

Your Print Tracking & Cost Recovery Solution.

Data Scheduler Guide

This document is intended to be used by the Abacus System Administrator. For details regarding the Abacus Billing Pop-Up, please refer to the Abacus Users Guide.

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About This Guide

Purpose of this Guide

This user guide is designed to provide user-friendly, detailed instructions for performing all tasks associated with using the **Abacus Data Scheduler**. This document attempts to communicate a certain level of detailed understanding about **Abacus Data Scheduler** and its system functions to the user. The document lists all activities and narrates the entire process logic that will be built into the application.

Who should read this Guide

This guide is intended for users of the **Abacus Data Scheduler** product. This document helps the users to integrate Abacus with third-party applications. The document also provides step-by-step procedures to retrieve data from the third-party applications to the Abacus database.

How this Guide is organized

This guide is divided into the following chapters:

Chapter 1 – Getting Started explains the overview of Abacus Data Scheduler, Starting Abacus Data Scheduler, and the User Interface.

Chapter 2 – Data Import Jobs explains how to create a new data import job from file and database, Run the data import job, and view and purge log options.

Chapter 3 – Account Center Jobs explains the overview of Account center jobs, how to populate fields to account console, how to retrieve log files from account the controller, and read account center log files.

Chapter 4 – ReproDesk Jobs explains the overview of ReproDesk jobs, Abacus – ReproDesk integration, creating ReproDesk import jobs, and run import jobs.

Chapter 5 – KIP Jobs explains the overview of KIP jobs, how to populate fields to KIP Request application, how to transfer settings to KIP controller, and read KIP log files.

Chapter 6 – MetaPrint Jobs explains the overview of MetaPrint jobs, MetaPrint – Abacus Data Scheduler direct integration, Server integration and Client integration, integrating MetaPrint log files with Abacus Data Scheduler, Create and Run MetaPrint jobs.

Chapter 7 – Abacus Audit Jobs explains the overview of Abacus audit jobs, how to create and execute Abacus audit jobs.



Chapter 8 – Data Export Jobs explains the overview of Data export jobs, how to create and execute data export jobs.

Chapter 9 - IPlot Jobs explains the overview of IPlot jobs, how to create and execute the IPlot jobs.

Chapter 10 – Fiery Jobs explains the overview of Fiery jobs, how to create and execute the Fiery jobs.

Chapter 11 – Central Server explains the overview, creation and execution of Import Data and Data Sync jobs.

Chapter 12 – Active Directory Jobs explains the overview, how to create and execute the Active Directory jobs.

Chapter 13 – HP DesignJet Jobs explains the overview, how to create and execute the HP DesignJet jobs.

Chapter 14 - XeroxJBA Jobs explains the overview, how to create and execute the XeroxJBA jobs.

Chapter 15 – LaserTrack Jobs explains the overview, how to create and execute the LaserTrack jobs.

Chapter 16 – Konica Jobs explains the overview, how to create and execute the Konica jobs.

Chapter 17 – Cisco Call Manager Jobs explains the overview, how to create and execute the Cisco Call Manager jobs.

Typographical Conventions

Before you start, it is important to understand the typographical conventions used in this guide.

This	Represents
Bold	Menu, any option on the menu, radio button, check box, command button or a link.
1	A note, providing additional information about a certain topic.
	An important message not to be ignored.



How to Get in Touch

The following section provides information on how to obtain support for documentation and software.

Documentation Support

For any questions, comments or suggestions on the documentation, contact us by email at abacussupport@mirrorplus.com

Technical Support

If you have any problems, questions or suggestions regarding this software, email us at <u>abacussupport@mirrorplus.com</u>. While contacting technical support, please have the following information ready:

- 1. Abacus version
- 2. The operating system
- 3. A description of the steps leading to the problem
- 4. The exact message that appeared when the problem occurred, or any other message that appeared on your screen

For additional information:

Please contact: MirrorPlus Technologies Inc via email, and / or phone:

Email: abacussupport@mirrorplus.com

Phone: 1-877 TRY ARC1 (Option 2 for Abacus Support)

www.mirrorplus.com



Chapter 1 Getting Started - Abacus Data Scheduler

In this chapter, you will learn about:

- 5. Overview of Abacus Print Cost Recovery System
- 6. Starting Abacus Data Scheduler
- 7. Understanding the Abacus Data Scheduler Interface



Overview of Abacus Print Cost Recovery System

Abacus Print Cost Recovery System is a software solution to track and bill all the print activities for a company.

Using the Abacus Print Cost Recovery System, all the printing activities are tracked and billed on a project to project basis. This ensures that printing costs associated to an individual project are properly assigned. This information is required to bill the clients for reimbursable expenses incurred while printing. It also helps to manage the overhead costs associated with printing activities, which may not be reimbursable.

The Abacus Print Cost Recovery System is composed of several modules, which have been installed on your network. Each time you perform an activity (print, scan, copy or fax) on your network, the Abacus Tracking Server will intercept the activity request, and trigger a billing pop-up for you to fill information regarding the project, the print media, and the purpose of the activity.

Once the information is entered, the data will be added to the Abacus database. This information is accessed to prepare reports on your printing activity.

Several applications are involved in this process. These applications have been pre-configured in your system by the reprographics provider. The applications include:

- 8. The Abacus Database
- 9. The Abacus Server
- 10. The Abacus Tracking
- 11. The Abacus Manager
- 12. The Abacus Data Scheduler
- 13. The Abacus Billing Pop-up

The **Abacus Data Scheduler** is a component, which runs on the server and allows creating, modifying, and scheduling the data import jobs, Repro Desk jobs, KIP log files jobs, Oce Account center jobs, etc. The Abacus Data Scheduler runs all the jobs scheduled at regular intervals based on the job schedule. To run the scheduled job, Abacus Schedule service should be running at all times.

Starting Abacus Data Scheduler

The Abacus Data Scheduler is generally installed on a single workstation within your office network. This workstation should be the one, which is normally available to the Abacus Administrator. To launch the application, follow the given steps:

To start Abacus Data Scheduler:

 Click the Start button → point to Abacus → point to DataScheduler folder → click AbacusDataScheduler application. The Scheduler options window appears.



Use Window	ws Task Scheduler
Required wind	dows user id and password
User name	mac
Password	жжжжя

Figure 1: Scheduler options window

- Select either of the options: the Use Abacus Scheduler Service option or the Use Windows Task Scheduler. By default, the Abacus Data Scheduler runs on the internal scheduler service. To run on windows scheduler service, click Use Windows Task Scheduler option.
- 3. Enter valid windows **User ID** and **Password** in the respective text fields.
- 4. Click **Save** to save your credentials for future use. The **Abacus Data Scheduler** main screen appears after this.



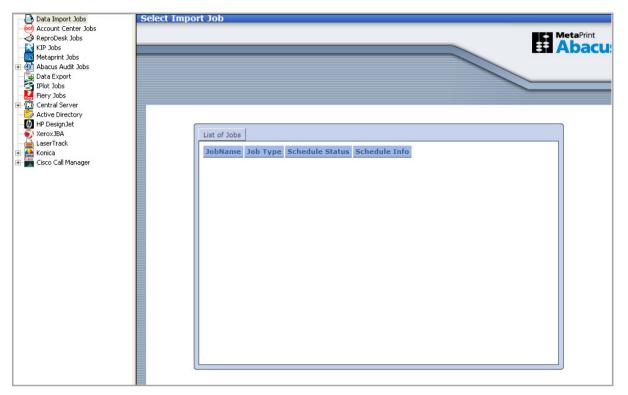


Figure 2: Abacus Data Scheduler main screen

Abacus Data Scheduler User Interface

To navigate successfully in Abacus Data Scheduler, a proper understanding of the interface is essential. The following section illustrates the various parts of the Abacus Data Scheduler interface and its uses.



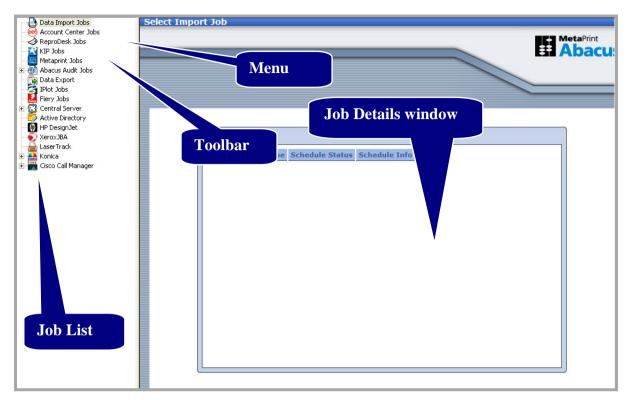


Figure 3: Abacus Data Scheduler user interface

The **Job List** is on the left-hand side of the main screen. It contains a tree structure of various jobs that could be performed using Abacus Data Scheduler. The jobs include:

- 1. Data import jobs
- 2. Account center jobs
- 3. Reprodesk jobs
- 4. KIP jobs
- 5. Metaprint jobs
- 6. Data sync jobs
- 7. Abacus audit jobs
- 8. Data export jobs
- 9. IPlot Jobs
- 10. Fiery Jobs
- 11. Import Data Jobs through Central Server
- 12. Synchronizing Data through the Central Server



- 13. Active Directory Jobs
- 14. HP Design Jet Jobs
- 15. Xerox JBA Jobs
- 16. Laser Track Jobs
- 17. Konica Jobs
- 18. Cisco Call Manager Jobs

Whenever you create a new job, the job list is updated with the new job. A "+" sign beside a job means that there are new jobs created. Click the "+" sign to expand the tree structure and view the job names. When you select a job from the job list, the toolbar options are enabled. In the following screenshot, a project name Test is selected under the Data Import Jobs and the toolbar options are highlighted. Refer to the screen shot below.

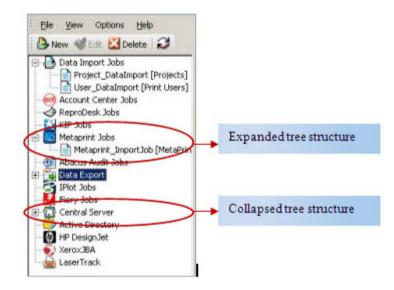


Figure 4: Job List

The **Job Details Window** on the right-hand side of the main screen displays the job information. Whenever you click on a job name in the job list window, the details of that particular job are displayed in the **Job Details Window**. This gives you the job information, mapped fields, and scheduled information, last time the job was executed, status of job execution, and remarks.



Import Job Informatio	n	Map Fields			
Import Data	Project_DataImport	Source Project/iumber	Destination ProjectNumber : 2	Filter	- the
Source Destination	File Projects	Projectilame	ProjectName : 1	None	
		ProjectDescription	ProjectName : 1	None	
Schedule Info		ProjectStatus	ProjectStatus : 3	None	1
Status:	NOT SCHEDULED	BillingCode	_None_	None	1
Scheduler					-
Last Execution				View Log	
Time	04/12/2010 01:01 PM				
Status	SUCCESS				
Status Remarks	SUCCESS				
Remarks	SUCCESS pdated=1 Added=1 Discarded=0 Message()				*
Remarks					*
Remarks					*
Remarks					×

Figure 5: Job details window

The Toolbar displays tools like New, Edit, Run, and Delete.

- New is used to create a new job.
- Edit is used to modify a job.
- Run is used to execute a job.
- **Delete** is used to delete a job.



Figure 6: The Abacus Data Scheduler toolbar

The Menu displays the menu items like File, View, and Help.

Advanced Menu Options

In the job list, right-click a job name to provide you with the advanced menu options.



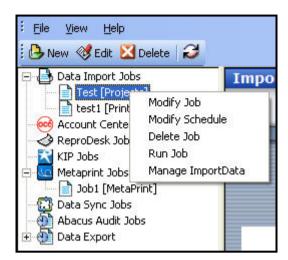


Figure 7: Advanced menu options

The advanced menu options allow you to modify the selected job, modify the selected job schedule, and delete or run the selected job.

Scheduler Options

Abacus Data Scheduler is designed to run on two different modes:

- Abacus internal scheduler service
- Windows task scheduler service

You can also change the scheduler options based on your requirements.

To change the scheduler options:

1. On the **Options** menu, click **Scheduler**. The **Scheduler options** window appears.



Use Windov	vs Task Scheduler
Required wind	lows user id and password
User name	mac
Password	яххххх

Figure 8: Scheduler options window

- 2. By default, the Abacus Data Scheduler runs on the internal scheduler service. To run on windows scheduler service, click **Use Windows Task Scheduler** option.
- 3. Enter valid windows **User ID** and **Password** in the respective text fields.
- 4. Click **Save** to save your credentials for future use.



Chapter 2 Data Import Jobs

In this chapter, you will learn about:

- Creating a New Data Import Job
- Run a Data Import Job



Creating a New Data Import Job

This option allows you to create a job to import data into the Abacus database from other databases and files. This is usually performed by users with administrator rights. The data that you can import are: projects, activity, clients, users, media, phases for projects, and so on.

Creating a new data import job from a file

You can import data into the Abacus database from the excel files.

To create a new data import job from a file:

- 1. On the job list, select **Data Import Jobs**.
- 2. To create a new data import job:

• Right-click and select **Create New Job**.

- Or,
- Click **New** on the toolbar.
- Or
- On the **File** menu, click **New Job**.

The Enter Data Import Job Details window appears.



Enter Da	ata Import Job Details	
۷	Create Import Job Create an import job to import Data	
	Job details Job Name Import Data Import Source	
	< <u>B</u> ack	Next > Cancel

Figure 9: Enter Data Import Job Details window

- 3. Enter the **Job details**.
 - a) Enter the job name in the **Job Name** text box.
 - b) Select the data to be imported from the Import Data drop-down list.
 - c) Select the Import Source as File from the Import Source drop-down list.
- 4. Click **Next** to continue. The **Config File Source** window appears.



Config file s	ource		×
٢	Configure Import Job Select the DataSouce to configure an imp	ort job	
File Inform Type Path Delimiter	nation		1
	 Column Header No Column Header 		
		<u>User Authentication</u>	
	<u> < B</u>	ack <u>N</u> ext > Cancel	

Figure 10: Config file source window

- 5. Select the DataSource to configure an import job.
 - a) Select an appropriate file type from which the data is to be imported. The available option in the **Type** drop-down list are: log, csv, txt or Excel file formats.
 - b) Click (buddy button) and select the file residing path.
 - c) Select an appropriate **Delimiter** used to separate the values. The available options are Custom Delimited, TABDelimited, and CSVDelimited. The most common delimiters are colon, tab, and comma.



- d) Select an appropriate option whether the input file has column header or not.
- 6. Click Next to continue. The Preview Import Data window appears.

en mperc	Data			
Pre Pre	e view Import J view an import j	l ob ob to view Data from Source	9	
1	2	3		
4290	KNAUER	SUPERDAW		
4291	KNAUER	TAYLOR ST		
4293	KNAUER	OAK STREET		
Sheet1 Sh	neet2 Sheet3			
- Import Optio	ns	C Lindata Evistina	C. Suno Dista	
- Import Optio		Update Existing	C Sync Data	
- Import Optio	ns	Update Existing	C Sync Data	
- Import Optio	ns	Update Existing	C Sync Data	
- Import Optio	ns	Update Existing	C Sync Data	
- Import Optio	ns	Update Existing	C Sync Data	
- Import Optio	ns	Update Existing	C Sync Data	
- Import Optio	ns	Update Existing	C Sync Data	
- Import Optio	ns	Update Existing	C Sync Data	
- Import Optio	ns	Update Existing	O Sync Data	
- Import Optio	ns	Update Existing	C Sync Data	
- Import Optio	ns	Update Existing		ancel

Figure 11: Preview Import Data window

- 7. Select an appropriate **Import Options**.
 - Allow Duplicates option allows duplicate copies to be imported.
 - Update Existing option modifies the existing files.
 - Sync Data option synchronizes all the files.
- 8. Click **Next** to continue. The **Field Mappings** window appears.



Source Fields	Preview Source	Default		Column Filter	Filter
None				Column Filter	None
_None	-			Column Filter	None
	SUPERDAW		-	Column Filter	None
None	•	NULL	-	Column Filter	None
None	-	NULL	-	Column Filter	None
None	•	NULL	-	Column Filter	None
	-	NULL	*	Column Filter	None
None	•	NULL	•	Column Filter	None
low Filter Details				Configu	e Row Filters
None					

Figure 12: Field Mappings window

9. In the **Field Mappings** window, the source fields are mapped to the corresponding destination fields. You can also review and change the mapping if required. Column and Row filters can be set here depending on the conditions of import. Follow the given procedure:

Select the **Source Fields** and then click corresponding **Column Filter** to apply filter. The **Apply Filter** window appears.

In this example, the above screenshot shows filter condition to be applied for the source field – Column: 3.



Apply Filter		×
Filter condition for Source Col :ProiectDescription When the Field data Evaluate Operator	umn : Column : 3 Destination Co s to: Please Enter Values	lumn
=/in		Add
J=/m		Aud
	active inactive	
	inacuve	Modify
		Delete
		Delete
📕 Apply Reverse Condition		
What do you want to do? Do not Import Column data Use Default Value	1	
Do not Import Row		
	Cancel	Apply

Figure 13: Apply Filter window

- 10. Select an **Operator** from the drop-down list. The available options are: **=/in**, **between**, **!=**, **StartsWith**, **EndsWith**, **Contains**, **<**, and **>**.
 - "=/in" is used for specifying "if the value is equal to or in"
 - "between" is used for specifying "if the value is between 2 values say, 1-100"
 - "!=" is used for specifying "if the value is not equal to"
 - "StartsWith" is used for specifying "if the value starts with"
 - "EndsWith" is used for specifying "if the value ends with"
 - "Contains" is used for specifying "if the value contains"
 - "<" is used for specifying "if the value is lesser than"
 - ">" is used for specifying "if the value is greater than"
- 11. Enter the values for the selected operator and click **Add**.
- 12. Select appropriate actions.



Click **Do not Import Column data** option to ignore the column values and use a selected default value.

Or,

- Click **Do not Import Row** option to ignore the whole row.
 In the above example, if the column: 3 value is equal to inactive, then do not import the entire row.
- 13. Click **Apply**. The filter conditions are applied in the **Field Mappings** window.

ld Mappi	ngs	3			
	Ma	ap Fields to ap Fields of im ick on Filter bi	port job to	i setup scheduli	ng job
Note: Right	Clie	ck on Filter Bu	itton to cle	an Filter	
Source		Preview	Default	Column Filter	Filter Desc
None	-			Column Filter	None
None				Column Filter	None
Column : 3	•	SUPERDAW		Column Filter	If value is =/in (active,inactive) Then
None	•		NULL 🔻	Column Filter	None
None	•		NULL 🔻	Column Filter	None
None	•		NULL -	Column Filter	None
None	•		NULL	Column Filter	None
None	•		NULL 🔻	Column Filter	None
•					j
Row Filter D)eta	ils			Configure Row Filters
None					
				< <u>B</u>	ack <u>N</u> ext > Cancel

Figure 14: Column filters

14. Click **Configure Row Filters** to apply the row filters. The **Row Filters** window appears.



 Select Destination column and values – Destination Column 	Enter a value		
ProjectStatus 💌	In Active		
	Or Choose an item		
	In Active	✓ Ad	d Filter
2. When the following conditions evaluate	sto		
Select Source	Operator	Values	
	-		Add
			Delete
lowFilters Summary	Clear		
Row Filters Summary Row Filters ProjectStatus (Value = In Active)			
towFilters Summary Row Filters			
Row Filters Summary Row Filters ProjectStatus (Value = In Active)			
Row Filters Summary Row Filters ProjectStatus (Value = In Active)			
Row Filters Summary Row Filters ProjectStatus (Value = In Active)			
towFilters Summary Row Filters ProjectStatus (Value = In Active)			
towFilters Summary Row Filters ProjectStatus (Value = In Active)			
towFilters Summary Row Filters ProjectStatus (Value = In Active)			

Figure 15: Row Filters window

- 15. Select the appropriate filters.
- 16. Click **Close**. In the above example, if the source column: 3 value is equal to inactive, then set the project status value as inactive. The **Field Mappings** window appears with the applied row filter details.



None Column Filter None _None_ Column Filter None Column : 3 SUPERDAW Column Filter If value is =/in (active,inactive) T _None_ NULL Column Filter None _None_ NULL Column Filter None
Column : 3 SUPERDAW Column Filter If value is =/in (active,inactive) T None NULL Column Filter None
None ▼ NULL ▼ Column Filter None
None_ NULL Column Filter None NULL Column Filter None NULL Column Filter None NULL Column Filter None NULL
None_ NULL Column Filter None NULL Column Filter None NULL Column Filter None
NULL Column Filter None
None NULL Column Filter None
Row Filter Details

Figure 16: Row filters

17. Click **Next** to continue. You may encounter with warning messages. However, it is not mandatory to apply filter conditions for all the columns.



AbacusDat	almport 🛛 🔛
FFF & FFFF & FFF &	or column ProjectNumber no mapping, default value or filter is provided Please select Mapping column or Provide default value or add filter or column ProjectName no mapping, default value or filter is provided Please select Mapping column or Provide default value or add filter or column ProjectStatus no mapping, default value or filter is provided Please select Mapping column or Provide default value or add filter or column BillingCode no mapping, default value or filter is provided Please select Mapping column or Provide default value or add filter or column PriceCatalog no mapping, default value or filter is provided Please select Mapping column or Provide default value or add filter or column PriceCatalog no mapping, default value or filter is provided Please select Mapping column or Provide default value or add filter or column Client no mapping, default value or filter is provided Please select Mapping column or Provide default value or add filter or column Department no mapping, default value or filter is provided Please select Mapping column or Provide default value or add filter or column Department no mapping, default value or filter is provided Please select Mapping column or Provide default value or add filter or column Department no mapping, default value or filter is provided Please select Mapping column or Provide default value or add filter Do you want to continue?

Figure 17: Data Import warning

18. Click **Yes** to continue. The **Schedule Job** window appears.



Schedule Import Job Schedule the import job to setup scheduling job
Project_DataImport Do not schedule this job terval to Schedule
T At Regular Interval Hrs 0 Mins 0 Secs 0
✓ Daily at 1:19:23 PM + +
Weekly at 1:19:23 PM
Monthly at 1:19:23 PM
< Back Next > Cance

Figure 18: Schedule Import Job window

- The Schedule job window allows running the activity automatically at specified intervals. If you choose not to schedule a job, you can manually execute the job using <u>Run Job</u> option.
 - Select the **Do not schedule this job** check box to avoid executing the import job automatically. Note that the **Time Interval to Schedule** area becomes disabled.

Or,

- Clear the **Do not schedule this job** check box to schedule the job. Note that the Time Interval to Schedule area is now enabled.
- 20. You may choose to schedule a job at regular intervals or on daily basis or weekly basis or monthly basis as per requirement.
 - Select At Regular Interval check box. Specify the hours, minutes, and seconds at which the job is automatically executed. For example, every 4 hours, 5 minutes, and 5 seconds.

Or,



• Select **Daily at** check box. Specify the time at which the job is automatically executed. For example, daily at 2:34:15 PM.

Or,

 Select Weekly at check box. Click a day and time at which the job is automatically executed. For example, every Monday at 5:00:00 PM.

Or,

- Select Monthly at check box. Select the day and time at which the job is automatically executed. For example, on every 5th day of the month at 10:30:00 AM.
- 21. Click **Next** to continue. The **Finish Import Job** window appears.

^
ol
c
N
1.15

Figure 19: Finish Job window



22. Review the import job details and click **Finish**.



Click Back to go back to the previous screen anytime.

The new job is added in the job list under Data Import Jobs.

Creating a new data import job from a database

You can import data into the Abacus database from third-party databases. Abacus Data Scheduler supports importing projects from the following databases:

- MS SQL Server
- MS Access
- Oracle
- Deltek Advantage
- Semaphore
- Deltek Vision Projects

You can import data such as activities, clients, users, media, page sizes, phases for projects from:

- MS SQL Server
- MS Access
- Oracle

To create a new data import job from a database:

- 1. On the job list, click **Data Import Jobs**.
- 2. To create a new job:
 - Right-click the Data Import Jobs and select Create New Job.

Or,

Click **New** on the toolbar.

Or

On the File menu, click New Job.
 The Enter Data Import Job Details window appears.



Enter Data Import Job Det	ails 🛛 🔀
Create Import Create an import	Job job to import Data
Job details Job N Import I Import So	Data Projects
	<u> </u>

Figure 20: Enter Data Import Job Details window

3. Enter the required fields and click **Next**. The **Configure 3rd Party Source Database** window appears.



nfigure	3rd Party Source Database			
3	Configure Import Job Configure an import job to setup schedu	ling job		
Import D	atabase Type: MS Access			•
Databas	e connection info			
Serve	r C:\Documents and Settings\Kusum] U	serID	
Databas	•	Pass	word	
– DSN / Fi	le			
∏ Use				
DSN	/ File Name MSAccess			
-	,			
			User Auth	entication
- SQL Que	ry			
	• • • • •			
			72	10.0

Figure 21: Configure 3rd Party Source Database window

- 4. Select the database type to be imported from the **Import Database Type** drop-down list. In the above example, the database type is MS Access.
- 5. You can either enter the database connection information or use DSN.
 - a) If you opt to enter the database connection information:
 - b) Enter the name of the server where database is installed or click (buddy button) to select the path of the server.
 - c) Enter the Database name in the **Database** text box.



- d) Enter the valid UserID and Password to connect to the database.
- e) If you opt to use Database Source Name:

.

• Select the Use DSN check box in the DSN / File section.



Once you select Use DSN check box, Database connection info section is disabled.

Click (buddy button) to select a DSN / File name.

The ODBC Data Sources window appears.

System DSN	User DSN	File DSN
C:\Program Files\Common F	iles\0DBC\Data Sources\	
DSN Name		
MSAcess1		
MSAccess		
visual FoxPro Tables		
/isual FoxPro Database		
Excel Files MS Access Database		
ND ACCESS Database		

Figure 22: ODBC Data Sources window

- 6. Click the appropriate option. The options are: **System DSN**, **User DSN**, or **File DSN** and select the required DSN Name from the list. Then click **OK**.
- 7. Enter the SQL Query in the **SQL Query** text area in the **Configure 3rd Party Source Database** window.



