AbacusPCR Copy Tracking & Print Retrieval
(AbacusPCR Billing 3.1)

Configure Abacus Server
Verify Abacus server is running

       Type the following URL in a browser

       http://localhost/AbacusWebServices/AbacusWebServicesExt.dll
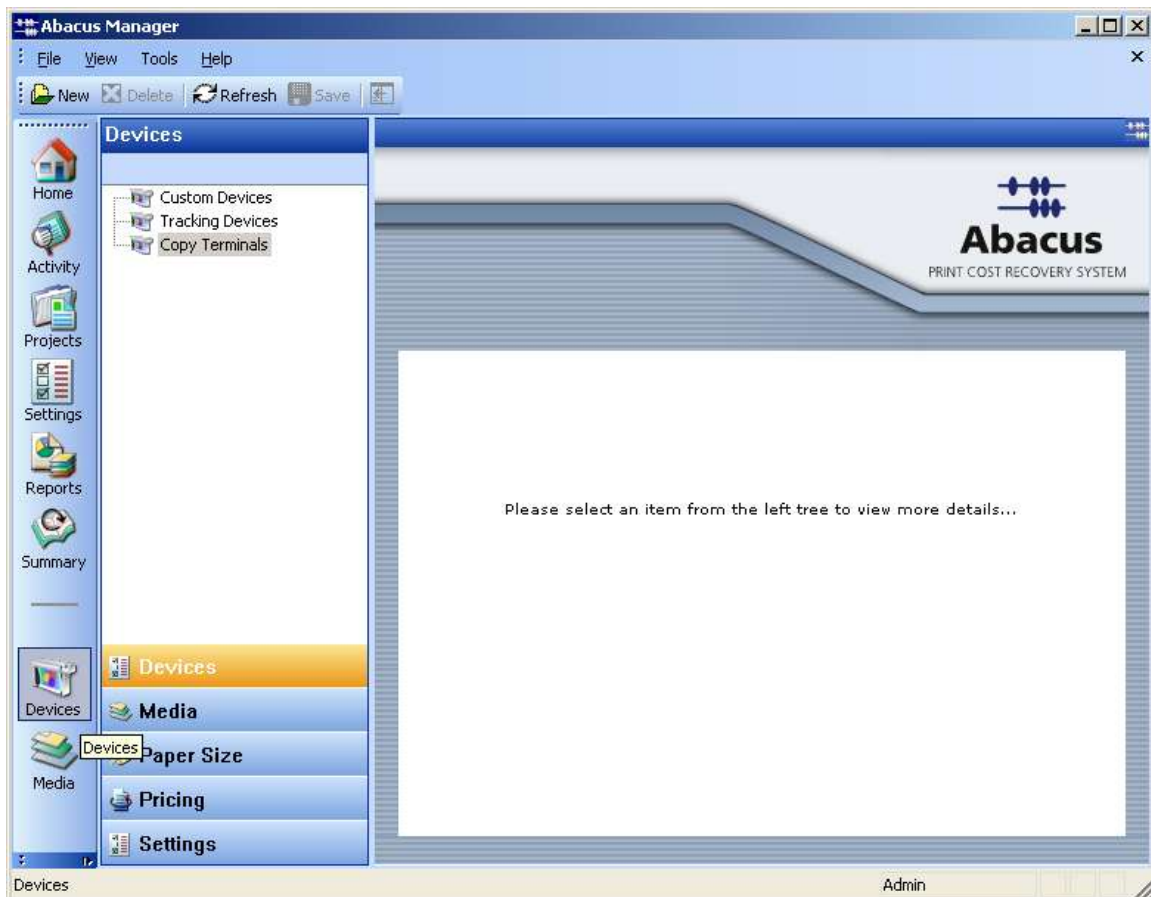
Abacus Web Services
Status : Running
Version : 2. 6. 0. 0
ServerName : ABACUS2006RC

Go to Start Menu > Programs > Abacus > Manager and run Manager

Click on Devices. Select Copy Tracking Devices from left tree

Right Click and add "New Copy Tracking Device"

Click New to create a new Copy Tracking device entry

Create Equipment Details and select serial number.

Master Equipment List

Manage Equipment List

Serial Number	Name	IP Address
None		
XPN386325	BOS-052_1FL_Co...	172.20.100.52
XPN386053	BOS-029_1FL_Co...	172.20.100.53
XES_DUMMY_SERIAL_NUM...	XES_DUMMY_SE...	10.0.0.2
XES_56	XES_56	10.0.0.56
MPC01234	canon_meap	10.0.0.2
GPQ51583	NYC-003_8FL_Co...	172.20.130.29
GPQ50599	NYC-002_8FL_Co...	172.20.130.28
GPQ50312	CT-004_ColorCo...	172.20.133.22
GPQ50295	PVD-002_1FL_Co...	172.20.113.15
GPQ50267	PVD-207_2FL_Co...	172.20.113.14
GNW50557	LV-001_ColorCopier	172.20.146.20
GNW50119	BOS-012_1FL_Co...	172.20.100.51
GNW50118	BOS-215_2FL_Co...	172.20.100.46
GNW50103	BOS-048_1FL_Co...	172.20.100.47
GNW50025	BOS-203_2FL_Co...	172.20.100.48
GNW50018	BOS-212_2FL_Co...	172.20.100.49
GNW50012	BOS-018_1FL_Co...	172.20.100.50
FZS01323	BOS-013_1FL_Co...	172.20.100.44
FZS01322	BOS-037_1FL_Co...	172.20.100.45

[Add new Equipment] [Modify] [Delete] [Import]

[Done / Select] [Close]

Equipment

Equipment Add/Modify
Addition and Modification of Equipment

Equipment Name: Canon_Meap

Serial Number: MPC01234

IP Address: 10.0.0.2

Language Capabilities:
☑ PCL 5
☑ PCL 6
☑ Post Script

Device Capabilities:
☑ Duplex
☑ Copies

☐ Use Print Retrieval on this Device

Driver Name:

Note: Create a seperate local only driver for each print retrieval device on print server for Abacus printing