QL Query	
select * from [Project List]	

Figure 23: SQL Query section

8. Click Next. The Preview Import Job window appears.

Project No	Project Na	Client	Contact	PPS	PPS Da
08-081-01	Gulf Marine	J & S Electric	John Karmo		
06-022-07 08-107-01	(see 07-027 American Tr	Oak Tree Mel Borne		-1	1/31/20
08-107-01 08-108-01	Smoothie Ki	Tyrone Astu		-1	2/6/20
07-104-01	Lakefront S	Paul Murray		0	270720
<u><</u>					>
Import Optio	ns Ilow Duplicates	• Update	- Evietina	C Replac	>e Áll

Figure 24: Preview Import Data window



9. Click <u>here</u> to follow the remaining procedures.

Run Data Import Job

Run Job is used to manually execute or perform a data import job.

To run data import job:

1. Right-click the job name from the Job list and click **Run Job**.

Or,

Select the job name. On the File menu, click Run Job.

2. Wait till the data is imported. The job status and remarks are displayed in the job details window.

	tion	Map Fields		1	
		Source	Destination	Filter	1
Import Data	Project_import data	ProjectNumber	Column : 1	If value is between	
Source	File			(1.19) Then Discard Column	
Destination		-		and dealerst	
Destination	Projects	ProjectName	Column † 2	If value is StartsWith (Jon,Peter) Then Discard Row	
Schedule Info					
Statusi	NOT SCHEDULED	ProjectDescriptio	in Column 1 3	If value is < (10) Then Discard Column	
Schedule:		ProjectStatus	Column : 3	If value is =/in	
Last Execution			[View Log	
Time	04/23/2008 12:20 PM				
Status	SUCCESS				
Status Remarks	and the second second second				
Remarks procar – ozzr naneo	SUCCESS				~
Remarks Total = 8777 Paneo <field name="Pr
</FIELD></td><td>SUCCESS
</td><td></td><td></td><td></td><td>~</td></tr><tr><td>Remarks
Total = 8777 Paneo
<FIELD NAME=" pr<br=""></field>	SUCCESS				· · · · · · · · · · · · · · · · · · ·
Remarks (FIELD NAME='Pr (FIELD NAME='Pr (FIELD NAME='Pr (FIELD NAME='Pr (FIELD NAME='Pr	SUCCESS 				~
Remarks FOTAT = 6771 Paneo <field name="Pr
<FIELD NAME=" pr<br=""><field name="Pr
<FIELD></td><td>SUCCESS
</td><td></td><td></td><td></td><td>A</td></tr><tr><td>Remarks
FOTAT = 6771 Paneo
<FIELD NAME=" pr<br=""><field name="Pr
<FIELD NAME=" pr<br=""><field></field></field></field></field>	SUCCESS -3 message() <record <br="">ojectNumber' VALUE='33056'> ojectName' VALUE=''></record>				
Remarks FOTAT = 6771 Paneo <field name="Pr
<FIELD NAME=" pr<br=""><field name="Pr
<FIELD NAME=" pr<br=""><field bi<br="" name="Pr
<FIELD NAME="><field name="Bi</td><td>SUCCESS
</td><td></td><td></td><td></td><td></td></tr><tr><td>Remarks
roter = 0771 Failed
<FIELD NAME=" pr<br=""><field> <field> <field name="Pr
</FIELD NAME=" pr<br=""></field></field><td>SUCCESS -3 Message()<record <br="">ojectNumber' VALUE='33056'> ojectName' VALUE=''> ojectDescription' VALUE='33056'> ojectStatus' VALUE='33056'> llingCode' VALUE='33056'></record></td><td></td><td></td><td></td><td></td></field></field></field></field></field>	SUCCESS -3 Message() <record <br="">ojectNumber' VALUE='33056'> ojectName' VALUE=''> ojectDescription' VALUE='33056'> ojectStatus' VALUE='33056'> llingCode' VALUE='33056'></record>				
Remarks Totar = 6777 Paneo <field name="Pr
</FIELD>
<FIELD NAME=" pr<br=""></field> <field name="Bi
</FIELD NAME=" pr<="" td=""><td>SUCCESS </td><td></td><td></td><td></td><td></td></field>	SUCCESS 				
Remarks TOLAT = 0777 Failed <field name="Pr
<FIELD NAME=" pr<br=""></field> <td>SUCCESS </td> <td></td> <td></td> <td></td> <td>S. Contraction of the second s</td>	SUCCESS 				S. Contraction of the second s

Figure 25: Job details window - Run job status and remarks



View and Purge Log

View log option gives you a run-down of all the jobs that were executed, date and time of job execution, and the status of the jobs.

Purge log clears the screen by deleting all the log details of the jobs that were executed.

To view and purge log:

- 1. In the job list, execute a job by **Run Job** command. The job information is displayed in the job details window.
- 2. Click View Log corresponding to the Last Execution section.

Import Job Log Details	PurgeLog	Go Back
SUCCESS: Total = 877: Failed=3 Message()	4/23/2008 12:21:00 PM	
SUCCESS: Total = 877: Failed=3 Message()	4/23/2008 12:13:00 PM	
SUCCESS: Total = 877: Failed=3 Message()	4/23/2008 11:59:00 AM	
SUCCESS: Total = 877: Failed=3 Message()	4/23/2008 11:59:00 AM	
SUCCESS: Total = 877: Failed=3 Message()	4/23/2008 11:58:00 AM	
SUCCESS: Total = 877: Failed=3 Message()	4/23/2008 11:58:00 AM	
SUCCESS: Total = 877: Failed=3 Message()	4/23/2008 11:57:00 AM	
SUCCESS: Total = 877: Failed=3 Message()	4/23/2008 11:57:00 AM	
SUCCESS: Total = 877: Failed=3 Message()	4/23/2008 11:20:00 AM	

Figure 26: Import job log details screen

3. Click **PurgeLog** to delete all the log details, a message box appears click **OK**.



Figure 27: Purge log - message

4. Click **Go Back** to return back to the previous screen.



Chapter 3 Account Center Jobs

In this chapter, you will learn about:

- Overview
- Populating Fields to Account Console
- Reading Log Files



Overview

This section describes the integration of Oce Account Center with Abacus Data Scheduler. Current version of Abacus supports only integration with Oce Account Console.

To integrate with Abacus you must have Oce Account Console. This could be installed on any machine. Here we assume that you have already installed Oce Account Console on your system.

How the system works

Abacus Data Scheduler pushes / populates the data to the Oce Account Center. The Oce Account Console is used to preview and publish this data on to the Controller. Whenever a user performs a scan job on the printer/Controller, a billing pop-up is displayed. The user fills the required information on the billing pop-up. This information is stored in log files that are generated by Account Logic. The log files are imported by the Oce Account Console. You can schedule an import job in Abacus Data Scheduler to retrieve the log files from the Oce Account Center. This retrieved data is manipulated by the Abacus system for generating reports and billing.

Following is a pictorial representation of how the system works.

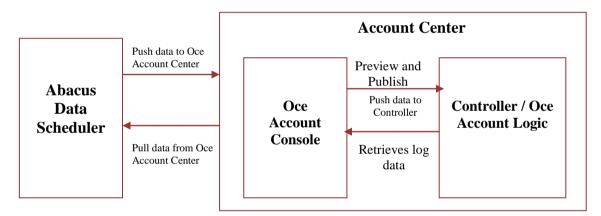


Figure 28: How Abacus system works with account center

Abacus Data Scheduler supports two types of jobs:

- **Populate Fields:** Job that defines the Account Center dialog and pushes the Abacus data to the Account Center.
- **Read Log Files:** Job to read the Account Center log files and import activities to the Abacus database.



Populating Fields to Account Console

This option allows defining the billing dialog for Account Center and populating Abacus data such as projects, phases, billing codes, and notes to Account Console.

To populate fields to account console:

- 1. On the job list, click **Account Center Jobs**.
- 2. To create a new job:
 - Right-click and select **Create New Job**.

Or,

• Click **New** on the toolbar.

Or,

• On the **File** menu, click **New Job**.

The Create Account Center Job window appears.



NG ACU	ount Center			
é	Create Ac Create Acco	count Center Job ount Center Job		
2				
		Job Name		
		Push_Data_To_Acc Center		
		Job Type		
		Populate Fields	•	
		Server Type		
		Account Console	•	
		Server Address		
		10.10.87.122		
		Port		
		8001		
			< <u>B</u> ack <u>N</u> ext >	Cancel

Figure 29: Create Account Center Job window

- 3. Enter a **Job Name** in the **Job Name** text box.
- 4. Select **Job Type** as **Populate Fields** from the given drop-down list.
- 5. Select **Server Type** as **Account Console** from the given drop-down list.
- Enter the server address in the Server Address text box. This is the name or IP address of the machine where the Oce Account Console is installed.
 Enter the Port as 8001. By default account console uses port 8001. If port is changed



during the installation, then enter the port number on which the Account console is configured.

7. Click **Next** to continue. The **Choose Field Options** window appears.

oose Field Optio	ns						
	Account Cente						
Field Name Choose one of the		Sort Op	otion	Display I		Caption	
F Pin Mode	always	 ASC 	•	Valid Pass	Password		_
Optional Project Media	always	▼ Name	•	Name	•		
T Phase	 		<u> </u>	[•		
E Billing Code			V		v		
Select Device Infi	ormation				_		
			Cre	ate new de	vice		
					< R	ack Next>	Cancel

Figure 30: Choose Field Options window

This window is used to choose the fields that appear on the billing dialog for Oce Account Center.

Each field has the following options:



Check box - You can enable the field by selecting the check box adjacent to the field.

Validation – This field indicates how the billing dialog validates a field. The following are the validation options:

- Always Selecting this indicates validation is mandatory for all activities (all print / copy / fax / scan jobs)
- **OnDevice** Selecting this indicates validation is required for all activities performed at the Controller (This includes scan and copy jobs)
- **No** Selecting this indicates validation is not required. This implies that validation is optional and not mandatory.

Sort Option – This field indicates how you want to arrange the data.

- **ASC** Selecting this indicates the data is arranged in ascending order.
- **DSC** Selecting this indicates the data is arranged in descending order.

Display Option – This field indicates how the data is displayed.

- All Selecting this indicates the data is displayed to all the users in the Abacus database.
- Valid Password / Pin Selecting this indicates the data is displayed only to the users with valid password / PIN. Oce Account Center accepts only users with valid and unique password or PIN.
- All-Abacus Users Selecting this indicates the data is displayed to all the users except default Abacus users such as Admin, Master Admin users.
- Valid Password / Pin Abacus Users Selecting this indicates the data is displayed only to the users with valid password / PIN except default Abacus users.
 - 8. Select one of the modes. You can either select User Mode or PIN Mode.
 - In the User Mode, the user is validated based on user name and password. The user's names will be displayed in a drop-down list and password entered by user will be validated against the user name.
 - In the **PIN Mode**, the user is validated based on the PIN numbers that they enter.
 - 9. The optional fields include, configuring projects, media, phase, billing code, and notes. You can select as many fields as you require.
- 10. For configuring project, select the **Project** check box.
 - a) Select the Validation option.
 - b) Select the Sort Option.
 - c) Select the **Display Option**. This indicates how you want to display the project Name or Number or Name (Number) or Number (Name).



- 11. For configuring media, select the **Media** check box.
 - a) Select the Validation option from the given drop-down list.
 - b) Select the Sort Option from the given drop-down list.
 - For configuring project phase, select the **Phase** check box.
 - c) Select the Validation option from the given drop-down list.
 - d) Select the **Sort Option** from the given drop-down list.
 - e) Select the **Display Option** from the given drop-down list. This indicates how you want to display the phase Name or Description or Name (Description) or Description (Name).
- 12. For configuring billing codes, select the **Billing Code** check box.
 - a) Select the Validation option from the given drop-down list.
 - b) Select the Sort Option from the given drop-down list.
- 13. For configuring notes, select the **Notes** check box.
 - a) Select the Validation option from the given drop-down list.
 - b) Select the Sort Option from the given drop-down list.
 - c) Select the **Display Option**. This indicates how you want to display the comments section. If you select **Global Notes List**, notes field is displayed as a drop-down list. Users can only select notes from the list. If you select **Text Field**, notes field is displayed as a text box. Users can enter their comments in the text box.
- 14. Select the **Device Information** from the given drop-down list. This indicates the printer name. Select an appropriate printer from which the activities are to be tracked.

Click **Create New Device**, to add a new device. The **Create New Device** dialog box appears. Enter the **Device Name**, **Friendly Name** in the respective text boxes and select the media. Click **Create**.



Create New Device	×
Device Information Device Name	
Friendly Name	
Select Media	
Cancel Create	

Figure 31: Create New Device dialog box

15. Click **Next** to continue. The **Schedule Job** window appears.



Schedule .	Job	×
océ	Create Account Center Job Create Account Center Job	
	Name ARC_test Don't schedule this job Run job At regular interval H: 0 M: 0 S: 0 Daily At: 12:40:23 PM Weekly At: 12:40:23 PM Mon Tue Wed Fri Sat	
	< Back Next >	Cancel

Figure 32: Schedule Job window

Schedule job window is used to automatically run the activity at specified intervals. If you choose not to schedule a job, you can manually execute the job using **Run Job** option.

16. Select **Don't schedule this job** check box to avoid executing the import job automatically. Note that when **Don't schedule this job** check box is selected, the **Run Job** section becomes inactive.

Or,



Clear the check box to schedule the job. Note that the **Run Job** section becomes active now. You may choose to schedule a job at regular intervals or daily or weekly as per needs.

 Select At regular interval check box. Specify the hours, minutes and seconds at which the job is automatically executed. For example, every 2 hours, 52 minutes and 34 seconds.

Or,

 Select **Daily** check box. Specify the time at which the job is automatically executed. For example, daily at 9:45:28 AM.

Or,

- Select Weekly check box. Click a day and time at which the job is automatically executed. For example, every Monday at 6:15:00 PM.
- 17. Click **Next** to continue. The **Preview Summary** window appears.

Preview St	ummary
océ	Create Account Center Job Create Account Center Job
	Job Information Name ARC_test Type Populate Fields Server information Type Account Console Port 8001 Address 10.10.87.122 Mode Mode Mode Fields Information Type Field Name Type Project always Schedule Information Not Scheduled Advance Option
	< Back Finish Cancel

Figure 33: Preview Summary window



- 18. Review the account center job details and click **Finish**.
- 19. The new job is added in the job list under **Account Center Jobs**.

Run Job

The next step is to run the "populate / push" job. **Run Job** option is used to manually execute or perform an account center job. It is necessary to run the job so that data gets populated in the Oce Account Console.

To run job:

1. Right-click the job name and click **Run Job**.

Or,

Select the job name. On the File menu, click Run Job.

2. Wait till Oce Account Center fields are populated. The job status and remarks are displayed in the job details window.

		01		
Import Data	PushDataAccCenter	Source UserName	Destination UserName	
Source	Account Console Populate Fields	Project Media	Project Media	
Destination	Account Console	Phase BillingCode Notes	Phase BillingCode Notes	
Schedule Info				
Status:	NOT SCHEDULED			
Schedule:				
last Execution				View Log
Time	04/24/2008 05:24 PM			
Status	SUCCESS			
Remarks				

Figure 34: Job details window - Run job status and remarks





Click View Log for log details.

Preview and Publish Data to the Controller

The next step is to preview and publish data from the Oce Account Console to the Controller / Oce Account Logic.

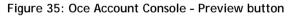
Previewing is done to ensure the accuracy of the data. Before you make the data available for the Controller / Oce Account Logic, test the data to see if all the fields have valid values.

Publishing is done to make the data available to the users on the Controller / Oce Account Logic.

To preview and publish data to controller:

1. Log on to the Oce Account Console. The last account center job executed through the **Abacus Data Scheduler** appears.

Account fields	Acco	unt data				
ields Values	2					
Fields		\frown			6 fields, 0 sele	
* ×						
Create Delete	Edit	and the second	blish			
ame	id	entry type	values	depends on	required	
IserName	USR	dropdown list	list		no	
Project	PRJ	dropdown list	list		always	
hase	PH	dropdown list	list	Project	no	
ledia	MED	dropdown list	list		no	
BillingCode	BC	dropdown list	list		always	
			text		no	



The tabular columns display the fields that appear on the data.

2. Click **Preview**. The **Preview Accounting Dialog** webpage appears.



N 10 10 10 10 10 10	:8001/servlet/ACPreviewFields?ts=1209085752338 ccount Console	G
and the second second second	An	
eview the acc	count information dialog	
Accou	nt information	
UserName	×	
Project		
Phase	×	
Media		
BillingCode		
Notes		
Carl C		
<		
	V Test	
	J	Close

Figure 36: Preview accounting dialog webpage

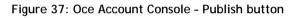
The webpage displays the **Account information** sectionas it would appear on the Controller. The field with a red dot indicates mandatory or required field.



- 3. Enter the required information in the fields and click **Test**. A dialog box appears with **'OK!**'
- 4. Click Close.

After you use the preview button to make sure all the fields have valid values, you can make the data available in Controller / Oce Account Logic.

Account fields	Acco	unt data				
ields Values						
Fields					6 fields, 0 sele	
* ×		14 ER (
Create Delete	Edit	senset contraction of the	blish			
name	id	entry type	values	depends on	required	
JserName	_USR	dropdown list	list		no	
Project	PRJ	dropdown list	list		always	
Phase	PH	dropdown list	list	Project	no	
/ledia	MED	dropdown list	list		no	
BillingCode	BC	dropdown list	list		always	
	NOT	text	text		no	



- 5. Click **Publish**. A dialog box appears with message "Are you sure you want to make the account information dialog available for clients?"
- 6. Click **OK**. A message "Publishing, please wait...." appears on the webpage. It takes several seconds to publish the data. Then webpage refreshes indicating that the data is published to the Controller / Oce Account Logic.



Retrieving log files from the controller

Use this option to retrieve the log files from the Controller / Oce Account Logic to the Oce Account Console.

To retrieve log files from the controller:

1. Log on to the Oce Account Console. By default, Account fields tab is highlighted.

Dcé Accour			\sum				
Account fields	Ac	count data					
ields Values							
∃ ■ Fields							6 fields, 0 sele
* ×	L	<u> </u>	I.	25			
Create Delete	Edit	Move	Preview	Publish			
name	id	entry	type		values	depends on	required
serName	USR	dropd	lown list		list		no
roject	PRJ	dropd	lown list		list		always
hase	PH	dropd	lown list		list	Project	no
ledia	MED	dropd	lown list		list		no
lillingCode	BC	dropd	lown list		list		always
Votes	NOT	text			text		no



2. First click **Account data** tab and then click **Tasks**.

Océ Accou	nt Console				administration	logout about 👔
Account fields Devices	Account Log data	data				<u>refresh</u>
Tasks	\mathbf{i}					
Start Edit description	schedule	last run	next run	status	remark	
Retrieve logdata	manual	4/24/08 4:50 PM	÷	idle		
🔲 Update dialog	manual	4/24/08 6:27 PM	2	idle		

Figure 39: Oce Account Console - Account data tab

- 3. Two generated files are displayed. Select **Retrieve logdata**.
- 4. Under **Tasks** section, click **Edit** to modify the schedule. The **Edit a task** webpage appears.



🖉 Edit a task Webpage Dialog 🛛 🛛 🔀
http://10.0.0.131:8001/servlet/ACAction/displayTask?oid=RetrieveLog-0%3AMach
Océ Account Console
Edit a task
Retrieve logdata
⊙Manual
◯ Scheduled
every day on Monday v at 7 pm v hours 00 minutes
√ OK X Cancel
http://10.0.0.131:8001/servlet/ACAction/displayTas 🌍 Internet

Figure 40: Edit a task webpage

- 5. You can retrieve the logdata either manually or as per the schedule.
 - When you select **Manual**, you must retrieve the log files by clicking **Start** under the **Tasks** section.
 - When you select Scheduled, the system automatically retrieves log files as per the schedule. You could prefer to retrieve the files daily at a particular time or weekly on a particular day and time.
- 6. Make the changes and click **OK** to return to the previous screen.
- 7. Select Retrieve logdata and click Start under Tasks section.



The status section may show one of the following:

- **Running** : This indicates the task is active.
- **Queued** : This indicates the task is in queue.
- **Idle** : This indicates the task is inactive. If the status is idle and the last run displays the current date and the run time, means the task is completed successfully.
- Error : The task is not completed. The reason for error is displayed in the remarks column.
- It may take some time for the status to change. Click **Refresh** to refresh the webpage and again watch the status.
 The log files are successfully retrieved from the Controller / Account Logic to the Account Console.

Reading Account Center Log Files

This option allows you create a job to read the Account Center log files. Whenever you run the job, based on the settings relevant activities are pulled / imported to the Abacus database.

To read log files:

- 1. On the job list, click **Account Center Jobs**.
- 2. To create new job:
 - Right-click and select Create New Job.

Or,

Click **New** on the toolbar.

Or,

• On the **File** menu, click **New Job**.

The Create Account Center Job window appears.



Create Acc	ount Center Job		×
océ	Create Account Center Job Create Account Center Job		
	Job Name		
	Pull_Data_Acc_Center		
	Јор Туре		
	Read Log files	•	
	Server Type		
	Account Console	_	
	Server Address	_	
	10.0.0.131		
	Port		
	8001		
×			
		< Back Next > Canc	el

Figure 41: Create Account Center Job window

- 3. In the **Create Account Center Job** window perform the following:
 - a) Enter a job name.
 - b) Select **Job Type** as **Read Log Files** from the given drop-down list.
 - c) Select Server Type as Account Console from the given drop-down list.



- d) Enter the **Server Address**. This is the name or IP address of the machine where the Oce Account Console is installed.
- e) Enter the **Port** as 8001. By default account console uses port 8001. If the port is changed during the installation, then enter the port number on which the Account console is configured.
- 4. Click **Next** to continue. The **Choose Read Log Options** window appears.

Choose Rea	ad Log Options	×
océ	Create Account Center Job Create Account Center Job	
	Image: Track following jobs Billing popup display options Image: Copy Image: Always Image: Plot Image: Comparison of the state of the	
	Project	
	54knnn (5444) Phase	
	Media	
	bond	
	Billingcode	
	Non-Reimbursable	
	Notes	
	Device	
	Varcindtech101\hp color laserjet ()	
	< Back Next > Can	cel

Figure 42: Choose Read Log Options window



- 5. From the **Track Following Jobs** section, select the check boxes adjacent to the jobs that you want to read from the Account Console log files.
- 6. From the **Billing pop-up display options** section, click to select an appropriate option.
 - Select Always to display the Abacus Billing pop-up on the users desktop once the job is imported.
 - Select When full information is not entered to display the Abacus billing popup only if the full information is not entered such as Project, Phase etc.
 - If you select Never display billing pop-up, Abacus billing pop-up is not displayed for any account center job imported.
- 7. From the **Use default values** section, select the appropriate options:
 - Select the project that you want to go through from the Account Console log file from the **Project** drop-down list.
 - Select the project phase of the selected project that you need to read from the Account Console log file from the **Phase** drop-down list.
 - Select a media from the Media drop-down list.
 - Select a billing code from the **Billingcode** drop-down list.
 - Enter your comments in the Notes text box.
 - Select a device from the **Device** drop-down list.

So according to the example, you are creating a job to read Pratt Design projects that are in development phase scanned on bond paper and belongs to non-reimbursable billing code and printed from OCETDS600.

8. Click Next to continue. The Schedule Job window appears.



è	Create Account Center Job Create Account Center Job	
	Name Pull_Data_Acc_Center	
	✓ Don't schedule this job	
	Run job	
	T At regular interval	
	H: 0 M: 0 S: 0	
	Daily	
	At: 5:50:38 PM	
	🗖 Weekly	
	At: 5:50:38 PM	
	C Mon C Tue C Wed C Thrus	
	C Fri C Sat C Sun	
	< Back Next >	Ca

Figure 43: Schedule job window

Schedule job window is used to automatically run the activity at specified intervals. If you choose not to schedule a job, you can manually execute the job using Run Job option.

- 9. Select **Don't schedule this job** check box to avoid executing the import job automatically. Note that selecting the check box disabled the **Run Job** section.
 - Or,



Clear the **Don't schedule this job** check box to schedule the job. Note that the **Run Job** section is now enabled. You may choose to schedule a job at regular intervals or daily or weekly as per your requirement.

 Select At regular interval check box. Specify the hours, minutes and seconds at which the job is automatically executed. For example, every 2 hours, 52 minutes and 34 seconds.

Or,

• Select **Daily** check box. Specify the time at which the job is automatically executed. For example, daily at 9:45:28 AM.

Or,

- Select **Weekly** check box. Click a day and time at which the job is automatically executed. For example, every Monday at 6:15:00 PM.
- 10. Click **Next** to continue. The **Preview Summary** window appears.



Preview Summary	×
Create Account Center Job Create Account Center Job	
Job Information Name <u>Pull Data_Acc_Center</u> Type Read Log files	
Server information Type Account Console Port 8001 Address 10.0.0.131	
Mode	
Fields Information	
Field Name Type	
Schedule Information	
Not Scheduled	
< <u>B</u> ack Finish Cancel	

Figure 44: Preview Summary window

11. Review the account center job details and click **Finish**. The new job is added in the job list under **Account Center Jobs**.

Run Job

The next step is to run the "read log files" job. **Run Job** option is used to manually execute or perform an account center job. It is necessary to run the job so that data gets imported from the Oce Account Console to the Abacus database.

To run job:

- Right-click the job name and click Run Job. Or, Select the job name. On the File menu, click Run Job.
- 2. Wait till Oce Account Center log files are interpreted. The job status and remarks are displayed in the job details window.



Import Job Inform	ation	Map Fields	
Import Data Source Destination	Pull_Data_from_Acc_Center Account Console Read Log files Account Console	Source Destination	
Schedule Info			
Status:	NOT SCHEDULED		
Schedule:			
Last Execution			View Log
Time	04/25/2008 11:31 AM		
Status Remarks	SUCCESS		
Processing host: Records:(2) To Process:(2) Activities Build:((Skipped:(2)			

Figure 45: Job details window - Run job status and remarks



Chapter 4 Reprodesk Jobs

In this chapter, you will learn about:

- Overview
- Abacus Repro Desk 4.30.5 Integration
- Integration by Repro Desk Tool
- Creating a Reprodesk Import Job
- Run Job



Overview

This section describes the integration Repro Desk 4.30.5 application with Abacus Data Scheduler.

To integrate with Abacus you must have Repro Desk 4.30.5 application. This could be installed on any machine. Here we assume that you have already installed Repro Desk on your system.

Repro Desk 4.30.5 is an application used for high speed digital printing. Abacus Data Scheduler helps you to track all the activities submitted using Repro Desk.

Abacus – Repro Desk 4.30.5 Integration

Abacus and Repro Desk integration can be done in two ways:

- Integration by Repro Desk Tool
- Creating and Executing a ReproDesk Import Job

Integration by Repro Desk Tool

To integrate Repro Desk 4.30.5 with Abacus:

- 1. Go to http://support.mirrorplus.com/abacus/abacus_20.asp
- 2. Download Reprodesk Work Order Customizer Tool.
- Extract ReproDeskWorkOrderGenerator_v2.0.6.exe from the .zip file and double-click to Run the application. The Abacus – ReproDesk WorkOrder Integrator window appears.

Please Select ReproDesk HTM.	L Page Path Below (Ex:	
:\ocerd		
Create Workorder files to Destination path		
C:\ocerd		
Also change the files in the	source directory	

Figure 46: Abacus - ReproDesk WorkOrder Integrator window

4. Browse and select the ReproDesk HTML Page path. Normally, the path is C:\OCERD



- 5. Browse and select the destination path to create workorder files.
- 6. Select **Also change the files in the source directory** to backup the existing/original file and then paste the new file in the source directory. If cleared, the existing/original file is replaced by the new file in the source directory.
- 7. Click **Install** to complete the Abacus Repro Desk integration.
- 8. Open Repro Desk 4.30.5 application.
 - f) Click **File** > **New** and select **Job** and then click **OK**.
 - g) Add Files to the new job and select the option button.
 - h) Send some test jobs to verify the Abacus Repro Desk integration.

🚙 Repro Desk 4.30.5 - Creat	e a job ticket to send via mo	dem, diskette, or drive letter.		_ 8 ×
File Edit View Options Cont	igure Window Help			_ & ×
Add Files - Process - Propertie	s View Pen Set Stam	Print Send Job	Queue Publish	océ
<< File ← Co		per Size 🤝 🤝 Send Job To	Alignment ~ Rot B Color ~ 0 × 0 mm None No No	

Figure 47: Repro Desk 4.30.5 - Send Job menu

9. On the toolbar, click the down arrow next to **Send Job** icon and select **Send Job to** from the drop-down. The **Send Job To** window appears.

• Queue	Path To Queue
	Incoming (C:\INCOMING\Incoming.Q) Browse
C Modem	Communications Method
C Drive -	Drive Letter

Figure 48: Send Job To window



10.	Click to select the Queue option and click OK. The Job Information window appears.
	Scroll down to confirm the Abacus integration.

	X
	<u>C</u> lose
Project List Phase List Billing Codes Paper Type Abacus	
May 6 2008 -	
 ✓ Use Set Info ✓ Use Copies Field ✓ 	
	Phase List Billing Codes Paper Type Abacus May 6 2008 Cuse Set Info

Figure 49: Job Information window - with Abacus integration



Creating a Reprodesk Import Job

Abacus Data Scheduler is used to create ReproDesk import jobs. This option allows you create a job to read the Reprodesk data.

When you run a ReproDesk import job, all the data is imported from ReproDesk to the Abacus database.

To create a reprodesk import job:

- 1. On the job list, click **ReproDesk Jobs**.
- 2. To create new job:
 - Right-click and select Create New Job.
 - Or
 - Click **New** on the toolbar.
 - Or
 - On the File menu, click New Job.
 The Create New Data Import Job window appears.



Create New Data Import Job 🛛 🔀
Create Import Job Create an import job to setup scheduling job
Job Name Repro_import Repro Desk database path (path for reprodesk .mdb files) C:\
Import job types Queue Email HP Out PostScript Out Publish Multi-machine Project Point
Clear Selection Select All
 Apply Tracking Rules Log failed records to a csv file Create failed log files path
< Back Next > Cancel

Figure 50: Create New Data Import Job window

- 3. Enter a job name in the **Job Name** text box.
- 4. Click (buddy button) to browse and select the Repro Desk database path. Select the .mdx file found on Repro Desk server.



5. If the Abacus Data Scheduler is not installed on the same machine where Repro Desk Server is installed and you need to schedule this job, Abacus data scheduler service requires you to enter valid user information to access the file from the Abacus data scheduler service. Click **User Authentication**. The **User Authentication** dialog box appears.

Please enter the user credentials to a	ccess the network resource
Domain\Username	
	Reset
Password	
Test Connection 9	Save Cancel

Figure 51: User Authentication dialog box

- 6. Enter the valid user name and password to access the folder and click **Test Connection** to test the connection. Then click **Save** to save your settings.
- 7. Select the version from the **Repro Desk version** drop-down list.
- 8. Select the jobs to be imported from the **Import Job type** list.
- 9. Select **Apply Tracking Rules** check box to apply tracking rules.
- Select the Log failed records to csv file check box to log failed records to csv file. The Create failed log files path is enabled. Provide a path. For example, C:\Documents and Settings

Log failed records to a csv file	
Create failed log files path	
C:\Documents and Settings	

Figure 52: Log failed records to a csv file section

11. Click **Next** to continue. The **Field Mappings** window appears.



Destination	Activity Fields to . Source Fields		Default		Filter	Filter Desc
JobName	Filename	-	Derault		Filter	None
Туре	PrintType	+	Print	۰	Filter	None
MachineName		+			Filter	None
Copies	NumberOfSets	+		-	Filter	None
Quantity	NumberOfSheet	+		- 26	Filter	None
Width	WidthMM	+			Filter	None
Length	LengthMM	+		1	Filter	None
Project	Project	-		+	Filter	None
Phase	_None_	+		-	Filter	None
Device	None	-		+	Filter	None
Media	Media	+		+	Filter	None
BillCode	Reason	-		-	Filter	None
PrintBy	UserName	-	5		Filter	None
CreateDate	DateTime	-			Filter	None
lotes	SpecialInstructic	•			Filter	None
TotalArea	SquareFeet	•			Filter	None
Row Filters Deta	ail				Con	figure Row Filters
None						

Figure 53: Field Mappings window

- 12. In the **Field Mappings** window, the source fields are mapped to corresponding destination fields. Review and change the mapping if required. Column and Row filters can be set here depending on the conditions of import. Follow the given procedure:
 - a) Select the Source Fields and then click corresponding Column Filter to apply filter. The Apply Filter window appears. In this example, the above screenshot shows filter condition to be applied for the source field – Media.



Operator =/in	•	Values	Add
1-200		Vellium	 Modify
F Reverse Flag			Delete
ction Discard Column			
Use Default Value			-

Figure 54: Apply Filter window

- b) Select an **Operator** from the drop-down list. The available options are =/in, between, !=, StartsWith, EndsWith, Contains, <, and >.
 - =/in is used for specifying "if the value is equal to or in"
 - between is used for specifying "if the value is between 2 values" say, 1-100
 - I is used for specifying "if the value is not equal to"
 - StartsWith is used for specifying "if the value starts with"
 - EndsWith is used for specifying "if the value ends with"
 - Contains is used for specifying "if the value contains"
 - < is used for specifying "if the value is lesser than"
 - > is used for specifying "if the value is greater than"
- c) Enter the values for the selected operator and click Add.
- d) Click to select appropriate actions.
 - Click **Discard Column** option to ignore the column values and use a selected default value.
 - Click **Discard Row** to ignore the whole row.
 In the above example, if the column: Media value is not equal to Vellium, then do not import the entire row values.



- 13. Click **Apply**. The filter conditions are applied in the **Field Mappings** window.
- 14. Click **Configure Row Filters** in the **Field Mappings** window to apply row filters. The **Row Filters** window appears.

ProjectStatus	✓ In Active			
	- In Active			
	Or Choose an item			
	In Active	<u> </u>	Add Filter	
2. When the following condition	s evaluates to			
Select Source	Operator	Values		
	•	•		Add
				Delete
	Clear			
Add Condiation	Llear	0		
owFilters Summary				
	Active)			
Row Filters ⊡ ProjectStatus (Value = Ir	<mark>(Active)</mark> lumn : 3) = Values(inactive)]			
Row Filters ⊡ ProjectStatus (Value = Ir				
Row Filters ⊡ ProjectStatus (Value = Ir				
Row Filters ⊡ ProjectStatus (Value = Ir				
Row Filters ⊡ ProjectStatus (Value = Ir				
Row Filters ⊡ ProjectStatus (Value = Ir				
Row Filters ⊡ ProjectStatus (Value = Ir				
Row Filters ⊡ ProjectStatus (Value = Ir				
Row Filters ⊡ ProjectStatus (Value = Ir				

Figure 55: Row Filters window

Select the appropriate filters and click Close.
 In the above example, if the source column:3 value is equal to inactive, then set the project status value as inactive.
 The Field Mappings window appears with the applied row filter details.



Destination	Activity Fields to . Source Fields	_	Defa	-	Filter	Filter Desc
JobName	Filename	+			Filter	None
Гуре	PrintType	+	Print	+	Filter	None
MachineName	MachineName	-			Filter	None
Copies	NumberOfSets	-			Filter	None
Quantity	NumberOfSheet	+	1		Filter	None
Vidth	WidthMM	-			Filter	None
.ength	LengthMM	*			Filter	None
Project	Project	-		-	Filter	None
Phase	_None_	•	1		Filter	None
)evice	_None_	-		-	Filter	None
Media	Media	•		-	Filter	if value is=/in (Vellium) then 1
BillCode	Reason	•		-	Filter	None
PrintBy	UserName	•		99	Filter	None
CreateDate	DateTime	•			Filter	None
lotes	SpecialInstructic	•			Filter	None
fotalArea	SquareFeet	-		11	Filter	None
Row Filters Deta ProjectStatus [IF S	ail Value=In Ac ource Column(Co			= Val	ues(inact	Configure Row Filters

Figure 56: Field Mappings window

Select the appropriate filters and click Close. In the above example, if the source column:
 3 value is equal to inactive, then set the project status value as inactive.
 The Field Mappings window appears with the applied row filter details.



Destination Fields	Source	Preview	Default	Column	Filte	r
ProjectNumber	_None_			Column Fil	None	
ProjectName	_None_			Column Fil	None	
ProjectDescriptio	None_			Column Fil	None	
ProjectStatus	Column : 3 🔻	NILES OTB	Activ 🔻	Column Fil	If value is =/in (inacti	٧
BillingCode	_None_	•	NULL 🔻	Column Fil	None	
PriceCatalog	_None_		NULL 👻	Column Fil	None	
Client	_None_	•	NULL 👻	Column Fil	None	
Department	_None_		NULL 🗸	Column Fil	None	
Row Filter Details				Cor	nfigure Row Filters	

Figure 57: Row filters

17. Click **Next** to continue. You may encounter with warning messages such as the following screen shots. However it is not mandatory to apply filter conditions for all the columns.

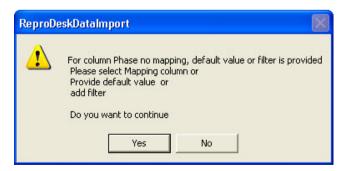


Figure 58: Data Import warning



18. Click **Yes** to continue. The **Schedule Job** window appears.

chedule Job	X
Schedule Import Job Schedule the import job to setup scheduling job	
Name Repro_Import Don't schedule this job Run job	
H: M: S: D	
C Daily	
T Weekly At: 5:08:55 PM <u>★</u> C Mon C Tue C Wed C Thu C Fri C Sat C Sun	
☐ Monthly At: 5:08:55 PM →	
< <u>B</u> ack Finish	Cancel

Figure 59: Schedule Job window

Schedule job window is used to automatically run the activity at specified intervals. If you choose not to schedule a job, you can manually execute the job using **Run Job** option.

19. Select **Don't schedule this job** check box to avoid executing the import job automatically. Note that the **Run Job** section is disabled.

Or,

e) Clear the check box to schedule the job. Note that the **Time Interval to Schedule** area is now enabled.

You may choose to schedule a job at regular intervals or daily or weekly or monthly as per your requirement.

 Select At Regular Interval check box. Specify the hours, minutes and seconds at which the job is automatically executed. For example, every 4 hours, 5 minutes and 5 seconds.



Or,

• Select **Daily at** check box. Specify the time at which the job is automatically executed. For example, daily at 2:34:15 PM.

Or,

 Select Weekly at check box. Click a day and time at which the job is automatically executed. For example, every Monday at 5:00:00 PM.

Or,

- Select Monthly at check box. Select the day and time at which the job is automatically executed. For example, on every 5th day of the month at 10:30:00 AM.
- 20. Click **Finish** to continue. The new job is added in the job list under **ReproDesk Jobs**.

Run Job

Run Job option is used to manually execute or perform ReproDesk data import job. When you run a ReproDesk import job, all the data is imported from ReproDesk to Abacus database.

To run job:

- Right-click the job name and click Run Job. Or, Select the job name. On the File menu, click Run Job.
- 2. Wait till data is read from the Abacus database and the files are processed. The job status and remarks are displayed in the job details window.



Import Job Informat	ion	Map Fields			
Import Data	Repro_Import	Source JobName	Destination Filename	Filter None	^
Source Destination	AT	Туре	PrintType	None	
		MachineNar	ne MachineName	None	
Schedule Info		Copies	NumberOfSets	None	
Status:	NOT SCHEDULED	Quantity	NumberOfSheets	None	
Schedule:					~
Last Execution				View Log	
Time	05/02/2008 02:38 PM				
Status	SUCCESS				
Remarks					
					~

Figure 60: Job details window - Run job status and remarks



Chapter 5 KIP Jobs

In this chapter, you will learn about:

- Overview
- Populating Fields to KIP Request Application
- Reading KIP Log Files



Overview

This section describes the integration of KIP Request application with Abacus Data Scheduler.

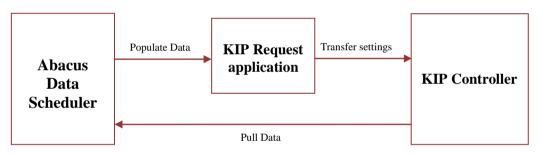
To integrate with Abacus you must have KIP Request application. This could be installed on any machine. Here we assume that you have already installed KIP on your system.

How the system works

Abacus Data Scheduler pushes / populates the data to the KIP Request application. The populated data appears as fields on the KIP Request application.

The KIP Request application is used to submit all the print jobs. The user fills the required fields on the KIP Request application before submitting print jobs. This information is stored in log files that are generated by KIP Controller. The log files are imported by the KIP Controller. You can schedule an import job in Abacus Data Scheduler to retrieve the log files from the KIP Controller. This retrieved data is manipulated by the Abacus system for generating reports and billing.

Following is a pictorial representation of how the system works (For KIP Controller version lower than 6.2):



How Abacus system works with KIP Controller version lower than 6.2

Abacus Data Scheduler supports two types of KIP jobs:

- **KIP Request Integration Job**: Job which defines the fields for the KIP Request application and pushes the Abacus data to the KIP Controller.
- **KIP Data Import Job**: Job to read the KIP Controller log files and import activities to the Abacus database.



Populating Fields to KIP Request Application

(KIP Controller version lower than 6.2)



Follow this procedure for KIP Controller version lower than 6.2

This option allows defining the billing dialog in Request application and populating Abacus data such as users, projects, billing codes, and notes to KIP Request application.

To populate fields to KIP Request application:

- 1. On the job list, click **KIP Jobs**.
- 2. Right-click and select **Create New Job**.

Or,

Click New on the toolbar. The Select Job Type window appears.

Select JobType		×
٩	Select JobType Select KIP jobtype	
K	ect job type IP Data Import Job IP Request Integration Job	

Figure 61: Select Job Type window

3. Select job type as **KIP Request Integration Job** from the **Select job type** drop-down list. The **Select KIP Controller version** drop-down list appears.

Select KIP Controller version	
Lower then 6.2	•
Lower then 6.2	
6.2 or higher	

Figure 62: Select KIP Controller version drop-down list



4. Select the KIP controller version as **Lower than 6.2** from the drop-down list. The **Request KIP Integration** window appears.

	te KIP Export Job		
	e an export job to setup	scheduling job	
Job name Po	pulate_KIP_Lower		i:
	ob to push data to KIP is		
 A state of the sta	ntroller/Scanner ini file (
🔽 Enable this jo	ob to push data to KIP R	equest application	
-	quest in file (ex: Winreq.		2005
U:\Program File	es\KIP\Request\WinRe	eq.ini	
inimod executabl	le path		
Path to inimod.e	exe file		
	exe file es\Abacus\DataSchedu	uler\inimod.exe	
C:\Program Fil	es\Abacus\DataSchedu	uler\inimod.exe	
C:\Program File	es\Abacus\DataSchedu Fileds	uler\inimod.exe Display Text	 Display Option
C:\Program File Select Required	es\Abacus\DataSchedu Fileds		Display Option
C:\Program File Select Required Field name	es\Abacus\DataSchedu Fileds		Display Option
C:\Program File Select Required Field name User Project	es\Abacus\DataSchedu		Display Option
C:\Program File Select Required Field name	es\Abacus\DataSchedu		Display Option
C:\Program File Select Required Field name User Project	es\Abacus\DataSchedu		Display Option
C:\Program File Select Required Field name User Project Silling Code	es\Abacus\DataSchedu	Display Text	Display Option
C:\Program File Select Required Field name User Project Silling Code	es\Abacus\DataSchedu	Display Text	Display Option

Figure 63: Request KIP Integration window (For Lower than 6.2)

- Enter a job name in the **Job name** text box.
- Select Enable this job to push data to KIP Request application check box. The Path to KIP Request in file gets enabled.



• Click (buddy button) to browse the path to KIP Request ini file. By default, the path to inimod.exe file is populated.

Select Required Fields section: You can select the fields that appear on the **KIP Request – Submit Print Job** screen as per your requirement. KIP Request application allows integration of maximum three fields.

Each field has the following options:

- Check box To activate particular fields; select the check box adjacent to each field. If you select a field, that particular field is displayed on the KIP Request – Submit Print Job screen.
- **Validation** The following are the validation options:
- Required Selecting 'Required' indicates the validation is mandatory for all activities (all print / copy / fax / scan jobs)
- Optional Selecting 'Optional' indicates validation is not required / not mandatory.
- **Display Option** This field indicates how the data is displayed.
- User/Password Validation Selecting this indicates the data is displayed only to the users with valid password. KIP Request application accepts only users with valid and unique password.
- User/Pin Validation Selecting this indicates the data is displayed only to the users with valid PIN. KIP Request application accepts only users with valid and unique PIN.
- **No Validation** Selecting this indicates the data is displayed to all the users without any validation.
- ProjectName Selecting this indicates the projects are displayed by the project names.
- **ProjectNumber** Selecting this indicates the projects are displayed by the project numbers.



Field name	Validation	Display Text	Display Option
🗸 User	Required 💌	User Name	User/Password 💌
Project	Required 💌	Project Name	ProjectName 💌
🔽 *Billing Code	Required 💌	Billing Code	
■ *Notes	-		1

Figure 64: Select Required Fields section

- User field:
 - Select the **User** check box to enable the **User** field.
 - Select an appropriate option from the Validation drop-down list.
 - Enter the text that you want to display in the **Display Text** text box.
 - Select the display option from the **Display Option** drop-down list.
- Project field: Apply the above procedure for the Project field.
- You can activate either of the two fields **Billing Code** or **Notes**. Apply the same method as in **User** field to select particular options or entering text in the given text box.
- 5. Click **Next** to continue. The **Schedule Job** window appears.



chedule .	Job
٩	Schedule Import Job Schedule the import job to setup scheduling job
Nan	ne Populate_KIP_Lower
□ Don't	schedule this job
and the second second	egular interval H: 0 M: 0 S: 0
☐ Dai	ly At: 12:16:17 PM <u>↓</u>
Г We	At: 12:16:17 PM — an: CTue: C: Wed: C. Thu: C. Fri: C. Sat: C. Sun
Mor	At: 12:16:17 PM
	< <u>Back</u> Next> Cancel

Figure 65: Schedule Job window

Schedule job window is used to automatically run the activity at specified intervals. If you choose not to schedule a job, you can manually execute the job using Run Job option.

- 6. Perform either of the two activities in the Schedule Import Job window:
 - Select **Do not schedule this job** check box to avoid executing the import job automatically. Note that the **Run Job** section becomes inactive.

Or,

- Clear the **Do not schedule this job** check box to schedule the job. Note that the **Run Job** section is now becomes active. You may choose to schedule a job at regular intervals or daily or weekly or monthly as per your requirement.
- Select At regular interval check box. Specify the hours, minutes and seconds at which the job is automatically executed. For example, every 2 hours, 52 minutes and 34 seconds.

Or,



• Select **Daily** check box. Specify the time at which the job is automatically executed. For example, daily at 9:45:28 AM.

Or,

 Select Weekly check box. Click a day and time at which the job is automatically executed. For example, every Monday at 6:15:00 PM

Or,

- Select Monthly check box. Select the day and time at which the job is automatically executed. For example, on every 5th day of the month at 10:30:00 AM.
- 7. Click **Next** to continue. The **Finish Job** window appears.

Job Information -				
Name:	Import [Data:	Import Source:	
opulate_KIP_Lo	wei KIP Data	a Export	Scanner ini Path=	
Source Informatio	on			
mport Option				
-				
Path				
	h= C:\Program Files	\KIP\Request\WinF	}ea.ini	
Field Mapping In		1	7 7	
Field Name	Validation	Display Text	Display Option	
User	Required	User Name	User/Password	
Project	Required	Project Name	ProjectName	
Billing Code	Required	Billing Code		
Schedule Informa Not Scheduled	ation			

Figure 66: Finish Job window



8. Review the KIP job details and click **Finish**. The new job is added in the job list under **KIP Jobs**.

Run Job

The next step is to run the "populate / push" job. **Run Job** option is used to manually execute or perform a KIP job. It is necessary to run the job so that data gets populated in the KIP Request application.

To run job:

- Right-click the job name and click Run Job Or, Select the job name. On the File menu, click Run Job.
- 2. Wait till KIP Request application fields are populated.
- 3. The job status and remarks are displayed in the job details window.

Import Job Info	rmation	Map Fie	lds		
Import Data	Populate_KIP_Lower	Field User		DisplayText	DisplayOption User/Password
Source	Scan Path=		Kequired	User Manne	validation
Destination	Req Path=C:\Program Files\KIP\Request\WinReq.ini	Project	Required	Project Name	ProjectName
Schedule Info		Billing Code	Required	Billing Code	
Status:	NOT SCHEDULED				
Schedule:					View Log
Time	04/29/2008 02:03 PM				
Status Remarks	SUCCESS				
Success					

Figure 67: Job details window - Run job status and remarks



Transfer settings to KIP Controller (for KIP Controller version lower than 6.2)

The next step is to transfer data from the KIP Request application to the KIP Controller.

To transfer settings to the KIP Controller:

1. Open the KIP Request application.

	Request iew Sort Option Manage Trar P Internal F All File Types All Folders All Folders IntelliAdir All Folders IntelliAdir All Folders Internet E Internet	Date: Enlarge/Reduce: Media Type: Pen Table:	DEFAULT Automatic				VT JOB
D R O		ted Files		Pen Table	Stamp	Fold	Rotation
P B O X		 Roll Information N	ot Found!	Kip Job Code:	VUMAMOJA	files in th	re Job 0

Figure 68: KIP Request application window

The highlighted part of the screenshot shows the fields that have been populated in the KIP Request application through Abacus Data Scheduler.

2. On the **Option** menu, click **Prompt Setup**. The **Prompt Setup Menu** appears.



Prompt Setup Menu		
Make "User Name:" a required Field Make the "User Name:" Field a	Make 'Project Name:' a required Field	Make 'Description' a required Field
Pulldown Menu	Pulldown Menu	Pulldown Menu
T Default 'Stamp' Checkbox to ON		

Figure 69: KIP Request application - Prompt Setup Menu

3. Configure the setup by selecting the appropriate check boxes. Select the check box to make the fields as drop-down list. Then click **OK**.

Note that all the three fields have drop-down list. Verify the data is populated in the drop-down list.

User Name:	
Project Name:	
Billing Code:	AMA
Requested Time:	AMA AMA
Date:	AMA
Enlarge/Reduce:	AMA AMA
Media Type:	
Rotation:	Automatic
# of Copies:	1 Collate

Figure 70: KIP Request application window

4. On the **Transfer** menu, click **Upload settings to printer**. It takes several minutes to upload the settings to the printer. KIP Request window appears.



Figure 71: KIP Request window



5. Click **OK**. Once this is done all the Request applications can download the settings from the KIP Controller.

Populating Fields to KIP Controller (KIP Controller version 6.2 or higher)

For KIP Controller version 6.2 or higher, Abacus Data Scheduler populates data directly on to the KIP Controller.



Follow this procedure for KIP Controller version 6.2 or higher.

To populate fields to KIP Controller:

- 1. On the job list, click **KIP Jobs**.
- 2. To create a new job:
 - Right-click and select **Create New Job**.

Or,

Click New on the toolbar. The Select Job Type window appears.

Select Jo	obType	
٩	Select JobType Select KIP jobtype	
Г	ect job type IP Data Import Job IP Request Integration Job	

Figure 72: Select Job Type window

- 3. Select job type as **KIP Request Integration Job** from the **Select job type** drop-down list.
- 4. Select KIP Controller version from the **Select KIP Controller version** drop-down list appears.



Select	KIP Controller version	
	Lower then 6.2	
	6.2 or higher	

Figure 73: Select KIP Controller version drop-down list

5. Select the KIP controller version as **6.2 or higher** from the drop-down list. The **Dialog** window appears.

obName	Populate	e_KIP_Higher	
(IP Controller IP Addr	ess 10.0.0.5	52	
emp path for proces	sing C:\Prog	ram Files\KIP\Request [\]	WinReq.ini
elect Required Filed	s		
Field name			
▼ User [Required 🗾	User Name	User/Password -
✓ Project	Required 💌	Project Name	ProjectName 💌
☑ *Billing Code 🛛	Required 💌	Billing Code	_
Notes	•		
* indicates only one I	field can be selecte	, ed	

Figure 74: Dialog window (For 6.2 or higher)

6. Click <u>here</u> to follow the remaining procedures.



Run Job

The next step is to run the "populate / push" job. **Run Job** option is used to manually execute or perform a KIP job. It is necessary to run the job so that data gets populated in the KIP Request application.

To run job:

- Right-click the job name and click Run Job. Or, Select the job name. On the File menu, click Run Job.
- 2. Wait till fields are populated to the KIP Controller. The job status and remarks are displayed in the job details window.

Import Job Info	rmation	Map Fie	lds		
		Field	Validation	DisplayText	DisplayOption
Import Data	Populate_KIP_Lower	User	Required	User Name	User/Password validation
Destination	Req Path=C:\Program Files\KIP\Request\WinReq.ini	Project	Required	Project Name	ProjectName
Schedule Info		Billing Code	Required	Billing Code	
Status: Schedule:	NOT SCHEDULED				
Last Execution					View Log
Time	04/29/2008 02:03 PM				
Status Remarks	SUCCESS				
Success					~

Figure 75: Job details window - Run job status and remarks

The settings are now transferred to the KIP Controller.

3. Go to C:\Program Files\KIP\Request and open WinReq.ini file. Ensure that Unified Accounting is set to 1.





If Unified Accounting = 1, settings are downloaded from the KIP Controller. If Unified Accounting = 0, settings are downloaded from local system.

4. Open the KIP Request application.

R KIP Request								- 6 2
File View Sort Opti	on Manage Tran	sfer						
KIP Inte	ernal F	Request _{16.5.7}				SUB	VIT PRI	NT JOB
for : All File Ty	rpes 🔹 🗈	<u>*</u>						
	intelliAdır 📐	Contents of: C:\Program Files\/ Name						
	- 🛅 Java - 🛅 Java Wel	AdCommon.dll	User Name:	[
0		AdlmagingServic appSinklw.hdi Blank.ttc	Project Name: Billing Code:					
♣	🛨 🦲 Requ	Cropexe.exe	Requested Time:	14:12				
	🗄 🛅 Unatt	DwfConvert.exe	Date:	4/29/2008				
	- 🛅 Microsofi - 🛅 microsofi 😑	EPlotCommon.dll EPlotCore.dll	Enlarge/Reduce:	100.0%				
Heac	Microsoff	EPlotModel.dll	Media Type:	Bond				•
	Can Microsofi	ftprollinfo.dat	Pen Table:	A.C.				•
	Contraction Microsoft	gdifontlw.hdi		Automatic				•
	Microsofi	gdiplus.dll	# of Copies:	1 Collate				
	- Canal Microsofi - Canal Movie Ma	heidilw.dll						
	🛅 MSN 🛅 MSN Gan	kipconve.exe						
	🛅 NetMeetir	kipreadme.txt						
U V	netprome 🗡							
		Sele	cted Files		Pen Table	Stamp	Fold	Rotation
0 P								
B O X								
X					Kip Job Code:	VUMAMOJA	files in th	
			Roll Information N	ot Found!				

Figure 76: KIP Request application window

The highlighted part of the screenshot shows the fields that have been populated in the KIP Request application through KIP Controller.

5. On the **Option** menu, click **Prompt Setup**. The **Prompt Setup Menu** appears.



Field	I I I I I I I I I I I I I I I I I I I	Field
 Make the 'User Name:' Field a Pulldown Menu 	Make the 'Project Name:' Field a Pulldown Menu	Make the 'Description' Field a Pulldown Menu
Default 'Fold' Checkbox to ON	,	·

Figure 77: Prompt Setup Menu

- 6. Select the appropriate check boxes to configure the setup.
 - Select the check box under each section to make the particular field as required one.
 - Select the appropriate check boxes below each required fields to make that a drop-down list.
- 7. Then click **OK**.

Note that all the three fields have drop-down list. Verify the data is populated in the drop-down list.

User Name:	•
Project Name:	
Billing Code:	
Requested Time:	AMA
Date:	AMA AMA
Enlarge/Reduce:	AMA AMA
Media Type:	AMA
Pen Table:	DEFAULT
Rotation:	Automatic
# of Copies:	1 Collate

Figure 78: KIP Request application window



Reading KIP Log Files

This option allows you create a "Pull" job to read the KIP log files. Whenever you run the "Pull" job, all KIP activities are imported from KIP log files to Abacus Database.

To read log files:

- 1. On the job list, click **KIP Jobs**.
- 2. To create new job:
 - Right-click and select **Create New Job**.

Or,

• Click **New** on the toolbar.

Or,

• On the File menu, click New Job. The Select Job Type window appears.

Select Jo	ьТуре		×
٨	Select JobType Select KIP jobtype		
	ect job type IP Data Import Job IP Request Integration Job		

Figure 79: Select Job Type window

3. Select job type as **KIP Data Import Job** from the drop-down list and click **Next**. The **Create New Data Import Job** window appears.



Create New Data Import Job		×
Create Import KIP Job Create an import job to setu	up scheduling job	
Job Name KIP_Import		
Local Directory for Processing C:\Programs		
KIP Controller Name/ IP Address 10.0.0.52	User Authentication	
Import Job type Read Print Log Files		
Log failed records to csv file Create failed log files path		
C:\Programs		
Import jobs Print Copy Scan	Billing popup option C Always When full information is not entered Never display billing popup Apply Tracking Rules	
	< Back Next > Cance	:

Figure 80: Create New Data Import Job window

- i. Enter a job name in the **Job Name** text box.
- ii. Browse a local directory for processing. For example: C:\Programs



- iii. Enter the KIP Controller name or the IP address of the machine where the KIP Controller is installed in the given text box.
- iv. Select the **Import Job Type** from the given drop-down list.
 - Select Read Print Log Files to import the print log files.
 - Select **Read Scan Log Files** to import the scan log files.
- v. If you need to log failed records to csv file then select the **Log failed records to** csv file check box and provide a path. For example, C:\Programs
- vi. From the **Import Jobs** section, select the jobs you need to track from the KIP log files.
- vii. From the Billing pop-up option section:
 - Click to select Always option if you want to display the Abacus Billing pop-up on the users desktop once the job is imported.
 - Click to select the When full information is not entered option if you want to display the Abacus billing pop-up only if the full information is not entered such as Project, Phase etc.
 - Click to select the Never display billing pop-up option if you do not want the Abacus billing pop-up to get displayed for any KIP job imported.
- 4. Click **Next** to continue. The **Field Map Page** window appears.



JobName Column:1 Column Filter Type _None_ Print Column Filter MachineName None_ Column Filter MachineName None_ Column Filter Copies Column:6 Column Filter Quantity Column:7 Column Filter Width Column:13 Column Filter Length _None_ Column Filter Project Column:3 NULL Column Filter Phase Column:4 Column Filter Device _None_ NULL Column Filter Media Column:5 NULL Column Filter BillCode _None_ NULL Column Filter PrintBy Column:2	Destination	Source Fields	Def	ault	Filter	Filter Desc
Type None _ Print _ Column Filter MachineName None _ Column Filter if value isbetwee Quantity Column:6 _ Column Filter if value isbetwee Quantity Column:7 _ Column Filter Width Column:13 _ Column Filter Length _None _ Column Filter Project Column:14 _ Column Filter Phase Column:14 _ Column Filter Device _None _ NULL Column Filter BillCode _None _ NULL Column Filter PrintBy Column:2 _ Column Filter Notes Column:11 _ Column Filter Notes Column:14 _ Column Filter Notes Column:8 _ Column Filter						
MachineName None_ Column Eilter Copies Column 6 Column Eilter if value isbetwee Quantity Column 7 Column Eilter Width Column 13 Column Eilter Length _None_ Column Eilter Project Column 14 Column Eilter Phase Column 14 Column Eilter Device _None_ NULL Column Eilter Media Column 5 NULL Column Eilter BillCode _None_ NULL Column Eilter PrintBy Column 2 Column Eilter Notes Column:11 Column Eilter Notes Column:14 Column Eilter Notes Column:8 Column Eilter	Туре	None	Print	+	tool and the formulation and the form	
Quantity Column:7 Column Filter Width Column:13 Column Filter Length None_ Column Filter Project Column:3 NULL Column Filter Phase Column:14 Column Filter Device None_ NULL Column Filter Media Column:5 NULL Column Filter BillCode None_ NULL Column Filter PrintBy Column:2 Column Filter CreateDate Column:11 Column Filter Notes Column:14 Column Filter TotalArea Column:8 Column Filter	MachineName				Company of Control Providence State of Control	
Quantity Column:7 Column Filter Width Column:13 Column Filter Length None_ Column Filter Project Column:3 NULL Column Filter Phase Column:14 Column Filter Device None_ NULL Column Filter Media Column:5 NULL Column Filter BillCode None_ NULL Column Filter PrintBy Column:2 Column Filter CreateDate Column:11 Column Filter Notes Column:14 Column Filter TotalArea Column:8 Column Filter	Copies	Column:6	-		Column Filter	if value isbetwee
Length _None_ Column Eilter Project Column:3 NULL Column Eilter Phase Column:14 Column Eilter Device _None_ NULL Column Eilter Media Column:5 NULL Column Eilter BillCode _None_ NULL Column Eilter PrintBy Column:2 Column Eilter Column Eilter Column:11 	Quantity	Column:7	-			
Project Column:3 NULL Column Filter Phase Column:14 Column Filter Device None_ NULL Column Filter Media Column:5 NULL Column Filter BillCode None_ NULL Column Filter PrintBy Column:2 Column Filter CreateDate Column:11 Column Filter Notes Column:14 Column Filter TotalArea Column:8 Column Filter	Width	Column:13	-		Column Filter	
Phase Column:14 Column Filter Device _None_ NULL Column Filter Media Column:5 NULL Column Filter BillCode _None_ NULL Column Filter PrintBy Column:2	Length	_None_	-		Column Filter	
Device _None_ ▼ NULL ▼ Column Filter Media Column:5 ▼ NULL ▼ Column Filter BillCode _None_ ▼ NULL ▼ Column Filter PrintBy Column:2 ▼ Column Filter CreateDate Column:11 ▼ Column Filter Notes Column:14 ▼ Column Filter TotalArea Column:8 ▼ Column Filter	Project	Column:3	NULL	-	Column Filter	
Media Column:5 VULL Column Filter BillCode _None_ NULL Column Filter PrintBy Column:2 Column:11 Column Filter Notes Column:14 Column Filter TotalArea Column:8 Column Filter	Phase				Column Filter	
BillCode _None_ NULL Column Filter PrintBy Column:2 CreateDate Column:11 Column Filter Notes Column:14 Column Filter TotalArea Column:8	Device	_None_	NULL	-	Column Filter	
PrintBy Column:2 CreateDate Column:11 Column Filter Notes Column:14 Column Filter TotalArea Column:8 Column Filter	Media	Column:5	NULL	-	Column Filter	1
CreateDate Column:11 Column Filter Notes Column:14 Column Filter TotalArea Column:8 Column Filter	BillCode	_None_	NULL	-	Column Filter	
Notes Column:14 TotalArea Column:8 Column Filter	PrintBy	Column:2	-		Column Filter	
TotalArea Column:8 - Column Filter	CreateDate	m muuluuninin uuninininininininininininininini	×		Column Filter	
		Column:14	·		Column Filter	
	TotalArea	Column:8	•		Column Filter	
None					Co	nfigure Row Filters

Figure 81: Field Map Page window

- 5. In the Field Map Page window, the source fields are mapped to corresponding destination fields. Review and change the mapping if required. Column and Row filters can be set here depending on the conditions of import. Follow the procedure:
 - a) Select the **Source Fields** and then click corresponding **Column Filter** to apply filter. The **Apply Filter** window appears.

In this example, the above screenshot shows filter condition to be applied for the source field – Column:6.



Apply Filter		
Filter condiation for Source Contes Operator Detween	Values	nation Column
T Reverse Flag	10 20	Modify Delete
Action C Discard Column Use Default Value C Discard Row		
	Cance	el Apply

Figure 82: Apply Filter window

- b) Select an Operator from the drop-down list. The available options are =/in, between, !=, StartsWith, EndsWith, Contains, <, and >.
 - =/in is used for specifying "if the value is equal to or in"
 - **between** is used for specifying "if the value is between 2 values" say, 10-20
 - I is used for specifying "if the value is not equal to"
 - StartsWith is used for specifying "if the value starts with"
 - EndsWith is used for specifying "if the value ends with"
 - Contains is used for specifying "if the value contains"
 - < is used for specifying "if the value is lesser than"</p>
 - > is used for specifying "if the value is greater than"
- c) Enter the values for the selected operator and click Add.
- d) Select the appropriate actions.



e) Click **Discard Column** to ignore the column values and enter a default value in the **Use Default Value** text box to use a selected default value or click **Discard Row** to ignore the whole row.

In the above example, if the column: 6 value is in between 10 and 20, then do no import the entire row.

- f) Click **Apply**. The filter conditions are applied in the **Field Map Page** window.
- 6. Click **Configure Row Filters** to apply row filters. The **Row Filters** window appears.

imbursable se an item imbursable	(bec.		
	1000		
	•	Add Filter	
perator	Values		
perator			Add
	I		
			Delete
1			

Figure 83: Row Filters window

7. Select the appropriate filters and click **Close**.

In the above example, if the source column:5 value is equal to 10, then set the Billing Code value as Non-Reimbursable. The **Field Map Page** window appears with the applied row filter details.



8. Click **Next** to continue. You may encounter with warning messages. However, it is not mandatory to apply filter conditions for all the columns.

9.	Click Yes to continue.	The Schedule Job window appears.

hedule Job	
Schedule Import Job Schedule the import job to setup scheduling job	
Name KIP_Import	
Don't schedule this job Run job	
At regular interval H: 0 M: 0	
Daily At: 3:20:18 PM	
At: 3:20:18 PM	
C Mon C Tue C Wed C Thu C Fri C Sat C Sun	
At: 3:20:18 PM	
< <u>B</u> ack <u>N</u> ext >	Cancel

Figure 84: Schedule Import Job window

Schedule Import Job window is used to automatically run the activity at specified intervals. If you choose not to schedule a job, you can manually execute the job using **Run Job** option.

- 10. Perform either of the two activities in the Schedule Import Job window:
 - Select **Do not schedule this job** check box to avoid executing the import job automatically. Note that the **Run Job** section becomes inactive.

Or,



- Clear the **Do not schedule this job** check box to schedule the job. Note that the **Run Job** section is now becomes active. You may choose to schedule a job at regular intervals or daily or weekly or monthly as per needs.
- Select At regular interval check box. Specify the hours, minutes and seconds at which the job is automatically executed. For example, every 2 hours, 52 minutes and 34 seconds.

Or,

 Select **Daily** check box. Specify the time at which the job is automatically executed. For example, daily at 9:45:28 AM.

Or,

 Select Weekly check box. Click a day and time at which the job is automatically executed. For example, every Monday at 6:15:00 PM

Or,

- Select Monthly check box. Select the day and time at which the job is automatically executed. For example, on every 5th day of the month at 10:30:00 AM.
- 11. Click **Next** to continue. The **Finish Import Job** window appears.



2.701.70.0) ata: Int Log Files	Import Source:	
	Keao Fil	nt Log Files	٨٣	
ource Information	n			
noort Option				
pdate Existing				
- 41-				
ath				
:\temp				
ield Mapping Info	ormation			1.001
Field Name	Validation	Display Text	Display Option	~
		inone	++	
		None		
		it value isbetw		
Quantity				
Vidth				
enath	None	None	I.	
chedule Informati	ion			
	au.,			
run job at every	(THIS: UMINS: US	ecsj		
	ion (1 Hrs:0 Mins:0 S	ecs)		
hedule Informati	ion			
to all the test second				
	: Natione	: SILLI PE		
enath	i None	None	1 1	
enath	None	None	1	×
enath			T	×
opath			11	*
/idth				~
/idth	Column:13	if value isbetw		(272)
Jidth				1.00
Judricity				
)uantity	Column:7	if value is!= (1	<u> </u>	
lopies		it value isbetw		
		if value isbetw	1	
	Calumput	if ushe ishetur	+	
		None		
1achineName	None	None	1	
		Nese	1	
		INONE		
уре	None			
obName	Column:1	if value is=/in (
riela ivame				<u> </u>
Field Name	Validation	Display Text	Display Option	~
		Constant and the second second	1	10000
eld Mapping Info	ormation			
eld Manning Info	ormation			
27.7				
2				
pdate Existing				
port Option				
	1			
ouroo Information				
IP_Import	Read Pri	int Log Files	KP	
ame:) atar	Import Source:	

Figure 85: Finish Job window

12. Review the KIP job details and click **Finish**. The new job is added in the job list under **KIP Jobs**.



Run Job

The next step is to run the "read log files" job. **Run Job** option is used to manually execute or perform a KIP job. It is necessary to run the job so that data gets imported from the KIP Controller to the Abacus database.

To run job:

 Right-click the job name and click Run Job. Or,

Select the job name. On the File menu, click Run Job.

2. Wait till KIP Controller log files are processed. The **Run Options** window appears.

C Since La	ST EXECUTION
Start date	4/29/2008 💌
End date	4/29/2008
 Selected F apr08.log 	-iles
☐dec07.log ☐feb08.log	

Figure 86: Run Options window

- 3. Select one of the following options:
 - Select **Run All** to execute all the files.
 - Select **Since Last Execution** to execute all the pending files since last execution.
 - Select Dates to execute all the files between the mentioned Start date and End date.
 - Select **Selected Files** and choose the files to be executed.
- 4. Click **Run**. The job status and remarks are displayed in the job details window.



Import Job Informa	tion	Map Fields			
Import Data Source	KIP_Import KP	Source JobName	Destination Column:1	n Filter If value is =/in (1,2) Then Discard Column	•
Destination	КР	Туре	_None_	None	
		MachineNan	ne _None_	None	
Schedule Info			Column:6	If value is between	5
Status:	NOT SCHEDULED	Copies	Columnits	(10) Then Discard Row	
Schedule:		(z <u></u>			*
Last Execution				View Log	
Time	04/29/2008 03:28 PM				
Status	SUCCESS				
Remarks					
Total Parsed = 8:F	ailed=0 : Ignored =0			2	~

Figure 87: Job details window - Run job status and remarks



Chapter 6 MetaPrint Jobs

In this chapter, you will learn about:

- Overview
- Direct Integration
- Integrating MetaPrint Log Files with Abacus Data Scheduler
- Creating a MetaPrint Job
- Run Job



Overview

MetaPrint server integration can be done in two ways:

- Direct Integration
- MetaPrint Log Files Integration

Direct Integration

The Direct integration allows tracking prints from MetaPrint Server on the fly and updates to Abacus database through Abacus Communication server.



Abacus billing pop-up is a pre-requisite for direct integration.

MetaPrint 2.1.3 – Abacus Server Direct Integration

- 1. Open MetaPrint Server Application.
- 2. Click the arrow next to **Tools** and then click **Abacus Preferences**. The **Abacus MetaPrint Integration Settings** window appears.

Version 2	2. 0. 8. 0
Abacus Commun	ication server details
Server Address	localhost
Server Port	8000
Build Activity for	each
Job	
C File	
rack the followi	ng jobs
PRINT Jobs	s
RIP Jobs	
SCAN Jobs	

Figure 88: Abacus MetaPrint Integration Settings

3. Enter the server address in the **Server Address** text box. This is the name or IP address of the machine where the Abacus communication server is installed.



- 4. Enter the **Server Port** as 8000. By default Abacus communication server port is set to 8000. If port is changed during the installation, then enter the port number on which the Abacus communication server is configured.
- 5. In the **Build Activity for each** section:
 - Click Build Activity for each Job to select the Activity to create each MetaPrint job.
 - Click Build Activity for each File to select the Activity to create each file in the job.
- 6. Select the tracking options.
- 7. Click Save.
- 8. Click the arrow next to **Tools** and then click **Preferences**. The **Preferences** window appears.

	(Conoral
Application General togging Defaults File Processing	Ceneral
	Check for Updates Check for updates Every day(s)

Figure 89: Preferences window

9. Under **Preferences** section ensure that **Prompt Accounting For Queue Jobs** and **Enable External Tracking Plugins** check boxes are selected.



- 10. Click **OK**.
- 11. Explore C:\Program Files > MetaPrint Server > Plugins and confirm AbacusSTForMP.dll and AbacusSTForMP.ini files are present.
- 12. Copy accounting.jss file in MetaPrint Server root folder. You can find accounting.jss file in C:\Program Files > MetaPrint Server.
- 13. You can test the MetaPrint-Abacus integration by printing some test jobs. To print:
 - a) Open MetaPrint Server application.
 - b) Click **Print** on the main toolbar and send job to **Printer**. The **Job Accounting Information** window appears.

Job Accounting Information				
MetaPrint Remote WorkOrder Ph. 1-877-TRY-ARC1 Fax. 510 403 2499 email: support@planwell.com	MetaPrint"			
Submit Destination	<u> </u>			
	Submit Cancel			
Ordered By	Accounting Information			
-Select-	Project List			
, - email: phone:, fax:	Phase List Billing Codes			
Account:	Paper Type			
	1077.			

Figure 90: Job Accounting Information window - with Abacus integration



MetaPrint 2.1.3 – Abacus Client Integration

- 1. Open MetaPrint Client Application.
- 2. Click the arrow next to **Tools** and then click **Preferences**. The **Preferences** window appears.

C Application	General
C General C Defaults	Default Settings ini file (settings common across multiple users)
File Processing	
	Preferences Add Files in Alphabetical Sort Order Hide Thirdparty Commandine Windows
	Prompt Accounting For Queue Jobs Automatically choose best paper size in list Dne Click Control
	Email Notifications
	Notification Email Server/Domain
	Default Email Address
	User Name
	Password
	Check for Updates Check for updates Every dev(s)
	(ddMe)

Figure 91: Preferences window

- 3. Under **Preferences** section ensure that **Prompt Accounting For Queue Jobs** check box is selected.
- 4. Click OK.
- 5. Copy accounting.jss file in MetaPrint Client root folder. You can find accounting.jss file in C:\Program Files > MetaPrint Client > metaprint_share.

Or,

You can integrate through global .ini file. Follow these steps:

6. Explore C:\Program Files > MetaPrint Client > metaprint_share folder.

Abacus Data Scheduler



- 7. Ensure that **metaprint_share** folder is shared.
- 8. Point MetaPrint Client to MetaPrintSettings.ini file.
- 9. Configure MetaPrintSettings.ini file for MetaPrint Client Integration.

MetaPrintSettings.ini - Notepad
File Edit Format View Help
; leave the items values blank in order to not copy the default settings to remote client workstation
[Global] ; Copy Values : IFEMPTY, NEVER, ALWAYS Copy=IFEMPTY
; Override values: REPLACE, APPEND Override=REPLACE [Accounting] ; Accounting Fields : 0 or 1 DropListProject= DropListReason= ProjectRequired= ReasonRequired=
AccountingFile=\\IP ADDRESS of Server\metaprint_shared\Accounting.js
[settings] ; DateFormat values: %m (month),%d (day),%y (year) %m/%d/%y or %d/%m/%y DateFormat=
; smooth greyscale type viewer : 0 or 1 Antialiasing=

Figure 92: MetaPrintSettings.ini file - Configuration

- 10. Enter AccountingFile=\\ [IP Address of Server]\metaprint_shared\Accounting.js.
- 11. Save the changes and close the file.

Integrating MetaPrint Log Files with Abacus Data Scheduler

This integration allows importing the activities data from MetaPrint Log (CSV) files.

To integrate MetaPrint log files with Abacus Data Scheduler:

Install Abacus Data Scheduler application. The Abacus Data Scheduler application need not be on the same machine where you installed the MetaPrint server. The Data Scheduler can be installed on any machine.

- 1. Open MetaPrint Server Application.
- 2. Click the arrow next to **Tools** and then click **Preferences**. The **Preferences** window appears.





Figure 93: Tools menu

3. Select Application and click Logging from the Preferences window..

Application General Goging Gofaults File Processing	Cogging Changes may require an application restart
	Job Logging ✓ Log Print Info to file ✓ Log each job file seperately

Figure 94: Preferences window

4. In the **Job Logging** section, select **Log Print Info to file** check box.

-Job Loggin	g
🔽 Log	Print Info to file
	📕 Log each job file seperately

Figure 95: Job Logging section

5. Click **OK**.

The MetaPrint server application generates the CSV log files. These files will be located in C:\Program Files\ MetaPrint Server\Logs directory. Print some test jobs and make sure the log files are generated.



Creating a MetaPrint Job

Abacus Data Scheduler is used to create MetaPrint Import Jobs. This option allows you create a job to read the MetaPrint log files.

When you run a MetaPrint job, all the data is imported from MetaPrint log files to the Abacus database.

To create a MetaPrint job:

- 1. On the job list, click **MetaPrint Jobs**.
- 2. To create a new job:
 - Right-click and select **Create New Job**.

Or,

• Click **New** on the toolbar.

Or,

On the File menu, click New Job.
 The Create New Data Import Job window appears.



Create New Data Import Job		X
Create Import MetaPrint Job Create an import job to setup schedulir	ng job	
Job Name MetaPrint_Import_Job MetaPrint Log directory C:\Programs Metaprint Version 2.x Import Job type PRINT SCAN RIP	User Authentication Billing Popup Option Always When full information is not entered Never display billing popup Apply Tracking Rules	
✓ Log failed records to csv file Create failed log files path C:\Programs		
	K Back Next > Cancel	

Figure 96: Create New Data Import Job window

3. In the Create New Data Import Job window:

a) Enter the job name in the **Job Name** text box.



- b) Click (buddy button) to browse and select the MetaPrint log directory path. It is normally, C:\Programs
- c) If the Abacus Data Scheduler is not installed on the same machine where MetaPrint Server is installed and you need to schedule this job, Abacus data scheduler service requires you to enter valid user information to access the file from the Abacus data scheduler service. Click **User Authentication**. The **User Authentication** dialog box appears.

Please enter the use	r credentials to	o access the	network resourc
omain\Username			
			Resel
assword			
Test Connection	() S	Save	Cancel

Figure 97: User Authentication dialog box

- d) Enter the valid user name and password to access the folder and click **Test Connection** to test the connection. Then click **Save** to save your settings.
- e) Select the version from the Metaprint Version drop-down list.
- f) Select the jobs to be imported from the Import Job type list.
- g) From the Billing pop-up option section:
 - Click to select Always option if you want to display the Abacus Billing pop-up on the users desktop once the job is imported.
 - Click to select the When full information is not entered option if you want to display the Abacus billing pop-up only if the full information is not entered such as Project, Phase etc.
 - Click to select the Never display billing pop-up option if you do not want the Abacus billing pop-up to get displayed for any MetaPrint job imported.
- h) Select Apply Tracking Rules check box to apply tracking rules.
- i) Select the Log failed records to csv file check box to log failed records to csv file. The Create failed log files path is enabled. Provide a path. For example, C:\Programs.



4. Click Next. The Field Mappings window appear	s.
---	----

Destination Fields	Source Field	s	Default	Filter	Fitter Desc
JobName	Jobname	-	terterterterterterterter	Column Filter	None
Туре	jobtype	-		Column Filter	None
MachineName	_None_	-		Column Filter	None
Copies	copies	-		Column Filter	None
Quantity	pages	-		Column Filter	None
Width	width	•		Column Filter	None
Length	height	-		Column Filter	None
Project	project	-	•	Column Filter	None
Phase	phase	-	te terterte te te te te	Column Filter	None
Device	printer	-	-	Column Filter	None
Media	media	-	•	Column Filter	None
BillCode	reimbursable	-		Column Filter	None
PrintBy	User	-		Column Filter	None
CreateDate	submitdate	•		Column Filter	None
Notes	Reason	-		Column Filter	None
TotalArea	sqft	-		Column Filter	None
low Filter Details				Configur	e Row Filters

Figure 98: Field Mappings window

5. In the **Field Mappings** window, the source fields are mapped to corresponding destination fields. Review and change the mapping if required. Column and Row filters can be set here depending on the conditions of import. Follow the given procedure to set the condition:



j) Select the **Source Fields** and then click corresponding **Column Filter** to apply filter. The **Apply Filter** window appears.

In this example, the above screenshot shows filter condition to be applied for the source field – Jobname.

Apply Filter		×
Filter condiation for Source UnbName Condition Operator	Column : Jobname Destionatio	n Column
[!=	▼ print	Add
	print	Modify
🗖 Reverse Flag		Delete
Action		
Discard Column Use Default Value		
Print		
C Discard Row		
	Cancel	Apply

Figure 99: Apply Filter window

- k) In the **Condition** section, select an **Operator** from the drop-down list. The available options are =/in, between, !=, StartsWith, EndsWith, Contains, <, and >.
 - =/in is used for specifying "if the value is equal to or in"
 - between is used for specifying "if the value is between 2 values" say, 1-100
 - I is used for specifying "if the value is not equal to"
 - StartsWith is used for specifying "if the value starts with"
 - EndsWith is used for specifying "if the value ends with"
 - Contains is used for specifying "if the value contains"
 - < is used for specifying "if the value is lesser than"</p>
 - > is used for specifying "if the value is greater than"



I) Enter the values for the selected operator and click Add.

m) In the Action section, select the appropriate actions.

- Click **Discard Column** to ignore the column values and enter a default value in the **Use Default Value** text box to use a selected default value.
- Click **Discard Row** to ignore the whole row.
 In the above example, if the column: Jobname value is not equal to Print, then do no import the entire column values. Instead use the default value = print.
- 6. Click **Apply**. The filter conditions are applied in the **Field Mappings** window.
- 7. Click **Configure Row Filters** to apply row filters. The **Row Filters** window appears.

Destination Column		Enter a value		
ProjectStatus	_	In Active		
		Or Choose an item	Add Filter	
		In Active		
2. When the following co	onditions evaluate			
Select Source		Operator	Values	
		_	-	Add
				and the second s
				Delete
Add Condition	1	Clear		Delete
Add Condiation]	Clear		Delete
		Clear		
RowFilters Summary]	Clear		
		Clear		Delete
RowFilters Summary RowFilters ProjectStatus (Va	ue = In Active)	Clear		Delete
RowFilters Summary RowFilters ProjectStatus (Va	ue = In Active)			Delete
RowFilters Summary RowFilters ProjectStatus (Va	ue = In Active)			
RowFilters Summary Row Filters ProjectStatus (Va	ue = In Active)			
RowFilters Summary Row Filters ProjectStatus (Va	ue = In Active)			
RowFilters Summary Row Filters ProjectStatus (Va	ue = In Active)			
RowFilters Summary Row Filters ProjectStatus (Va	ue = In Active)			
RowFilters Summary RowFilters ProjectStatus (Va	ue = In Active)			
RowFilters Summary RowFilters ProjectStatus (Va	ue = In Active)			

Figure 100: Row Filters window



- 8. Select the appropriate filters and click **Close**. In the above example, if the source column:3 value is equal to inactive, then set the project status value as inactive. The **Field Mappings** window appears with the applied row filter details.
- 9. Click **Next** to continue. You may encounter with warning messages such as the following screen shots. However it is not mandatory to apply filter conditions for all the columns.

Abacus	DataImport 🛛 🔣
1	For column Client no mapping, default value or filter is provided Please select Mapping column or Provide default value or add filter For column Department no mapping, default value or filter is provided Please select Mapping column or Provide default value or add filter Do you want to continue?

Figure 101: Data Import warning

10. Click **Yes** to continue. The **Schedule Job** window appears.

-	chedule Import Job hedule the import job to setup scheduling job	
Name N	etaPrint_Import	
Don't sche	dule this job	
Run job	interval	
100 - 100 - 100 - 170 - 170 - 170 - 170 - 170 - 170 - 170 - 170 - 170 - 170 - 170 - 170 - 170 - 170 - 170 - 170	0 M: 0 S: 0	
	1	
🗆 Daily		
	At: 11:23:13 AM +	
Weekly		
	At 11:23:13 AM +	
C Mon	Tue C Wed C Thu C Fri C Sat C Sun	
Monthly		
	At: 11:23:13 AM	

Figure 102: Schedule Job window



Schedule job window is used to automatically run the activity at specified intervals. If you choose not to schedule a job, you can manually execute the job using Run Job option.

- 11. Perform either of the two activities in the Schedule Import Job window:
 - Select **Do not schedule this job** check box to avoid executing the import job automatically. Note that the **Run Job** section becomes inactive.

Or,

- Clear the **Do not schedule this job** check box to schedule the job. Note that the **Run Job** section is now becomes active. You may choose to schedule a job at regular intervals or daily or weekly or monthly as per needs.
- Select At regular interval check box. Specify the hours, minutes and seconds at which the job is automatically executed. For example, every 2 hours, 52 minutes and 34 seconds.

Or,

 Select **Daily** check box. Specify the time at which the job is automatically executed. For example, daily at 9:45:28 AM.

Or,

 Select Weekly check box. Click a day and time at which the job is automatically executed. For example, every Monday at 6:15:00 PM

Or,

- Select Monthly check box. Select the day and time at which the job is automatically executed. For example, on every 5th day of the month at 10:30:00 AM.
- 13. Click **Next** to continue. The **Finish Job** window appears.



lob Information — Name:	Import D		
MetaPrint_Import	PRINT	MP	
Source Information	1		
mport Option			
Ipdate Existing			
puace classing			
Path			
	letaPrint Server\Lo	200	
		.3.	
Field Mapping Info	rmation		100
Source	Destination	Filter	~
JobName		if value is!= (print) then Discard Column D	
Туре	jobtype	None	
MachineName	None	None	
Copies		None	
Quantity	pages	None	
Width	width	None	
l enath	height	None	
Schedule Informati	on		
Not Scheduled			
not o ono dano d			

Figure 103: Finish Job window

14. Review the import job details and click **Finish**. The new job is added in the job list under **MetaPrint Jobs**.



Run Job

Run Job option is used to manually execute or perform a MetaPrint import job. It is necessary to run the job so that data gets imported from the MetaPrint log files to the Abacus database.

To run job:

1. Right-click the job name and click **Run Job**. Or,

Select the job name. On the $\ensuremath{\textit{File}}$ menu, click $\ensuremath{\textit{Run Job}}$.

2. Wait till MetaPrint log files are processed. The **Run Options** window appears.

Figure 104: Run Options window

- 3. Select an appropriate run option.
 - Click **Run All** to execute all the files.
 - Click Since Last Execution to execute all the pending files since last execution.
 - Click **Dates** to execute all the files between the **Start date** and **End date**.
 - Click **Selected Files** and choose the files to be executed.
- 4. Click **Run**. The job status and remarks are displayed in the job details window.



Import Job Informat	ion	Map Fields			
Import Data Source	MetaPrint_Import MP	Source JobName	Destination Jobname	Filter If value is != (print) Then Discard Column Default Value(Print)	- III
Destination	MP	Туре	jobtype	None	
Schedule Info		MachineNar	ne _None_	None	
Status:	NOT SCHEDULED	Copies	copies	None	
Schedule:		Quantity	pages	None	~
Last Execution				View Log	
Time	05/02/2008 12:07 PM				
Status	SUCCESS				
Remarks					
Total Records Parse	ed = 2: Total Records Failed=0				~

Figure 105: Job details window - Run job status and remarks



Chapter 7 Abacus Audit Jobs

In this chapter, you will learn about:

- Overview
- Creating Abacus Audit Job
- Run Job



Overview

You can set auditing rules for events like device tracking, data import jobs, billing pop up and other Abacus services. The auditing settings that you choose for the event categories define your auditing policy.

By defining auditing settings for specific event categories, you can create an auditing policy that suits the needs of your organization.

Creating Abacus Audit Jobs

To create an Abacus audit job:

- 1. On the job list, click **Abacus Audit Jobs**.
- 2. To create a new job:
 - Right-click and select **Create New Job**.

Or,

Click **New** on the toolbar.

Or,

• On the File menu, click New Job.

The Audit Event Manager window appears.



Audit Event Manager	δ
Configuration Device Tracking Data Import Jobs Billing Popup Service Health	Audit Settings Ignore folowing Weekends Action Settings Send Email Restart Service Active Save
	OK Cancel

Figure 106: Audit Event Manager window

3. Click **Configuration** on the left-pane. The **Configure Audit Settings** screen appears in the right-pane.



onfiguration	
evice Tracking ata Import Jobs	Configure Audit Settings
ling Popup	Email Configuration
ervice Health	Smtp Server: mail.mirrorplus.com
	Email Address: john@mirrorplus.com
	Email Server Port: 25
	User: corp\john
	Password:
	WebPost URL:
	Location Name: MirrorPlus
	Send Email using: Smtp
	Save Settings
	Send Test Email to: john@mirrorplus.com Send
	Send mail interval in audits
	Consolidate and send alert emails every 12 hour(s)

Figure 107: Audit Event Manager - Configuration

- 4. Follow the given procedure to configure the email.
 - a) Enter the SMTP server name for delivering the e-mail messages in the **Smtp Server** text box.
 - b) Enter the e-mail address in the Email Address text box.
 - c) Enter the e-mail server port in the **Email Server Port** text box. Default port to which outgoing mail server accepts e-mail messages is 25.
 - d) Enter a valid user name in the **User** text box.
 - e) Enter a valid password in the **Password** text box.
 - f) Enter the location of server on the network in the Location Name text box.
 - g) Select an appropriate e-mail application from the Send Email using drop-down list.
 - h) Click Save Settings to save the e-mail configuration settings.



- i) To send test e-mail, enter your e-mail id in the **Send Test Email To** text box and click **Send** to send a test e-mail.
- j) Enter the number of hours to receive consolidated e-mail alerts at specified intervals in the given text box.
- 5. Click **Device Tracking** in the left-pane. The **Audit Settings** screen appears in the rightpane.

Audit Event Manager		
Configuration Device Tracking Data Import Jobs Billing Popup Service Health	Audit Settings If there is no Activity for any of the devices for more than 0 hours Ignore folowing Weekends Action Settings Send Email Restart Service Active Save	
	ОК	Cancel

Figure 108: Audit Event Manager - Device Tracking

- 6. You can track devices based on the rules you specify.
 - a) Enter the number of hours in the text box. This enables to track the device if the device is idle for specified number of hours.
 - b) Select or clear the Weekends check box. If selected, the tracking does not apply for weekends. This indicates that the device is not tracked during weekends even if the device is idle.
 - c) Select the required **Action Settings**. This specifies what action needs to be done if the device is idle for specified number of hours.



- To send tracking activities through e-mail, select Send Email check box and enter the e-mail address to which tracking activities would be sent.
- Select the **Restart Service** check box to re-start the tracking service.
- Select Active check box to apply the tracking rules for all the devices.
- d) To apply different tracking rules for each device, right-click **Device Tracking** in the leftpane and select **Add New**. The **Add New Item** window appears.

Name	
OCETDS600	
HP Plotter	
\\psdtntwk1008-s1\Hewlett-Packar	

Figure 109: Add New Item window

e) Select the devices and click **Add**. All the selected devices are added under **Device Tracking** in the left-pane.

- f) You can select each device and set the tracking rules based on your requirement.
- g) Once you set the device tracking rules, click Save.



Configuration Device Tracking	Audit Settings	
Data Import Jobs — Billing Popup — Service Health	If any failure occurs in any data import jobs for	
	Ignore folowing	
	□ Weekends	
	Action Settings	
	Send Email Restart Service	

7. Click **Data Import Jobs** in the left-pane. The **Audit Settings** screen appears in the rightpane.

Figure 110: Audit Event Manager - Data Import Jobs

- 8. Specify audit settings for data import jobs as per your requirement.
- 9. Once you set the rules for data import jobs, click **Save**. If any failure occurs in any data import jobs necessary action is taken based on the audit settings.
- 10. Click **Billing Pop-up** in the left-pane. The **Audit Settings** screen appears in the right-pane.



Audit Event Manager		×
Configuration Device Tracking Data Import Jobs Billing Popup Service Health	Audit Settings If Server fails to send Activities to billing popup for 0 times Ignore folowing Weekends Action Settings Send Email Restart Service Active Save	
	OK	Cancel

Figure 111: Audit Event Manager - Billing Pop-up

- 11. Specify audit settings for billing pop-up as per your requirement.
- 12. Once you set the rules for billing pop-up, click **Save**. If the server fails to send activities to billing pop-up, necessary action is taken based on the audit settings.
- 13. Click **Service Health** on the left-pane. The **Audit Settings** screen appears in the rightpane.



ıdit Event Manager		
Configuration Device Tracking Data Import Jobs Billing Popup Service Health	Audit Settings If any failure occurs in any service applications 0 times Ignore folowing Weekends Action Settings Send Email Restart Service Active Save	
	0K	Cancel

Figure 112: Audit Event Manager - Service Health

- 14. Specify audit settings for service applications Abacus Communication Server, Abacus Track Server, and Abacus Scheduler Service.
- 15. Once you set the rules for service applications, click **Save**. If any failure occurs in any service applications, necessary action is taken based on the audit settings.
- 16. Click **OK**. The new job is added in the job list under **Abacus Audit Jobs**.

Run Job

Run Job option is used to manually execute or perform Abacus audit job.

To run job:

- Right-click the job name and click Run Job. Or, Select the job name. On the File menu, click Run Job.
- Wait till Abacus audit jobs are processed. The job status and remarks are displayed in the job details window.



Import Job Informa	tion	Map Fields		
Import Data		Source	Destination	Filter
Source				
Destination				
Schedule Info				
Status:	NOT SCHEDULED			
Schedule:				
Last Execution				View Log
Time	05/02/2008 02:38 PM			
Status	SUCCESS			
Remarks				

Figure 113: Job details window - Run job status and remarks



Chapter 8 Data Export Job

In this chapter, you will learn about:

- Overview
- Creating a Data Export Job
- Run Job



Overview

Data export jobs are used to export data from the Abacus database to .csv or .txt format.

Creating a Data Export Job

To create a data export job:

- 1. On the job list, click **Data Export**.
- 2. To create a new job:
 - Right-click and select **Create New Job**.

Or,

• Click **New** on the toolbar.

Or,

• On the **File** menu, click **New Job**.

The Enter Data Export Job Details window appears.

Enter Data Export Job Details	
Create new data export job Enter job name and select export data type	
Job details Job Name Abacus_Export Export Data Activity Activity Pricing Include Pricing with Activity CorpCode Name Cost Charge	
< Back Next> Ca	ancel

Figure 114: Enter Data Export Job Details window



- 3. Under **Job Details** section:
 - a) Enter the job name in the **Job Name** text box.
 - b) Select the data to be exported from the Export Data drop-down list. The options are Projects and Activities. If we select Projects, the Activity Pricing section is not activated, but once you select the Activity, the Activity Pricing section becomes activated and you can include pricing with activity as per your requirement.
- 4. Click Next to continue. The Export Option Page appears.

xport Fields	
Column Name	Select All
🖌 Job	
🗹 Туре	Clear All
🖌 Project	
Department	Move Up
Project Number	Move Down
🖌 Phase	Move Down
Phase Description	
Device	Sort
🗹 Media	Column
Pricing Model	
Copies	BillCode
 Originals 	Order
🗹 Width	
🗹 Length	A-Z
✓ BillCode	
TotalArea(Sq.Ft)	
✓ TrackingMode	
CreateDate	
PrintBy	
Motor	

Figure 115: Export Option Page

- 5. You can set the export criteria in this window.
 - a) Select the required column names.



- b) Click Select All to select all the column names or click Clear All to clear all the column names.
- c) Select a column name and click Move Up or Move Down to change its order.
- d) You can sort all export fields using one column as sorting key.
- e) Select the column that you want to sort from the **Column** drop-down list.
- f) Select the order from the **Sort** drop-down list to sort the column order either in A-Z pattern or Z-A pattern.
- 6. Click Next to continue. The Export Setting Page appears.

Export File Information	
File Path	C:\Documents and Settings\John\Des
File Name	ActivityData.csv
	User Authentication
File Format	Text File
Export Options	
ALC: 1 10 11 12	r CSV Delimiter 🔻
Column Delimite	
Replace Col	lumn Delimiter with spaces
I⊽ Replace Col I⊽ Column Hea	lumn Delimiter with spaces aders
Replace Col	lumn Delimiter with spaces aders
I⊽ Replace Col I⊽ Column Hea	lumn Delimiter with spaces aders
I Replace Col I Column Hea Row Delimiter	lumn Delimiter with spaces aders New Line Column specifier ("
Replace Col Column Hea Row Delimiter Filter Export All Ac Start Date [Incl	Numn Delimiter with spaces aders New Line Column specifier " ctivities uded) End Date (Excluded)
Replace Col Column Hea Row Delimiter Filter Export All Ad	lumn Delimiter with spaces aders New Line Column specifier "
Replace Col Column Hea Row Delimiter Fiter Export All Ac Start Date (Inch 3/13/2010	Numn Delimiter with spaces aders New Line Column specifier " ctivities uded) End Date (Excluded)
Replace Col Column Hea Row Delimiter Fiter Export All Ac Start Date (Incl 3/13/2010 Fiter By Provider	Iumn Delimiter with spaces aders New Line Column specifier " ctivities luded) End Date (Excluded) 4/13/2010 (Key Or Location Key rider key Or Location Key
Replace Col Column Hea Row Delimiter Filter Export All Ac Start Date (Incl 3/13/2010 Filter By Provider Filter by Prov C Provider Ke	Iumn Delimiter with spaces aders New Line Column specifier Column specifier Ctivities Luded) End Date (Excluded) 4/13/2010 Key Ctivities Luded) End Date (Excluded)
Replace Col Column Hea Row Delimiter Filter Export All Ac Start Date (Incl 3/13/2010 Filter By Provider Filter by Provider	Iumn Delimiter with spaces aders New Line Column specifier Column specifier Ctivities Luded) End Date (Excluded) 4/13/2010 Key Ctivities Luded) End Date (Excluded)
Replace Col Column Hea Row Delimiter Fiter Export All Ac Start Date (Incl 3/13/2010 Fiter By Provider Fiter by Prov C Provider Ke	Iumn Delimiter with spaces aders New Line Column specifier Column specifier Ctivities Luded) End Date (Excluded) 4/13/2010 Key Ctivities Luded) End Date (Excluded)

Figure 116: Export Settings Page



- a) Click (buddy button) and browse the path where you want to store the exported file.
- b) Enter a file name in the File Name text box.
- c) Select the file format from the File Format drop-down list. The options are: the Text File and the MDB File. Please note that the extension of the file name will depend on the file format selection. Example: If the File Format selected is MDB File, then the file name would be *Activity Data.mdb* and selecting the MDB File disable the Export Options section.
- d) If you select the Text File as the File Format then the Export Options section is enabled, then select appropriate export options. Rows in the data stream are separated by row delimiters; within each row, individual cell values are separated by column delimiters.
- e) Select a Column Delimiter from the drop-down list.
 - Select CSV Delimiter to delimit columns with a comma. Here comma is used as separator between columns. The data export output will be in CSV format (.csv)
 - Use TAB Delimiter option to delimit columns with a TAB. Here TAB is used as separator between columns. The data export output will be in Text format (.txt)
- f) To replace the column delimiter with spaces, select the **Replace Column Delimiter** with spaces check box.
- g) Select or clear **Column Headers** check box. If selected, the column headers are exported in the file.
- h) Select a **Row Delimiter** from the drop-down list. Select **New Line** to delimit rows in the data export to start in a new line. Here the end of each row is marked by a new line.
- i) Apply filter if required. Select or clear the Export All Activities check box. Selecting the check box allows you to export all the activities as soon as it is finished. Clearing the check box activates the Start Date and End Date drop-down list that allows you to select the particular dates when you want to export the given activities.
- j) Select the Auto Billing Information check box to automate the billing information. Once you select the check box and click Next. The Configure Billing Schedule window appears.



Configure Billing Schedu	data export job
CI	
	≺Back Next≻ Cancel

Figure 117: Configure Billing Schedule window

- 7. Configure the billing schedule.
 - a) Select the billing period to send the billing information within a specific time period from the **Billing Period** drop-down list.
 - b) Enter the client name in the **Client Name** text box.
 - c) Schedule the billing file export if required.
 - Select or clear the Send via email check box. Selecting the check box activates the underneath fields where you have to specify the email server details, if you want to send the billing information via email. Clearing the checkbox disabled the underneath fields.
 - Similarly, select or clear the Send via ftp check box. Selecting the check box activates the underneath fields where you have to specify the ftp details, if you want to send the billing information via ftp. Clearing the checkbox disabled the underneath fields.





If you select Projects from the Export Data drop-down list, in the Export Settings Page Active Projects Only check box appears. You can select or clear the check box as per your requirement. If selected, only the active projects are exported.

8. Click Next to continue. The Schedule Job window appears.

edule Job	
Schedule Export Job Schedule the export job to setup scheduling job	
Name	Abacus_Export
Don't schedule this	· · · · · · · · · · · · · · · · · · ·
Run job	
	val M: 0 S: 0 3:46:04 PM 💼
	3:46:04 PM ÷ ⊂ Wed ⊂ Thu ⊂ Fri ⊂ Sat ⊂ Sun
	3:46:04 PM 🗧 🔽
	< <u>Back</u> Next> Canc

Figure 118: Schedule Job window

Schedule Import Job window is used to automatically run the activity at specified intervals. If you choose not to schedule a job, you can manually execute the job using **Run Job** option.

- 9. Perform either of the two activities in the Schedule Import Job window:
 - Select **Do not schedule this job** check box to avoid executing the import job automatically. Note that the **Run Job** section becomes inactive.

Or,



- Clear the **Do not schedule this job** check box to schedule the job. Note that the **Run Job** section is now becomes active. You may choose to schedule a job at regular intervals or daily or weekly or monthly as per needs.
- Select At regular interval check box. Specify the hours, minutes and seconds at which the job is automatically executed. For example, every 2 hours, 52 minutes and 34 seconds.

Or,

 Select **Daily** check box. Specify the time at which the job is automatically executed. For example, daily at 9:45:28 AM.

Or,

 Select Weekly check box. Click a day and time at which the job is automatically executed. For example, every Monday at 6:15:00 PM

Or,

- Select Monthly check box. Select the day and time at which the job is automatically executed. For example, on every 5th day of the month at 10:30:00 AM.
- 10. Click **Next** to continue. The **Finish Job** window appears.



iol Delimiter CSV Delimi Row Delimiter New Line Yes Ves Sath: C:\Program Files\Common Files\System orting Order A-Z Sorting Column BillCode elected Fields Source ob ype roject epartment voiect Number chedule Information Not Scheduled
iol Headers Contraction Files/Common Files/System orting Order A-Z Sorting Column BillCode elected Fields Source Ob ype roject repartment which humber
orting Order A-Z Sorting Column BillCode
orting Order A-Z Sorting Column BillCode elected Fields Source ob ype roject Project Weight Mumber chedule Information
Source
Source So
ob ype
ype
ype
roject. epartment voiet Number
chedule Information
chedule Information
Not Scheduled

Figure 119: Finish Job window

11. Preview the export job details and click **Finish** to save the job. The new job is added in the job list under **Data Export**.



Run Job

Run Job option is used to manually execute or perform Abacus data export job.

To run job:

1. Right-click the job name and click **Run Job**. Or,

Select the job name. On the File menu, click Run Job.

2. Wait till data is read from the Abacus database and the files are processed. The job status and remarks are displayed in the job details window.

Export Job Informa	tion	Export Columns	
Export Data Destination	Abacus_Export Projects	Selected Fields Project Number Project Name	
Schedule Info		Project Description	
Status:	SCHEDULED	Client Company Name	
Schedule:	Run job at every (2 Hrs :2 Mins :2 Secs)	Default Billing Code	
Last Execution		Vi	ew Log
Time	05/02/2008 02:38 PM		
Status	SUCCESS		
Remarks			

Figure 120: Job details window - Run job status and remarks



Chapter 9 Abacus IPlot Jobs

In this chapter, you will learn about:

- Overview
- Creating IPlot Job
- Run Job



Overview

This section describes the integration IPlot Jobs with Abacus Data Scheduler This information is stored in log files, which are imported by IPlot. You can schedule an import job in Abacus Data Scheduler to retrieve the log files from the IPlot. This retrieved data is manipulated by the Abacus system for generating reports and billing.

Creating IPlot Job

To create an IPlot job:

- 1. On the job list, click **IPlot Jobs**.
- 2. To create a new job:
 - Right-click and select **Create New Job**.

Or,

- Click **New** on the toolbar.
- Or,
- On the File menu, click New Job.

The Create New Data Import Job window appears.



Create New Data Import Job	×
Create new IPlot job Enter job name and select IPlot Log Directory	
Job Name Abacus_IPlot	
IPlot Log File Path C:\Documents and Settings\sabarnig\Local Settings\Temp\% temp %.	
User Authentication	
Billing Popup Option ✓ Never Display Billing popup for these jobs ✓ Apply Tracking Rules	
Activity Option © Build Activity Per Job © Build Activity Per Page	
Import Options Track Print To file jobs Ignore jobs with 0 length and 0 width	
Log failed records to csv file Create failed log files	
< Back Next > Cancel	

Figure 121: Create New Data Import Job window

- 3. In the Create New Data Import Job window:
 - a) Enter the job name in the **Job Name** text box.
 - b) Click (buddy button) to browse and select the IPlot Log File path.
 - c) Click **User Authentication** to authenticate the user. The **User Authentication** dialog box appears.



riease entei trie us	er credentials to access the network resour
Domain\Username	
	Res
Password	
1	

Figure 122: User Authentication dialog box

- d) Enter the valid user name and password to access the folder and click **Test Connection** to test the connection. Then click **Save** to save your settings.
- e) Under the Billing Popup option section:
 - Select the Never Display Billing popup for these jobs section, if you do not want to display the billing popup for the jobs.
 - Select the Apply Tracking Rules if you want to apply the tracking rules for the jobs.
- f) Under Activity Options section:
 - Select the Build Activity Per Job check box if you want to track one activity for a job.
 - Select Build Activity Per Page check box if you want to build one activity total of all jobs per page.
- g) Under Import Options section:
 - Select the Track Print to file jobs check box to track print for file jobs.
 - Select **Ignore jobs with 0 length and 0 width** check box to ignore the jobs with the 0 length and 0 width.
- h) Select the Log failed records to csv file check box to log failed records to csv file. The Create failed log files path is enabled. Provide a path.
- 4. Click Next. The Choose Read Log Options window appears.



×
ancel
ar

Figure 123: Choose Read Log Options

- 5. Select a device that you want to get associated with the printer from the **Device** dropdown list.
- 6. From the **Use default values** section:



- a) Select the project that you want to go through from the IPlot log file from the **Project** drop-down list.
- b) Select the project phase of the selected project that you need to read from the IPlot log file from the **Phase** drop-down list.
- c) Select a media from the Media drop-down list.
- d) Select a billing code from the Billingcode drop-down list.
- e) Enter your comments in the **Notes** text box.
- 7. Click Next to continue. The Schedule Job window appears.

edule Job	
Schedule Import Job Schedule the import job to setup scheduling job	
Name Abacus_IPlot	
Don't schedule this job	
Run job	
At regular interval	
H: 3 M: 15 S: 34	
Daily	
At: 10:00:24 AM +	
At: 10:00:00 AM	
Mon O Tue O Wed O Thu O Fri O Sat O Sun	
Monthly	
At: 10:00:05 AM	
<back next=""></back>	Cance

Figure 124: Schedule Job window

Schedule job window is used to automatically run the activity at specified intervals. If you choose not to schedule a job, you can manually execute the job using Run Job option.



8. Select **Don't schedule this job** check box to avoid executing the import job automatically. Note that selecting the check box disabled the **Run Job** section.

Or,

Clear the **Don't schedule this job** check box to schedule the job. Note that the **Run Job** section is now enabled. You may choose to schedule a job at regular intervals or daily or weekly as per your requirement.

 Select At regular interval check box. Specify the hours, minutes and seconds at which the job is automatically executed. For example, every 3 hours, 15 minutes and 34 seconds.

Or,

• Select **Daily** check box. Specify the time at which the job is automatically executed. For example, daily at 10:00:00 AM.

Or,

 Select Weekly check box. Click a day and time at which the job is automatically executed. For example, every Monday at 10:00:00 AM.

Or,

- Select Monthly check box. Select the day and time at which the job is automatically executed. For example, on every 5th day of the month at 10:30:00 AM.
- 9. Click **Next** to continue. The **Finish Job** window appears.



Finish Job	×
Click Finish to Save IPlot Job	
Job Information Name: IPlot Directory: Abacus_IPlot C:\Documents and Settings\sabarnig\Local Settings\Temp\% tem Source Information Billing Popup Details: Activity Option:	
Do Not Push Data to Billing Popup Build Activity Per Job Path: Do Not save failed data in log file.	
Invalid Data Ignore Jobs With 0 Length and 0 Width	
Default Values Device: \\arcindtech101\hp color laserjet Project: 0001 Phase: intro Media: bond	
Billing Codes: Non-Reimbursable Notes:	
Schedule Information Run job at every (3 Hrs :15 Mins :34 Secs) Advance Option	
< Back Finish Cancel	

Figure 125: Finish Job window

10. Click the **Advance Option** if you want to configure pre and post program execution. The **Configure Pre & Post Program Execution** dialog box appears.



Configure Pre & Post Prog	ram Execution	×
Pre Job Execution Optic	on	
C External Program		
Abacus Job	Abacus_Export	
Post Job Execution Opt	ions	
C External Program		12
 Abacus Job 	Abacus Audit Events	
	Configure Cancel	

Figure 126: Configure Pre & Post Program Execution dialog box

- 11. Select the **Pre Job Execution Option** check box to execute the job prior to this job.
 - Click the **External Program** and select the program that you want to execute prior to this job.
 - Click the Abacus Job and select the job from the given drop-down list.
- 12. Select the **Post Job Execution Option** check box to execute the job after execution of this job.
 - Click the **External Program** and select the program that you want to execute after this job.
 - Click the **Abacus Job** and select the job from the given drop-down list.
- 13. Click **Finish** to save the IPlot job. The new job is added in the job list under **IPlot Jobs**.



Run Job

The next step is to run the "read log files" job. **Run Job** option is used to manually execute or perform an IPlot job. It is necessary to run the job so that data gets imported from the IPlot to the Abacus database.

To run job:

1. Right-click the job name and click **Run Job**. Or,

Select the job name. On the File menu, click Run Job.

2. Wait till IPlot log files are interpreted. The job status and remarks are displayed in the job details window.

Import Job Informat	tion	Map Fields	
Import Data	Abacus_IPlot		
Source	Log Directory (C:\Documents and Settings\sabarnig\Local Settings\Temp\% temp %.tmp)		
Destination	Activity		
Schedule Info			
Status:	SCHEDULED		
Schedule:	Run job at every (3 Hrs :15 Mins :34 Secs)		
Last Execution			View Log
Time	09/23/2009 11:59 AM		
Status Remarks	SUCCESS		
	viscarded=0 Failed:0		

Figure 127: Job details window - Run job status and remarks



Chapter 10 Fiery Jobs

In this chapter, you will learn about:

- Overview
- Creating Fiery Jobs
- Run Job



Overview

This section describes the integration of Fiery Controller with Abacus Data Scheduler. When the job runs the Data Scheduler connects the fiery controller using the provided credentials and read the print information from the Fiery database.

Creating Abacus Fiery Jobs

To create an Abacus Fiery job:

- 1. On the job list, click **Fiery Jobs**.
- 2. To create a new job:
 - Right-click and select **Create New Job**.

Or,

• Click **New** on the toolbar.

Or,

• On the **File** menu, click **New Job**.

The Create New Data Import Job window appears.



	Create new Fiery job Enter Job Name and Contro	oller Details		
Job Na	ne			
ARC_F	iery Job			
- Conto	ller Details			
Fiery	Controller			
10.1	0.0.87			
User	Name			
sa				
Pass	word			
××				
	Device Name			
\\arcii	ndtech101\hp color laserjet ()		_	
Billing	Popup Option			
	Never Display Billing popup for t	hese jobs		
V				
	Apply Tracking Rules			

Figure 128: Create New Data Import Job window

- 3. Enter the job name in the **Job Name** text box.
- 4. In the **Controller Details** section:
 - a) Enter the IP address in the Fiery Controller text box.
 - b) Enter the user name in the User Name text box.
 - c) Enter a password in the **Password** text box.
- 5. Select a device name from the **Select Device Name** drop-down list.
- 6. In the **Billing Popup Option** section:
 - Select Never Display Billing popup for these jobs check box, if you do not want to display the billing popup for the jobs.



- Select Apply Tracking Rules check box to apply tracking rules for the jobs.
- 7. Click **Next** to continue. The **Default options** window appears.

ierau.	t Options Create new Fiery job Enter Default Option	
	Enter Default Width & length in Inches Width: 0.00 Length: 0.00	Ĩ
	Use default values	1
	test project (0001)	
	Phase	
	intro (intro)	
	Media	
	bond	
	Billingcode	
	Non-Reimbursable	
	Notes	
	•	
	< Back Next > Car	ncel

Figure 129: Default Options window

The **Default Options** window allows you to set the default values for the jobs.

- 8. Enter the default width and length in inches in the **Width** and **Length** text boxes respectively.
- 9. Under **Use default values** section:
 - a) Select a project that you want to go through from the Fiery log file from the **Project** dropdown list.
 - b) Select the project phase of the selected project that you need to read from the Fiery log file from the **Phase** drop-down list.



- c) Select a media from the **Media** drop-down list.
- d) Select a billing code from the Billingcode drop-down list.
- e) Enter your comments in the **Notes** text box.
- 14. Click **Next** to continue. The **Schedule Job** window appears.

Schedule Job	×
Schedule Import Job Schedule the import job to setup scheduling job	
Name ARC_Fiery Job Don't schedule this job Run job	
H: M: S: G	
Daily At: 10:00:00 AM	
✓ Weekly At: 12:43:05 PM ★ ✓ Mon C Tue C Wed C Thu C Fri C Sat C Sun	
At: 12:43:05 PM	
< Back Next > Cancel	

Figure 130: Schedule Job window

Schedule job window is used to automatically run the activity at specified intervals. If you choose not to schedule a job, you can manually execute the job using Run Job option.

15. Select **Don't schedule this job** check box to avoid executing the import job automatically. Note that selecting the check box disabled the **Run Job** section.



Or,

Clear the **Don't schedule this job** check box to schedule the job. Note that the **Run Job** section is now enabled. You may choose to schedule a job at regular intervals or daily or weekly as per your requirement.

 Select At regular interval check box. Specify the hours, minutes and seconds at which the job is automatically executed. For example, every 3 hours, 15 minutes and 34 seconds.

Or,

• Select **Daily** check box. Specify the time at which the job is automatically executed. For example, daily at 10:00:00 AM.

Or,

 Select Weekly check box. Click a day and time at which the job is automatically executed. For example, every Monday at 12:45:05 PM.

Or,

- Select Monthly check box. Select the day and time at which the job is automatically executed. For example, on every 5th day of the month at 10:30:00 AM.
- 16. Click **Next** to continue. The **Finish Job** window appears.



Finish Job
Finish Fiery Job Click Finish to Save Fiery Job
Job Information Name: ARC_Fiery Job
Conroller Details Fiery Controller IP: 10.10.0.87 User Name: sa Password: sa Device: \\arcindtech101\hp color laserjet
Billing Information Billing Popup Details: Do Not Push Data to Billing Popup
Schedule Information Run job weekly on every Mon (12 Hrs :43 Mins :5 Secs)
Advance Option
< Back Finish Cancel

Figure 131: Finish Job window

17. Click the **Advance Option** if you want to configure pre and post program execution. The **Configure Pre & Post Program Execution** dialog box appears.



Configure Pre & Post Prog	ram Execution	×
🔽 Pre Job Execution Optic	'n	
C. Estand Damag		1
C External Program		
Abacus Job	Abacus_Export	
Post Job Execution Opt	lons	ji j
C External Program		
Abacus Job	Abacus Audit Events	
	Configure Cancel	

Figure 132: Configure Pre & Post Program Execution dialog box

- 18. Select the **Pre Job Execution Option** check box to execute the job prior to this job.
 - Click the **External Program** and select the program that you want to execute prior to this job.
 - Click the Abacus Job and select the job from the given drop-down list.
- 19. Select the **Post Job Execution Option** check box to execute the job after execution of this job.
 - Click the **External Program** and select the program that you want to execute after this job.
 - Click the **Abacus Job** and select the job from the given drop-down list.
- 20. Click **Finish** to save the Fiery job. The new job is added in the job list under **Fiery Jobs**.



Run Job

The next step is to run the "read log files" job. **Run Job** option is used to manually execute or perform an Fiery job. It is necessary to run the job so that data gets imported from the Fiery to the Abacus database.

To run job:

1. Right-click the job name and click **Run Job**. Or,

Select the job name. On the File menu, click Run Job.

2. Wait till Fiery log files are interpreted. The job status and remarks are displayed in the job details window.

Import Job Informat		Map Fields	
Import Data	ARC_Fiery Job		
Source	Controller (10.10.0.87)		
Destination	Activity		
Schedule Info			
Status:	SCHEDULED		
Schedule:	Run job weekly on every Mon (12 Hrs :43 Mins :5 Secs)		
Last Execution			View Log
Time	09/23/2009 01:09 PM		
Status Remarks	FAILED		
			~

Figure 133: Job details window - Run job status and remarks



Chapter 11 Central Server

We can perform following tasks through Central Server:

- Import Data
- Sync Data

In this chapter, you will learn about:

- Overview
- Creating Job
- Schedule Job
- Run Job



Overview of Data Import CO

Data Import CO jobs are created to import the updated projects and phases from the Central database server to the Abacus database.

The Central database server settings are done by your reprographics provider using the Abacus Manager application.

Data Scheduler is used to create, schedule and execute the data import CO jobs.

Creating a Data Import CO Job

To create a data import CO job:

- 1. On the job list, click **Data Import CO**.
- 2. To create a new job:
 - Right-click and select **Create New Job**.

Or,

Click **New** on the toolbar.

Or,

• On the **File** menu, click **New Job**.

The new job is added in the job list under **Data Import CO**.

Scheduling Data Import CO Job

Schedule job window is used to automatically run the activity at specified intervals. If you choose not to schedule a job, you can manually execute the job using Run Job option.

To schedule data import CO job:

1. In the job list, right-click the data sync job name under **Data Import CO** and select **Modify Schedule**. The **Schedule Job** window appears.



	schedule this job
ne Interval to Sc	hedule
At Regular Ir	nterval
Hrs 0	Mins 0 Secs 0
🔲 Daily at	2:43:35 PM
🗐 Weekly at	2:43:35 PM
C Mon C Tu	e CWed CThu CFri CSat CSun
Monthly at	2:43:35 PM 📫 On 🔽 Day

Figure 134: Schedule Job window

Schedule job window is used to automatically run the activity at specified intervals. If you choose not to schedule a job, you can manually execute the job using Run Job option.

2. Select **Don't schedule this job** check box to avoid executing the import job automatically. Note that selecting the check box disabled the **Time Interval to Schedule** section.

Or,

Clear the **Don't schedule this job** check box to schedule the job. Note that the **Time Interval to Schedule** section is now enabled. You may choose to schedule a job at regular intervals or daily or weekly as per your requirement.

 Select At regular interval check box. Specify the hours, minutes and seconds at which the job is automatically executed. For example, every 3 hours, 15 minutes and 34 seconds.

Or,

Select **Daily** check box. Specify the time at which the job is automatically executed. For example, daily at 10:00:00 AM.

Or,



 Select Weekly check box. Click a day and time at which the job is automatically executed. For example, every Monday at 12:45:05 PM.

Or,

- Select Monthly check box. Select the day and time at which the job is automatically executed. For example, on every 5th day of the month at 10:30:00 AM.
- 3. Click **Finish** to complete scheduling the data import CO job.

Run Job

Run Job option is used to manually execute or perform a data import CO job. It is necessary to run the job so that projects and phases are imported from the central database server to the Abacus database.

To run job:

1. Right-click the job name and click **Run Job**. Or,

Select the job name. On the File menu, click Run Job.

2. Wait till Abacus database files are processed. The job status and remarks are displayed in the job details window.

Import Job Informatio	n	Map Fields		
Import Data		Source	Destination	Filter
Source				
Destination				
Schedule Info				
Status:	NOT SCHEDULED			
Schedule:				
Last Execution				View Log
Time	05/09/2008 02:42 PM			
Status	SUCCESS			
Remarks				
Total = 33933: Failed	=0 Updated=33933 Added=0 Discarde	d=0 Message()		~

Figure 135: Job details window - Run job status and remarks



Overview of Data Sync

Data sync jobs are created to sync the Abacus database to the Central database server. This is used to transfer all the activities from the local database to the central database server. This process helps to maintain consistency and keep the data up-to-date so that both repositories contain the similar information.

The Central database server settings are done by your reprographics provider using the Abacus Manager application.

Data Scheduler is used to create, schedule and execute the data sync jobs.

Creating a Data Sync Job

To create a data sync job:

- 1. On the job list, click **Sync Data**.
- 2. To create a new job:
 - Right-click and select **Create New Job**.

Or,

Click **New** on the toolbar.

Or,

• On the File menu, click New Job.

The new job is added in the job list under **Data Sync Jobs**.

Scheduling Data Sync Job

Schedule job window is used to automatically run the activity at specified intervals. If you choose not to schedule a job, you can manually execute the job using Run Job option.

To schedule data sync job:

1. In the job list, right-click the data sync job name under **Data Sync Jobs** and select **Modify Schedule**. The **Schedule Job** window appears.



Schedule	Job	×
٩	Schedule Import Job Schedule the import job to setup scheduling job	
	Do not schedule this job	
,	✓ At Regular Interval Hrs 2 Mins 45 Secs 0	
[Daily at 1:36:59 PM	
	Weekly at 1:36:59 PM	
Г	Monthly at 1:36:59 PM	
	< Back Finish Cancel	_

Figure 136: Schedule Import Job window

Schedule job window is used to automatically run the activity at specified intervals. If you choose not to schedule a job, you can manually execute the job using **Run Job** option.

- 2. Perform either of the two activities in the Schedule Import Job window:
 - Select **Do not schedule this job** check box to avoid executing the import job automatically. Note that the **Time Interval to Schedule** section becomes inactive.

Or,

Clear the **Do not schedule this job** check box to schedule the job. Note that the **Time Interval to Schedule** section now becomes active. You may choose to schedule a job at regular intervals or daily or weekly or monthly as per needs.

> Select At regular interval check box. Specify the hours, minutes and seconds at which the job is automatically executed. For example, every 2 hours, 45 minutes and 0 seconds.



Or,

 Select **Daily** check box. Specify the time at which the job is automatically executed. For example, daily at 1:36:59 AM.

Or,

 Select Weekly check box. Click a day and time at which the job is automatically executed. For example, every Monday at 1:36:59 PM

Or,

- Select Monthly check box. Select the day and time at which the job is automatically executed. For example, on every 5th day of the month at 10:30:00 AM.
- 3. Click **Finish** to complete scheduling the data sync job.

Run Job

Run Job option is used to manually execute or perform a data sync job. It is necessary to run the job so that data gets synchronized from the Abacus database to the central database server.

To run job:

- Right-click the job name and click Run Job. Or, Select the job name. On the File menu, click Run Job.
- 2. Wait till Abacus database files are processed. The job status and remarks are displayed in the job details window.



Import Job Informat	tion	Map Fields			
Import Data Source	MetaPrint_Import MP	Source JobName	Destination Jobname	Filter If value is != (print) Then Discard Column Default Value(Print)	*
Destination	МР	Type MachineNar	jobtype	None	_
Schedule Info		MachineNar	ne_wone_	None	_
Status:	NOT SCHEDULED	Copies	copies	None	
Schedule:		Quantity	pages	None	~
Last Execution				View Log	
Time	05/02/2008 12:07 PM				
Status	SUCCESS				
Remarks					
Total Records Pars	ed = 2: Total Records Failed=0				~

Figure 137: Job details window - Run job status and remarks



Chapter 12 Active Directory Jobs

In this chapter, you will learn about:

- Overview
- Creating Active Directory Jobs
- Run Job



Overview

This section describes the integration of Active Directory with Abacus Data Scheduler. To import job the user needs to map fields to import the list of users from the active directory. For successful completion of task the user has to provide the server name, the domain name, the valid user id, and the password respectively in the given fields. The user can also apply filter query to retrieve user details.

Creating an Active Directory Job

To create an Active Directory job:

- 1. On the job list, click **Active Directory**.
- 2. To create a new job:
 - Right-click and select **Create New Job**.

Or,

Click **New** on the toolbar.

Or,

On the File menu, click New Job.
 The Enter Data Import Job Details window appears.



M	ap Fields to Import Job ap Fields of import job to setup scheduling job lick on Filter button to apply filter
⊤Job details Job Name Import Tyj	
LDAP Server Domain User	MPTINDDBSERVER1 MPTDC1-India Administrator Password
Filter Que	

Figure 138: Create Job window

- 3. Under **Job Details** section:
 - a) Enter the job name in the **Job Name** text box.
 - b) Select the type of import from the **Import Type** drop-down list.
- 4. Under LDAP section:
 - a) Enter the server name in the Server text box.
 - b) Enter the domain name in the **Domain** text box.
 - c) Enter a valid user name and password in the User and Password text box respectively.
 - d) Select the **Filter Query** check box to enable the text area under **Filter Query** and enter the query to filter if required.
- 5. Click **Next** to continue. The **Filed Mappings** window appears.



Destination Fields	Source Fields	Preview Data	Default	Column Filter	Filte 🔺
UserName	sAMAccountNar	Guest		Column Filter	None
Password	_None_	<u> </u>		Column Filter	None
PIN	_None_			Column Filter	None
Group	_None_	·		Column Filter	None
LocationKey	_None_	·		Column Filter	None
FirstName	_None_			Column Filter	None
LastNarne Ernail	_None			Column Filter	None
			Configure Row F	Filters	
Row Filter Details None				_	

Figure 139: Options window

6. In the **Field Mappings** window, the source fields are mapped to corresponding destination fields. Review and change the mapping if required. Column and Row filters can be set here depending on the conditions of import. Follow the procedure:

Select the **Source Fields** and then click corresponding **Column Filter** to apply filter. The **Apply Filter** dialog box appears.



Apply Filter		×
Filter condition for Source Colum :ProiectDescription - When the Field data Evaluates to Operator _=/in	n : Column : 3 Destination Column Please Enter Values inactive Add active Modify	
T Apply Reverse Condition	Delete	1
What do you want to do? Do not Import Column data Use Default Value	1	
 Do not Import Row 	Cancel Apply	

Figure 140: Apply Filter dialog box

- 7. Select an **Operator** from the drop-down list. The available options are: **=/in**, **between**, **!=**, **StartsWith**, **EndsWith**, **Contains**, **<**, and **>**.
 - "=/in" is used for specifying "if the value is equal to or in"
 - "between" is used for specifying "if the value is between 2 values say, 1-100"
 - "!=" is used for specifying "if the value is not equal to"
 - "StartsWith" is used for specifying "if the value starts with"
 - "EndsWith" is used for specifying "if the value ends with"
 - "Contains" is used for specifying "if the value contains"
 - "<" is used for specifying "if the value is lesser than"
 - ">" is used for specifying "if the value is greater than"
- 8. Enter the values for the selected operator and click **Add**.



- 9. Select appropriate actions.
 - Click **Do not Import Column data** option to ignore the column values and use a selected default value.
 - Or,
 - Click **Do not Import Row** option to ignore the whole row.
 In the above example, if the column: 3 value is equal to inactive, then do not import the entire row.
- 10. Click **Apply**. The filter conditions are applied in the **Field Mappings**.
- 11. Click **Configure Row Filters** to apply the row filters. The **Row Filters** dialog box appears.

 Select Destination column and value Destination Column 	es Entera value			
ProjectStatus	In Active	_		
	Or Choose an item			
	In Active	•	Add Filter	
2. When the following conditions evalu	ates to			
Select Source	Operator	Values		
	• •			Add
		<u> </u>		Delete
Add Condition	Clear			
Row Filters Summary Row Filters ProjectStatus (Value = In Active				
Row Filters Summary Row Filters ProjectStatus (Value = In Active]			
Row Filters Summary Row Filters ProjectStatus (Value = In Active]			
Row Filters Summary Row Filters ProjectStatus (Value = In Active]			
Row Filters Summary Row Filters ProjectStatus (Value = In Active]			
Row Filters Summary Row Filters ProjectStatus (Value = In Active]			
Row Filters Summary Row Filters ProjectStatus (Value = In Active]			

Figure 141: Row Filters dialog box



- e) Select the appropriate filters.
- f) Click Close. In the above example, if the source column: 3 value is equal to inactive, then set the project status value as inactive. The Field Mappings window appears with the applied row filter details.
- 12. Click **Next** to continue. You may encounter with warning messages. However, it is not mandatory to apply filter conditions for all the columns.

activeDirectoryImport
For column Password no mapping, default value or filter is provided Please select Mapping column or Provide default value or add filter For column PIN no mapping, default value or filter is provided Please select Mapping column or Provide default value or add filter For column Group no mapping, default value or filter is provided Please select Mapping column or Provide default value or add filter For column LocationKey no mapping, default value or filter is provided Please select Mapping column or Provide default value or add filter For column LocationKey no mapping, default value or filter is provided Please select Mapping column or Provide default value or add filter For column FirstName no mapping, default value or filter is provided Please select Mapping column or Provide default value or add filter For column LastName no mapping, default value or filter is provided Please select Mapping column or Provide default value or add filter For column Email no mapping, default value or filter is provided Please select Mapping column or Provide default value or add filter For column Email no mapping, default value or filter is provided Please select Mapping column or Provide default value or add filter For column Department no mapping, default value or filter is provided Please select Mapping column or Provide default value or add filter For column Department no mapping, default value or filter is provided Please select Mapping column or Provide default value or add filter
Yes No

Figure 142: Data Import Warning dialog box

13. Click **Yes** to continue. The **Schedule Job** window appears.



Schedule Job	×
Schedule Import Job Schedule the import job to setup scheduling job	
Name ARC_Import	
Run job	
H: M: S: O	
At: 7:13:03 PM	
Weekly At: 7:13:03 PM → O Mon C Tue C Wed C Thu C Fri C Sat C Sun	
At: 7:13:03 PM	
< Back Ne	xt > Cancel

Figure 143: Schedule Job window

Schedule job window is used to automatically run the activity at specified intervals. If you choose not to schedule a job, you can manually execute the job using Run Job option.

14. Select **Don't schedule this job** check box to avoid executing the import job automatically. Note that selecting the check box disabled the **Time Interval to Schedule** section.

Or,



Clear the **Don't schedule this job** check box to schedule the job. Note that the **Time Interval to Schedule** section is now enabled. You may choose to schedule a job at regular intervals or daily or weekly or monthly as per your requirement.

 Select At regular interval check box. Specify the hours, minutes and seconds at which the job is automatically executed. For example, every 3 hours, 15 minutes and 34 seconds.

Or,

• Select **Daily** check box. Specify the time at which the job is automatically executed. For example, daily at 10:00:00 AM.

Or,

 Select Weekly check box. Click a day and time at which the job is automatically executed. For example, every Monday at 12:45:05 PM.

Or,

- Select Monthly check box. Select the day and time at which the job is automatically executed. For example, on every 5th day of the month at 10:30:00 AM.
- 15. Click **Next** to continue. The **Finish Job** window appears.



	sh Import Job Finish to Save Import 。	Job			
lob Information			7475	-	
Name:		Impo	ort Type:		
ARC_Import		Use	er		
Source Informatio	n				
Server:	Domain	User	Password		
MPTINDDBSER			******		
Filter Query	Mill Poor maia.m				
	- 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10				
Source	Destination	Filter			
Field Mapping In Source UserName	Destination sAMAccountName	None			
Source UserName Password	Destination sAMAccountName None	None None			
Source UserName Password PIN	Destination sAMAccountName None None	None None None			
Source UserName Password PIN Group	Destination sAMAccountName None None None	None None None None			
Source UserName Password PIN	Destination sAMAccountName None None None	None None None			
Source UserName Password PIN Group LocationKey	Destination SAMAccountName None None None None	None None None None			
Source UserName Password PIN Group LocationKey	Destination SAMAccountName None None None None	None None None None			
Source UserName Password PIN Group LocationKey	Destination SAMAccountName None None None None	None None None None			
Source UserName Password PIN Group	Destination SAMAccountName None None None None None None	None None None None			
Source UserName Password PIN Group LocationKey Chedule Informa Not Scheduled	Destination SAMAccountName None None None None None None	None None None None			

Figure 144: Finish Job window

16. Click **Finish** to save the import job. The new job is added in the job list under **Active Directory** Jobs.

Run Job

Run Job option is used to manually execute or perform a Active Directory job. It is necessary to run the job so that data gets imported from the Active Directory to the Abacus database.

To run job:

- Right-click the job name and click Run Job. Or, Select the job name. On the File menu, click Run Job.
- Wait till Abacus database files are processed. The job status and remarks are displayed in the job details window.



Import Job Informat	ion	Map Fields	
Import Data	ARC_Import		
Source	()		
Destination	User		
Schedule Info			
Status:	NOT SCHEDULED		
Schedule:			
Last Execution			View Log
Time	09/23/2009 07:14 PM		
Status	FAILED		
Remarks			

Figure 145: Job details window - Run job status and remarks

10



Chapter 13 HP DesignJet Jobs

In this chapter, you will learn about:

- Overview
- Creating HP DesignJet Jobs
- Run Job



Overview

This section describes the integration of HP Design Jet with Abacus Data Scheduler. To import job the user needs to create HP integration job. The user can import data from controller as well as from file as per their requirement. It is an optional job. When Abacus failed to track the HP Design Jet then you can configure this job to retrieve the information from the HP Design Jet controller.

Creating a HP DesignJet Job

To create a HP DesignJet job:

- 1. On the job list, click **HP DesignJet**.
- 2. To create a new job:
 - Right-click and select **Create New Job**.

Or,

Click **New** on the toolbar.

Or,

• On the File menu, click New Job. The Create Job window appears.



Create Job		×
	PIntegration Job	
Job Details Job Name: Device Model: Import from contro IP Address: ✓ Import from file File path C:\Program Files	10.10.0.87	
	< Back Next > Cance	

Figure 146: Create Job window

- 3. Under **Job Details** section:
 - a) Enter the job name in the **Job Name** text box.
 - b) Enter the device model name in the **Device Model** text box.
- 4. Under **Import from controller** section:
 - a) Enter the IP address in the IP Address text box.
 - b) Select the Import from file check box if you want to import the job from the file.



- c) Click (buddy button) and select the file residing path.
- d) If the Abacus Data Scheduler is not installed on the same machine where HP DesignJet Server is installed and you need to schedule this job, Abacus data scheduler service requires you to enter valid user information to access the file from the Abacus data scheduler service. Click User Authentication. The User Authentication dialog box appears.

Please enter the user cre	dentials to access the network resource
Domain\Username	
	Reset
Password	
Test Connection	Save Cancel

Figure 147: User Authentication dialog box

- e) Enter the user name and password to access the folder and click **Test Connection** to test the connection. Then click **Save** to save your settings.
- 5. Click **Next** to continue. The **Options** window appears.



Option	ns		×
٩	Option Page Select Options		
	Select Device:	√Varcindtech101\hp color laserjet	
	Default Data	To these post of Appy Hacking Halos	
	Project:	0001 (test project)	
	Phases:	intro (intro)	
	Billing Code:	Reimbursable	
	Notes:	_	
			_
		< Back Next > Cancel	

Figure 148: Options window

- 6. Select the device from the **Select Device** drop-down list.
- 7. Select either **Push Billing popup for these jobs** check box or select the default data from the **Default Data** section.
 - a) Select **Push Billing popup for these jobs** check box to display the billing popup after completion of each job.



- b) Select Apply Tracking Rules check box to apply the tracking rules for each job.
- 8. Under **Default Data** section:
 - a) Select a project that you want to go through from the **Project** drop-down list.
 - b) Select the project phase of the selected project that you need to read from the **Phase** drop-down list.
 - c) Select a media from the Media drop-down list.
 - d) Select a billing code from the Billingcode drop-down list.
 - e) Enter your comments in the **Notes** text box.
- 9. Click **Next** to continue. The **Schedule Job** window appears.



chedule Job	2
Schedule HP Integration Job Schedule the HP Integration job to setup scheduling job	
Name HP DesignJet_Job Do not schedule this job Time Interval to Schedule At Regular Interval	
Hrs 0 Mins 0 Secs 0	
✓ Weekly at 3:43:39 PM → ✓ Mon C Tue C Wed C Thu C Fri C Sat C Sun	
Monthly at 3:43:39 PM On Day	
< Back Next > Cance	

Figure 149: Schedule Job window

Schedule job window is used to automatically run the activity at specified intervals. If you choose not to schedule a job, you can manually execute the job using Run Job option.

10. Select **Don't schedule this job** check box to avoid executing the import job automatically. Note that selecting the check box disabled the **Time Interval to Schedule** section.

Or,

Clear the **Don't schedule this job** check box to schedule the job. Note that the **Time Interval to Schedule** section is now enabled. You may choose to schedule a job at regular intervals or daily or weekly or monthly as per your requirement.



 Select At regular interval check box. Specify the hours, minutes and seconds at which the job is automatically executed. For example, every 3 hours, 15 minutes and 34 seconds.

Or,

• Select **Daily** check box. Specify the time at which the job is automatically executed. For example, daily at 10:00:00 AM.

Or,

 Select Weekly check box. Click a day and time at which the job is automatically executed. For example, every Monday at 12:45:05 PM.

Or,

- Select Monthly check box. Select the day and time at which the job is automatically executed. For example, on every 5th day of the month at 10:30:00 AM.
- 11. Click **Next** to continue. The **Job Review** window appears.

Preview Click Finis	Details h to Save HP Integrati	ion Job	
ob Details			
ob Name: HPC	esignJet_Job	IP Address:	C:\Program Files\Abacus\
Device Model:	DesignJet T610		
Jeffice Model.	boolginos foro		
Options			
1	arcindtech101\hp col	or laserjet Disj	blay Billing Popup: No
Project: 001	04		
10/600. 00	01		
Phases: intr	o		
Billing Code: Re	imbursable	Notes:	
billing oodo.			
chedule Informat			
	ion n every Mon (15 Hrs :	:43 Mins :39 Secs)	
		,	
		< Back	Finish C

Figure 150: Job Review window

12. Click **Finish** to save the HP Integration job. The new job is added in the job list under **HP DesignJet** Jobs.



Run Job

Run Job option is used to manually execute or perform a HP DesignJet job. It is necessary to run the job so that data gets imported from the HP DesignJet log files to the Abacus database.

To run job:

1. Right-click the job name and click **Run Job**. Or,

Select the job name. On the File menu, click Run Job.

2. Wait till Abacus database files are processed. The job status and remarks are displayed in the job details window.

Import Job In	Iformation	Map Fields	
Import Data	HP DesignJet_Job		
Source	file (C:\Program Files\Abacus\Abacus Server\Temp\abacusdatacachefile.xml)		
Destination	Activity		
Schedule Info			
Status:	SCHEDULED		
Schedule:	Run job weekly on every Mon (15 Hrs :43 Mins :39 Secs)		
Last Executio	n		View Log
Time	01/01/1900 12:00 AM		
Status			
Remarks			

Figure 151: Job details window - Run job status and remarks



Chapter 14 Xerox JBA Jobs

In this chapter, you will learn about:

- Overview
- Creating Xerox JBARequest Application
- Creating XeroxJBA Data Import Job
- Run Job



Overview

This section describes the integration of XeroxJBA Request application with Abacus Data Scheduler.

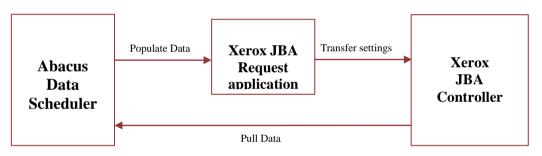
To integrate with Abacus you must have XeroxJBA Request application. This could be installed on any machine. Here we assume that you have already installed XeroxJBA on your system.

How the system works

Abacus Data Scheduler pushes / populates the data to the Xerox JBA Request application. The populated data appears as fields on the Xerox JBA Request application.

The XeroxJBA Request application is used to submit all the print jobs. The user fills the required fields on the XeroxJBA Request application before submitting print jobs. This information is stored in log files that are generated by XeroxJBA Controller. The log files are imported by the XeroxJBA Controller. You can schedule an import job in Abacus Data Scheduler to retrieve the log files from the KIP Controller. This retrieved data is manipulated by the Abacus system for generating reports and billing.

Following is a pictorial representation of how the system works :



How Abacus system works with Xerox JBA Controller

Abacus Data Scheduler supports two types of XeroxJBA jobs:

- XeroxJBA Request Integration Job: The Xerox JBA Integration Job defines the fields for Xerox JBA request application and pushes the Abacus data to the Xerox JBA controller.
- XeroxJBA Data Import Job: Xerox JBA Data Import Job allows to read Xerox JBA Controller log files and import activities to the Abacus database.



Creating Jobs through XeroxJBA Request Application

This option allows defining the billing dialog in Request application and populating Abacus data such as users, projects, billing codes, and notes to XeroxJBA Request application.

To create jobs through XeroxJBA Request application:

- 1. On the job list, click **XeroxJBA**.
- 2. To create a new job:
 - Right-click and select **Create New Job**.

Or,

• Click **New** on the toolbar. The **Select Job Type** window appears.

Select Job Typ	e	×
	elect JobType lect XerorJBA jobtype	
Select Jo		
	< Back Next > Cancel	

Figure 152: Select Job Type window



- 3. Select job type as **XeroxJBA Request Integration Job** from the **Job type** drop-down list.
- 4. Click **Next** to continue. The **Create Job** window appears.

Creat	e Job					×
٩	Create Xe Create Xero	roxJBA Job IXJBA Job				
	Job Details Job Name:	XeroxJBA_Jol	9]
	- Import from controlle	er				
	IP Address:	10.10.0.87				
	Port:	8001				
	Select Mode					1
	○ User Mode ● PIN Mode					
						8
			< Back	Next >	Cancel	

Figure 153: Create Job window

- 5. Enter a job name in the **Job Name** text box.
- 6. Under **Import from controller** section:
 - a) Enter the IP address in the IP Address text box.



- b) Enter the **Port** as 8001. By default account console uses port 8001. If the port is changed during the installation, then enter the port number on which the XeroxJBA is configured.
- 7. Select one of the modes. You can either select **User Mode** or **PIN Mode**.
 - In the User Mode, the user is validated based on user name and password. The user's names will be displayed in a drop-down list and password entered by user will be validated against the user name.
 - In the **PIN Mode**, the user is validated based on the PIN numbers that they enter
- 8. Click **Next** to continue. The **Schedule Job** window appears.

Schedule Jo	ıb	×
٩	Schedule HP Integration Job Schedule the XeroxJBA job to setup scheduling job	
	XeroxJBA_Job ✓ Do not schedule this job nterval to Schedule	
	At Regular Interval Hrs Mins Secs	
	□ Daily at 4:11:40 PM □ □ □ □ □ □ □ □ □ □ □ □ □	
	Monthly at 4:11:40 PM Day	
	< Back Next > Cance	

Figure 154: Schedule Job window

Schedule job window is used to automatically run the activity at specified intervals. If you choose not to schedule a job, you can manually execute the job using Run Job option.



9. Select **Don't schedule this job** check box to avoid executing the import job automatically. Note that selecting the check box disabled the **Time Interval to Schedule** section.

Or,

Clear the **Don't schedule this job** check box to schedule the job. Note that the **Time Interval to Schedule** section is now enabled. You may choose to schedule a job at regular intervals or daily or weekly or monthly as per your requirement.

 Select At regular interval check box. Specify the hours, minutes and seconds at which the job is automatically executed. For example, every 3 hours, 15 minutes and 34 seconds.

Or,

 Select **Daily** check box. Specify the time at which the job is automatically executed. For example, daily at 10:00:00 AM.

Or,

- Select Weekly check box. Click a day and time at which the job is automatically executed. For example, every Monday at 12:45:05 PM.
- Or,
- Select Monthly check box. Select the day and time at which the job is automatically executed. For example, on every 5th day of the month at 10:30:00 AM.
- 13. Click **Next** to continue. The **Job Review** window appears.



Job Review	
Click Finish to Save XeroxJBA J	ob
_ Job Details	
Job Name: XeroxJBA_Job	IP Address: 10.10.0.87
Port: 8001	
Options	
Device Name:	Display Billing Popup: No
Project:	
Phases:	
Billing Code:	Notes:
Select Mode: PINMode	
Schedule Information	
Not Scheduled	
	< Back Finish Cancel

Figure 155: Finish Job window

14. Click **Finish** to save the XeroxJBA job. The new job is added in the job list under **XeroxJBA** Jobs.



Run Job

Run Job option is used to manually execute or perform a XeroxJBA job. It is necessary to run the job so that data gets imported from the XeroxJBA log files to the Abacus database.

To run job:

- Right-click the job name and click Run Job. Or, Select the job name. On the File menu, click Run Job.
- 2. Wait till Abacus database files are processed. The job status and remarks are displayed in the job details window.

Import Job Informat	ion	Map Fields	
Import Data	XeroxJBA_Job		
Source	PINMode		
Destination	10.10.0.87:8001		
Schedule Info			
Status:	NOT SCHEDULED		
Schedule:			
Last Execution			View Log
Time	01/01/1900 12:00 AM		
Status	11111		
Remarks			

Figure 156: Job details window - Run job status and remarks



Creating Jobs through XeroxJBA Data Import

This option allows you create a "Pull" job to read the XeroxJBA log files. Whenever you run the "Pull" job, all XeroxJBA activities are imported from XeroxJBA log files to Abacus Database.

To create jobs through XeroxJBA Data Import:

- 1. On the job list, click **XeroxJBA**.
- 2. To create a new job:
 - Right-click and select **Create New Job**.

Or,

• Click **New** on the toolbar. The **Select Job Type** window appears.

Select Job Type		×
Select Xe	JobType erorJBA jobtype	
Select Job Type	XeroxJBA Data Import Job XeroxJBA Data Import Job XeroxJBA Request Integration Job	
	< Back Next > Cancel	

Figure 157: Select Job Type window

3. Select job type as XeroxJBA Data Import Job from the Job type drop-down list.



4. Click **Next** to continue. The **Create Job** window appears.

Create Job	
Create Xa Create Xer	eroxJBA Job oxJBA Job
Job Details Job Name:	XeroxJBA_DataImport
- Import from controll	
IP Address:	10.10.0.87
Port:	8001
	< Back Next > Cancel

Figure 158: Create Job window

- 5. Enter a job name in the **Job Name** text box.
- 6. Under **Import from controller** section:
 - a) Enter the IP address in the IP Address text box.
 - b) Enter the **Port** as 8001. By default account console uses port 8001. If the port is changed during the installation, then enter the port number on which the XeroxJBA is configured.



Options		X
Option Page Select Options		
Select Device:	\\arcindtech101\hp color laserjet	•
🦳 Push Billing popup	for these jobs 🛛 🧮 Apply Tracking Rules	
Default Data		
Project:	0001 (test project)	•
Phases:	intro (intro)	•
Billing Code:	Reimbursable	•
Notes:		-
S	<back next=""></back>	Cancel
		Lancel

7. Click **Next** to continue. The **Options** window appears.

Figure 159: Options window

- 8. Select the device from the Select Device drop-down list.
- 9. Select either **Push Billing popup for these jobs** check box or select the default data from the **Default Data** section.
 - a) Select **Push Billing popup for these jobs** check box to display the billing popup after completion of each job.
 - b) Select Apply Tracking Rules check box to apply the tracking rules for each job.



- 10. Under **Default Data** section:
 - a) Select a project that you want to go through from the **Project** drop-down list.
 - b) Select the project phase of the selected project that you need to read from the **Phase** drop-down list.
 - c) Select a media from the Media drop-down list.
 - d) Select a billing code from the **Billingcode** drop-down list.
 - e) Enter your comments in the **Notes** text box.
- 11. Click Next to continue. The Schedule Job window appears.

Schedule XeroxJBA Job Schedule the XeroxJBA job to setup scheduling job
<mark>KeroxIBA_Job</mark> I✓ Do not schedule this job nterval to Schedule
T At Regular Interval Hrs 0 Mins 0 Secs 0
T Daly at 4:54:23 PM
C Mon C Tue C Wed C Thu C Fri C Sat C Sur
Monthly at 454.23 PM - On Day

Figure 160: Schedule Job window

Schedule job window is used to automatically run the activity at specified intervals. If you choose not to schedule a job, you can manually execute the job using Run Job option.



12. Select **Don't schedule this job** check box to avoid executing the import job automatically. Note that selecting the check box disabled the **Time Interval to Schedule** section.

Or,

Clear the **Don't schedule this job** check box to schedule the job. Note that the **Time Interval to Schedule** section is now enabled. You may choose to schedule a job at regular intervals or daily or weekly or monthly as per your requirement.

 Select At regular interval check box. Specify the hours, minutes and seconds at which the job is automatically executed. For example, every 3 hours, 15 minutes and 34 seconds.

Or,

 Select **Daily** check box. Specify the time at which the job is automatically executed. For example, daily at 10:00:00 AM.

Or,

 Select Weekly check box. Click a day and time at which the job is automatically executed. For example, every Monday at 12:45:05 PM.

Or,

- Select Monthly check box. Select the day and time at which the job is automatically executed. For example, on every 5th day of the month at 10:30:00 AM.
- 13. Click **Next** to continue. The **Job Review** window appears.



Job Review				
	iew Details Finish to Save XeroxJB,	A Job		
Job Details				
Job Name: 🎙	KeroxJBA_DataImport	IP Add	ress: 10.10.0.87	
Port:	8001			
Options Device Name:	\\arcindtech101\hp c	olor laserjet	Display Billing Pop	up: Yes
Project:	0001			
Phases:	intro			
Billing Code:	Reimbursable	Notes:		
- Schedule Info				
Not Schedule				
		< Back	Finish	Cancel

Figure 161: Finish Job window

14. Click **Finish** to save the XeroxJBA job. The new job is added in the job list under **XeroxJBA** Jobs.



Run Job

Run Job option is used to manually execute or perform a XeroxJBA job. It is necessary to run the job so that data gets imported from the XeroxJBA log files to the Abacus database.

To run job:

- Right-click the job name and click Run Job. Or, Select the job name. On the File menu, click Run Job.
- 2. Wait till Abacus database files are processed. The job status and remarks are displayed in the job details window.

Import Data	XeroxJBA_Job	
Source	- PINMode	
Source	PINMode	
Destination	10.10.0.87:8001	
Schedule Info		
Status:	NOT SCHEDULED	
Status:	NOTSCHEDULED	
Schedule:		
		View Log
ast Execution		VIEW LOG
ast Execution	01/01/1900 12:00 AM	View Log
	01/01/1900 12:00 AM	view Log
		View Log

Figure 162: Job details window - Run job status and remarks



Chapter 15 LaserTrack Jobs

In this chapter, you will learn about:

- Overview
- Creating LaserTrack Data Export Job
- Creating LaserTrack Data Import Job
- Run Job



Overview

Abacus Data Scheduler supports two types of LaserTrack jobs:

- LaserTrack Data Export Job: Laser Track Data Export Job allows exporting specific user details in a CSV file based upon your selection.
- LaserTrack Data Import Job: Laser Track Import Job allows reading Laser Track controller log files and importing activities to the Abacus Database. For importing the user has to map all Controllers ID with the device name. You also need to apply tracking rules as per your requirement.

Creating Jobs through LaserTrack Data Export

Laser Track Data Export Job allows exporting specific user details in a CSV file based upon your selection.

To create jobs through LaserTrack Data Export:

- 1. On the job list, click **LaserTrack**.
- 2. To create a new job:
 - Right-click and select **Create New Job**.
 - Or,
 - Click New on the toolbar.

The Select Job Type window appears.



Select .	Job Type	×
٩	Select JobType Select LaserTrack jobtype	
	Select Job Type Job Type: LaserTrack Data Export Job LaserTrack Data Export Job LaserTrack Data Import Job	
	< Back Next > Cancel	

Figure 163: Select Job Type window

- 3. Select LaserTrack Data Export Job from the Job Type drop-down list.
- 4. Click **Next** to continue. The **Create Job For Export Data** window appears.



eate Job For Export I	Data
Create Lase Create Laser	erTrack Export Job Track Job
Job Details Job Name: Export File Path:	LazerTrack_Export_Job C:\ARC_Task\Abacus\2500\MSWord format
Export File Name	Abacus
Select Fields	
	< Back Next > Cancel

Figure 164: Create Job For Export Data window

- 5. Under Job Details section:
 - a) Enter job name in the **Job Name** text box.
 - b) Click (buddy button) and select the file residing path.
 - c) If the Abacus Data Scheduler is not installed on the same machine where LaserTrack Server is installed and you need to schedule this job, Abacus data scheduler service requires you to enter valid user information to access the file from the Abacus data scheduler service. Click **User Authentication**. The **User Authentication** dialog box appears.



Please enter the use	r credentials	to access th	ie network reso
Domain\Username			
			Re
Password			
		Save	_

Figure 165: User Authentication dialog box

- d) Enter the user name and password to access the folder and click **Test Connection** to test the connection. Then click **Save** to save your settings.
- e) Enter the file name that is to be exported in the Export File Name text box.
- 6. Select the fields that you want to export from the **Select Fields** section.
- 7. Click **Next** to continue. The **Schedule Job** window appears.



Schedule Job	×
Schedule HP Integration Job Schedule the LaserTrack job to setup scheduling job	
Name LazerTrack_Export_Job	
Daily At 5:55:27 PM	
At 5:55:27 PM	
< Back Next >	Cancel

Figure 166: Schedule Job window

Schedule job window is used to automatically run the activity at specified intervals. If you choose not to schedule a job, you can manually execute the job using Run Job option.

8. Select **Don't schedule this job** check box to avoid executing the import job automatically. Note that selecting the check box disabled the **Run Job** section.

Or,

Clear the **Don't schedule this job** check box to schedule the job. Note that the **Run Job** section is now enabled. You may choose to schedule a job at regular intervals or daily or weekly or monthly as per your requirement.

 Select At regular interval check box. Specify the hours, minutes and seconds at which the job is automatically executed. For example, every 3 hours, 15 minutes and 34 seconds.

Or,

 Select **Daily** check box. Specify the time at which the job is automatically executed. For example, daily at 10:00:00 AM.

Abacus Data Scheduler



Or,

 Select Weekly check box. Click a day and time at which the job is automatically executed. For example, every Monday at 12:45:05 PM.

Or,

- Select Monthly check box. Select the day and time at which the job is automatically executed. For example, on every 5th day of the month at 10:30:00 AM.
- 9. Click **Next** to continue. The **Finish Job** window appears.

Finish Job
Click Finish to Save LaserTrack Job
Job Details
Job Name: LazerTrack_Export_Job File Name: Abacus File Path: C:\ARC_Task\Abacus\2500\MS\Word format
Field List
FieldName UserName
Kenter Ke

Figure 167: Finish Job window

10. Click **Finish** to save the LaserTrack job. The new job is added in the job list under **LaserTrack** Jobs.



Run Job

Run Job option is used to manually execute or perform a LaserTrack Data Export job. It is necessary to run the job so that data gets imported from the LaserTrack log files to the Abacus database.

To run job:

F

- Right-click the job name and click **Run Job**. Or, Select the job name. On the **File** menu, click **Run Job**.
- 2. Wait till Abacus database files are processed. The job status and remarks are displayed in the job details window.

LazerTrack_Export_Job	Fields	
	UserName	
User		
C:\ARC_Task\Abacus\2500 \MSWord format\Abacus		
NOT SCHEDULED		
		View Log
01/01/1900 12:00 AM		
	C:\ARC_Task\Abacus\2500 \MSWord format\Abacus NOT SCHEDULED 01/01/1900 12:00 AM	C:\ARC_Task\Abacus\2500 \MSWord format\Abacus NOT SCHEDULED 01/01/1900 12:00 AM

Figure 168: Job details window - Run job status and remarks



Creating Jobs through LaserTrack Data Import

Laser Track Import Job allows reading Laser Track controller log files and importing activities to the Abacus Database.

To create jobs through LaserTrack Data Import:

- 1. On the job list, click **LaserTrack**.
- 2. To create a new job:
 - Right-click and select **Create New Job**.

Or,

Click **New** on the toolbar.

The Select Job Type window appears.

Select Job Type	×
Select JobType Select LaserTrack jobtype	
Select Job Type Job Type: LaserTrack Data Import Job LaserTrack Data Export Job LaserTrack Data Import Job	
< Back	Next > Cancel

Figure 169: Create Job For Export Data window



- 3. Select LaserTrack Data Import Job from the Job Type drop-down list.
- 4. Click Next to continue. The Create Job For Import Data window appears.

Create Job	For Imp	ort Data						
٩		LaserTrack I .aserTrack Impo		b				
Jo	Details b Name: e Path:	LazerTrack_ C:\Program F			s Server\	Temp\Abacus User Authent		
	1apping Co	ntroller ID	NULL	D	evice Na	me	-	2 2 2
1			NULL					
Widt	h: 8.5)		Length:	11.00	Add Net	w Row	
	oply Track	ing Rules						
				< Bac	ck	Next >	Cance	el

Figure 170: Create Job For Import Data window

- 5. Under **Job Details** section:
 - a) Enter job name in the **Job Name** text box.
 - b) Click (buddy button) and select the file residing path.
 - c) If the Abacus Data Scheduler is not installed on the same machine where LaserTrack Server is installed and you need to schedule this job, Abacus data scheduler service



requires you to enter valid user information to access the file from the Abacus data scheduler service. Click **User Authentication**. The **User Authentication** dialog box appears.

Please enter the user crea	dentials to acce	ess the network reso
) Oomain\Username		
		B
Password		
Test Connection	Sav	/e Can

Figure 171: User Authentication dialog box

d) Enter the user name and password to access the folder and click **Test Connection** to test the connection. Then click **Save** to save your settings.

6. Under Field Mapping section:

- a) Enter the controller id in the **Controller ID** text box.
- b) Select the device name from the Device Name drop-down list.
- c) Click Add New Row to add a row in Field Mapping list.
- d) Enter the width and length of the page in the Width and Length text boxes respectively.
- e) Select the Apply Tracking Rules check box to apply the tracking rules for the job.
- 7. Click Next to continue. The Schedule Job window appears.



Schedule Job	×
Schedule HP Integration Job Schedule the LaserTrack job to setup scheduling job	
Name LazerTrack_DataImport_Job Image: Don't schedule this job Run job Image: At regular interval	
H: 0 M: 0 S: 0	
✓ Weekly At: 6:30:27 PM ○ Mon O Tue ○ Mon O Tue ○ Mon O Tue ○ Mon O Tue ○ Monthly	
At: 6:30:27 PM	
< Back Next >	Cancel

Figure 172: Schedule Job window

Schedule job window is used to automatically run the activity at specified intervals. If you choose not to schedule a job, you can manually execute the job using Run Job option.

8. Select **Don't schedule this job** check box to avoid executing the import job automatically. Note that selecting the check box disabled the **Run Job** section.

Or,

Clear the **Don't schedule this job** check box to schedule the job. Note that the **Run Job** section is now enabled. You may choose to schedule a job at regular intervals or daily or



weekly or monthly as per your requirement.

 Select At regular interval check box. Specify the hours, minutes and seconds at which the job is automatically executed. For example, every 3 hours, 15 minutes and 34 seconds.

Or,

• Select **Daily** check box. Specify the time at which the job is automatically executed. For example, daily at 10:00:00 AM.

Or,

 Select Weekly check box. Click a day and time at which the job is automatically executed. For example, every Monday at 12:45:05 PM.

Or,

- Select Monthly check box. Select the day and time at which the job is automatically executed. For example, on every 5th day of the month at 10:30:00 AM.
- 9. Click **Next** to continue. The **Finish Job** window appears.

Finish Job	
Click Finish to Save LaserTrack Job	
Job Details Job Name: <u>azerTrack_DataImport_Job</u> File Path: C:\Program Files\Abacus\Abacus	Server\Temp\AbacusReportsWeb.log-2005
Field List Controller ID Device Name NULL	Width: 8.50 Length: 11.00 Apply Tracking Rule: No
	Back Finish Cancel

Figure 173: Finish Job window



10. Click **Finish** to save the LaserTrack job. The new job is added in the job list under **LaserTrack** Jobs.

Run Job

Run Job option is used to manually execute or perform a LaserTrack Data Import job. It is necessary to run the job so that data gets imported from the LaserTrack log files to the Abacus database.

To run job:

- Right-click the job name and click Run Job. Or, Select the job name. On the File menu, click Run Job.
- 2. Wait till Abacus database files are processed. The job status and remarks are displayed in the job details window.

Import Job I	nformation	Map Fields	
Import Data	LazerTrack_DataImport_Job	Controller ID	Device Name NULL
Source	C:\Program Files\Abacus\Abacus Server\Temp\AbacusReportsWeb.log- 2009-9-2.log		
Destination	Activity		
Schedule Info	D		
Status:	NOT SCHEDULED		
Schedule:			
Last Executio	n		View Log
Time	01/01/1900 12:00 AM		
Status	SUCCESS		
Remarks			

Figure 174: Job details window - Run job status and remarks



Chapter 16 Konica Jobs

In this chapter, you will learn about:

- Creating Device Konica Job
- Run Job



Creating Device Konica Job

This option allows you to create an import job to import data into the Abacus database from Konica. Follow the given procedure to create a device Konica job.

- 1. On the job list, select **Konica**.
- 2. To create a device Konica job:
 - Right-click and select **Create New Job**.

Or,

• Click **New** on the toolbar.

Or

• On the File menu, click New Job.

The Create Device Konica Job window appears.



Create De	evice Konica Job	X
۷	Create Device Konica Job Create an import job to import Data	
1		
	Job Name	
	Job Type Read Log files	
	Server Address	
	Port	
	Iso	
	< Back Next > Cance	el

Figure 175: Create Device Konica Job window (1)

- 3. Enter the **Job details**.
 - a) Enter the job name in the **Job Name** text box.
 - b) Select the job type from the **Job Type** drop-down list.
 - c) Enter the valid server address in the Server Address text box.
 - d) Enter the port number in the **Port** text box.



Create Device Konica Job	×
Create Device Konica Job Create an import job to import Data	
Job Name	
Konica Job	
Job Type	
Read Log files	
Server Address	
10.0.110	
Port	
80	
< Back Next > Ca	ncel

Figure 176: Create Device Konica Job window (2)

4. Click **Next** to continue. The **Choose Read Log Options** window appears.



Choose Read Log Options	
Oefault Device Konica Job Set Default Data For Import Job	
Billing popup display options C Always C When full information is not entered Never display billing popup C Apply Tracking Rules	
Use default values Project San Diego (53413) Phase	
None Media	•
Bond Billingcode	•
Reimbursable Notes	•
Client Request	•
Rich Aficio 2090 (First Floor Ricoh)	
< Back Next >	Cancel

Figure 177: Choose Read Log Options window

- 5. From the **Billing popup display options** section:
 - Select the **Always** option if you always want to display billing popup.
 - Select the **When full information is not entered** option if you want a billing popup to display while full information is not entered.
 - Select **Never Display Billing popup** option if you never want to display the billing popup for the jobs.
 - Select the **Apply Tracking Rules** check box if you want to apply the tracking rules for the jobs.



- 6. Under **Use default values** section,
 - a) Select the project that you want to go through from Konica from the **Project** drop-down list.
 - b) Select the project phase of the selected project that you need to read from the Konica file from the **Phase** drop-down list.
 - c) Select a media from the **Media** drop-down list.
 - d) Select a billing code from the **Billingcode** drop-down list.
 - e) Select notes from the **Notes** text box.
 - f) Select a device from the **Device** drop-down list.
- 7. Click Next to continue. The Schedule Job window appears.



Schedule Job	
Schedule Device Konica Job Schedule the import job to setup scheduling job	
Name Konica Job Image: Don't schedule this job Run job Image: At regular interval H: Image: Daily At: Image: Imam	
< Back Next >	Cancel

Figure 178: Schedule Job window

- The Schedule job window allows running the activity automatically at specified intervals. If you choose not to schedule a job, you can manually execute the job using <u>Run Job</u> option.
 - Select the **Do not schedule this job** check box to avoid executing the import job automatically. Note that the **Time Interval to Schedule** area becomes disabled.



Or,

- Clear Don't schedule this job check box to schedule the job. Note that the Time Interval to Schedule area is now enabled.
- 9. You may choose to schedule a job at regular intervals or on daily basis or weekly basis or monthly basis as per requirement.
 - Select At Regular Interval check box. Specify the hours, minutes, and seconds at which the job is automatically executed. For example, every 4 hours, 5 minutes, and 5 seconds.

Or,

Select **Daily at** check box. Specify the time at which the job is automatically executed. For example, daily at 2:34:15 PM.

Or,

 Select Weekly at check box. Click a day and time at which the job is automatically executed. For example, every Monday at 5:00:00 PM.

Or,

- Select Monthly at check box. Select the day and time at which the job is automatically executed. For example, on every 5th day of the month at 10:30:00 AM.
- 10. Click **Next** to continue. The **Preview Summary** window appears.



Preview	w Summary	<
٩	Preview Device Konica Job Preview import job to import Data	
	Job Information Name Konica Job Type Read Log files	
	Server information Address 10.0.0.110 Port 80	
	Schedule Information Not Scheduled	
	Advance Option	
	< Back Finish Cancel	

Figure 179: Finish Job window

11. Review the import job details and click **Finish**.



Run Job

Run Job option is used to manually execute or perform data import job.

To run job:

1. Right-click the job name and click **Run Job**. Or,

Select the job name. On the $\ensuremath{\textit{File}}$ menu, click $\ensuremath{\textit{Run Job}}$.

2. Wait till data is read from the Abacus database and the files are processed. The job status and remarks are displayed in the job details window.

Import Job Information	on	Map Fields	
Import Data Source Destination	Konica Job Read Log files	Source Destination	
Schedule Info Status: Schedule:	NOT SCHEDULED		
Last Execution			View Log
Time			
Status			
Remarks			

Figure 180: Job Details window



Chapter 17 Cisco Call Manager Jobs

In this chapter, you will learn about:

- Creating an Import Job
- Run Job



Creating Import Job

This option allows you to create an import job to import data into the Abacus database from Cisco Call Manager. Follow the given procedure to create a Cisco Call Manager job to import data.

- 1. On the job list, select **Cisco Call Manager**.
- 2. To create a new data import job:
 - Right-click and select **Create New Job**.

Or,

- Click **New** on the toolbar.
- Or
- On the File menu, click New Job.

The Enter Data Import Job Details window appears.



Enter Data	Import Job Details	
٢	Create Import Job Create an Cisco Call Manager job to import Data	
	Job details Job Name Import Source	ancel

Figure 181: Enter Data Import Job Details window

- 3. Enter the **Job details**.
 - Enter the job name in the **Job Name** text box.
 - Select the source from where the data will be imported from the **Import Source** dropdown list. You can either select **File** or **Database** as per your requirement from the dropdown list.
- 4. First, let's select **File** and click **Next** to continue. The **Config File Source** window appears.



Config file s	ource	×
۷	Configure Import Job Select the DataSouce to configure an import job	
File Inform Type Path Delimiter		17
	No Column Header User Authentication	4
	< <u>B</u> ack <u>N</u> ext > Cancel	1

Figure 182: Config file source window

- 5. Select the DataSource to configure an import job.
 - a) Select an appropriate file type from which the data is to be imported. The available option in the **Type** drop-down list are: log, csv, txt or Excel file formats.
 - b) Click (buddy button) and select the file residing path.
 - c) Select an appropriate **Delimiter** used to separate the values. The available options are Custom Delimited, TABDelimited, and CSVDelimited. The most common delimiters are colon, tab, and comma.



- d) Select an appropriate option whether the input file has column header or not.
- 6. Click **Next** to continue. The **Preview Import Data** window appears, which displays the list of data to be imported.

Testing San Diego 33 Mid Phase 121 Testing Developing Abacus 54 Developing 323 Develop Image: Solution of the second state of the sec	Testing San Diego 33 Mid Phase 121 Testing Developing Abacus 54 Developing 323 Develop Image: Strain Strai	1	2	3	4	5	6
Developing Abacus 54 Developing 323 Develop Image: State of the state of	Developing Abacus 54 Developing 323 Develop Abacus 54 Developing 323 Develop Abacus 64 Developing 324 Develop Abacus 64 Developing 324 Develop Abacus 64 Developing 325 Developing	Job	Project		Phase Name		
ContactAddress	ContactAddress ContactAddress						
ContactAddress ContactAddress	ContactAddress ContactAddress						
ContactAddress ContactAddress	ContactAddress ContactAddress						
	Show Field Mapping Page	ContactAdd	ress ContactA				<u> </u>

Figure 183: Preview Import Data window

- 7. To display the field mapping page, select the **Show Field Mapping Page** check box.
- 8. Click **Next** to continue. The **Field Mappings** window appears.



Note: Right Click on Fi Destination Fields JobName	ilter Button to clear Source Fields Column : 1	Filter Preview Source Job	Default	Column Fi Column Fi
Туре	Column : 1	▼ Job	Print 🚽	Column Fi
Quantity	Column : 2	 Project 		Column Fi
PrintBy	_None_	•		Column Fi
PrintBy CreateDate	_None_ _None_	• •		
		• •		
			Configure Row	v Filters

Figure 184: Field Mappings window

9. In the **Field Mappings** window, the source fields are mapped to the corresponding destination fields. You can also review and change the mapping if required. Column and Row filters can be set here depending on the conditions of import. Follow the given procedure:

Select the **Source Fields** and then click corresponding **Configure Row Filters** to apply filter. The **RowFilters** window appears.



Destination Column	Enter a value		
JobName	Testing		
	Or Choose an item	Add Filter	1
		Add Filter	
2. When the following condition:			
Select Source	Operator	Values	
Column : 1	▼ =	_	Add
		Testing	Delete
Add Condition RowFilters Summary Row Filters JobName (Value = Testin	Clear		
RowFilters Summary			

Figure 185: RowFilters window

- 10. From the Select Destinations and Columns section:
 - a) Select the destination column from the Destination Column drop-down list.
 - b) Enter a value for the destination selected in the **Enter a Value** text box or select the value from **Choose an item** drop-down list.



- c) Click Add Filter. The value gets added under the RowFilters Summary list box.
- 11. In the When the following conditions evaluates to section:
 - a) Select the source from the **Select Source** drop-down list.
 - b) Select an **Operator** from the drop-down list. The available options are: **=, in, between**, **StartsWith**, **EndsWith**, and **Contains**.
 - "=/in" is used for specifying "if the value is equal to or in"
 - "between" is used for specifying "if the value is between 2 values say, 1-100"
 - "StartsWith" is used for specifying "if the value starts with"
 - "EndsWith" is used for specifying "if the value ends with"
 - "Contains" is used for specifying "if the value contains"
- 12. Enter the values for the selected operator and click **Add**. The value gets included.
- 13. If you want to add condition to the value, select the value and click **Add Condition**. The condition will be automatically updated under the **RowFilter Summary**.

RowFilters Sum	mary
Row Filters	
JobName	(Value = Testing)
[IF Sc	purce Column(Column : 1) = Values(Development)]
JobName	(Value = Development)

Figure 186: RowFilter Summary list box

- 14. Click **Close** to close the **RowFilters** window. The condition gets added in the **Row Filter Details** section of the **Field Mappings** window.
- 15. Click **Next** to continue. You may encounter with warning messages. However, it is not mandatory to apply filter conditions for all the columns.



CiscoCa	llTracking 🛛 🔀
1	For column PrintBy no mapping, default value or filter is provided Please select Mapping column or Provide default value or add filter For column CreateDate no mapping, default value or filter is provided Please select Mapping column or Provide default value or add filter Do you want to continue?
	Yes No

Figure 187: Warning Messages

16. Click **Yes** to continue. The **Property Page** appears.



Property Page				
Configure Create Extre	External Filters enal script filters			
I Script File				
C Script				
				4
				~
<u> </u>				<u>></u>
Script Type VBScript	<u></u>	Function	abacus_externalfilte	er 💌
		< Back	Next >	Cancel

Figure 188: Property Page window

- 17. To configure external filters: (Optional)
 - Select the Script File check box, the text box below gets enabled. Click (buddy button) to select the appropriate script file.

Or,

- Select the Script check box, the text area below gets enabled. Type the external script filters in to it.
- 18. Click **Next**. The **Options** window appears.



Options					
		or Cisco Call N r Cisco Call Man			
Select De	evice: 🛛	Kerox			-
🔽 Push	Billing popup for	r these jobs	Apply Track	ing Rules	
_ Default	Data				
Proje	er E	53413 (San Dieg			-
11010			,-,		
Phas	es:				•
Billing	Code:	Non-Reimbursab	le		•
Note	s: [C	Client Request			•
			< Back	Next >	Cancel

Figure 189: Options window

- 15. Select the device from the **Select Device** drop-down list.
- 16. Select either **Push Billing popup for these jobs** check box to display the billing popup after completion of each job.
- 17. Select **Apply Tracking Rules** check box to apply the tracking rules for each job.
- 18. Under **Default Data** section:
 - a) Select a project that you want to go through from the **Project** drop-down list.
 - b) Select the project phase of the selected project that you need to read from the **Phase** drop-down list.
 - c) Select a billing code from the **Billingcode** drop-down list.
 - d) Select comments from the Notes drop-down list.



19. Click **Next** to continue. The **Schedule Job** window appears.

Schedul	e Job	X
٩	Schedule Cisco Call Manager Job Schedule the Cisco Call Manager job to setup scheduling job	
Name	Cisco Job	
	✓ Do not schedule this job	
Time In	nterval to Schedule	
	T At Regular Interval	
	Hrs O Mins O Secs O	
	Daily at 2:49:35 PM	
	Weekly at 2:49:35 PM	
	Monthly at 2:49:35 PM On Day	
	< Back Next > Cance	

Figure 190: Schedule Job window

- The Schedule job window allows running the activity automatically at specified intervals. If you choose not to schedule a job, you can manually execute the job using <u>Run Job</u> option.
 - Select the **Do not schedule this job** check box to avoid executing the import job automatically. Note that the **Time Interval to Schedule** area becomes disabled.

Or,

- Clear the **Do not schedule this job** check box to schedule the job. Note that the **Time Interval to Schedule** area is now enabled.
- 21. You may choose to schedule a job at regular intervals or on daily basis or weekly basis or monthly basis as per requirement.
 - Select At Regular Interval check box. Specify the hours, minutes, and seconds at which the job is automatically executed. For example, every 4 hours, 5 minutes, and 5 seconds.



Or,

 Select **Daily at** check box. Specify the time at which the job is automatically executed. For example, daily at 2:34:15 PM.

Or,

 Select Weekly at check box. Click a day and time at which the job is automatically executed. For example, every Monday at 5:00:00 PM.

Or,

- Select Monthly at check box. Select the day and time at which the job is automatically executed. For example, on every 5th day of the month at 10:30:00 AM.
- 22. Click Next to continue. The Finish Import Job window appears.

rish Job				2
	ish Cisco Call Man k Finish to Save Cisco		r Job	
Job Information -				
Name:	Import Data:	Ir	mport Source:	
Cisco Job	Activity	F	ïle	
Source Informati	on			
Туре:	ColHeaders	Delimiter	Import Option	
Excel	No		Update Existing	
Path	NO		opasie cine	
C:\Documents a	nd Settings\sabarnig\	.Desktop\activ	/ities.xis	
C:\Documents a Field Mapping Ir Source		Filter	/IUes.xis	
Field Mapping Ir			/Ittes.xis	
Field Mapping Ir Source	nformation Destination	Filter	/Ittes.xls	
Field Mapping Ir Source JobName Type Quantity	nformation Destination Column : 1 Column : 1 Column : 2	Filter	//Des.xis	
Field Mapping Ir Source JobName Type Quantity PrintBy	nformation Destination Column : 1 Column : 1 Column : 2 None	Filter None None None None		
Field Mapping Ir Source JobName Type Quantity	nformation Destination Column : 1 Column : 1 Column : 2	Filter None None None	/IDES. XIS	
Field Mapping Ir Source JobName Type Quantity PrintBy	ation	Filter None None None None		

Figure 191: Finish Job window

23. Review the import job details and click **Finish**.



- 24. Select the **Database** as a source from where the data will be imported from the **Import Source** drop-down list.
- 25. Click **Next** to continue. The **Configure 3rd Party Source Database** window appears.

	Configure Cisco Call M Configure an Cisco Call Ma		in schedulin	ia iob	
2	compare an cisco con ma	nager joo to ser	ap our coore	ig job	
	1				-
port Data	abase Type: Cisco Call Ma	nager			-
stabase c	onnection info				
Server	\SQLServer		UsedD	sa	
			32 74	I III III III IIII IIII IIIIIIIIIIIIII	
stabase	PhoneTrack		Password		
SN / File-					
Use D	SN				
DENVE	ile Name				-
D SN/ FI	le Name				
				Iser Authenti	cation
L Query-					
elect glob	alCallD_calld as uniqueid,	callingPartyNum	ber as caller	number, call	ingParty

Figure 192: Configure 3rd Party Source Database window

- 26. Select the import database type from the Import Database Type drop-down list.
- 27. Under Database connection info section:
 - a) Enter valid server name in the Server text box.
 - b) Enter the database name in the **Database** text box.
 - c) Enter valid user id and password in the **UserID** and the **Password** text boxes respectively.
- 28. To add DSN/File, first select the **Use DSN** check box and the **DSN/File Name** text box

gets enabled. Enter the DSN/File name or click (buddy button) to browse the exact location of the DSN/file.



- 29. The SQL Query is automatically generated when you select the **Cisco Call Manager** as an import database type and displayed in the **SQL Query** section. You can modify the query if required.
 - Preview Import Data × Preview Cisco Call Manager Job Preview an Cisco Call Manager job to view Data from Source uniqueid callernumber username receivernu.... caltime duratic 94177704520 1256592815 97137444531 1256592835 93338886909 1256592848 . Show Field Mapping Page < Back Next > Cancel
- 30. Click Next to continue. The Preview Import Data window appears.

Figure 193: Preview Import Data window

- 31. The above window allows you to preview the Cisco Call Manager jobs, which enables you to view data from the source.
- 32. To view the field mappings or to modify the mapping part, select the **Show Field Mapping Page** check box.
- 33. Click **Next** to continue. The **Field Mappings** window appears.



Destination Fields	Source Fields	Preview Source	Default	Column F
Jobliame	callernumber None	6899		Column
Type Quantity	uniqueid	14		Column F
PrintBy	callernumber	8899		Column i
CreateDate	username receivernumber	1256592805		Column F
	caltime		THE REAL	Second -
Row Filter Details			Configure Ros	w Filters

Figure 194: Field Mappings window

- 34. Map fields of Cisco Call Manager job to setup scheduling job.
- 35. Click **Configure Row Filters** to apply filter if required.
- 36. Click **Next** to continue. The **Property Page** appears.



Create	i gure External e Extrenal script	i filters			
Script File					
C:\Documents	and Settings Vi	ohn\Desktop\	Cisco, vbs		
C Script					
					1
1					<u>ب</u> ۲
Script Type VB	Script	<u> </u>	Function	abacus_est	ernaliter 💌

Figure 195: Property Page window

- 37. To configure external filters: (Optional)
 - Select the Script File check box, the text box below gets enabled. Click (buddy button) to select the appropriate script file.
 - Or,
 - Select the **Script** check box, the text area below gets enabled. Type the external script filters in to it.
 - 38. Click **Next** to continue. The **Finish Job** window appears.



Job Information	1			
Name:	Import Data:		t Source:	
Cisco Cal Job	Activity	Datat	pase	
Source Informati	on			
Type:	Server	Database	Import Option	
Abacus	Abacus	PhoneTrack.	Update Existing	
Field Mapping In Source	Destination	Filter		
JobName	calernumber	None		
Туре	None	None		
Quantity	duration	None		
PrintBy	username	None		
CreateDate	calltime	None		
Schedule Informa	stion			

Figure 196: Finish Job window

39. Click **Finish** to save the Cisco Call Manager job.

Run Job

Run Job option is used to manually execute or perform data import job.

To run job:

1. Right-click the job name and click **Run Job**. Or,

Select the job name. On the File menu, click Run Job.

2. Wait till data is read from the Abacus database and the files are processed. The job status and remarks are displayed in the job details window.



Import Job Information		Map Fields			
Import Data	Cisco Job	Source JobName	Destination Column : 1	Filter None	^
Source Destination	File Activity	Туре	Column : 1	None	
		Quantity	Column : 2	None	
Schedule Info		PrintBy	_None_	None	_
Status:	NOT SCHEDULED	CreateDate	_None_	None	
Schedule:					~
Last Execution				View Log	
Time					
Status					
Remarks					

Figure 197: Job Details view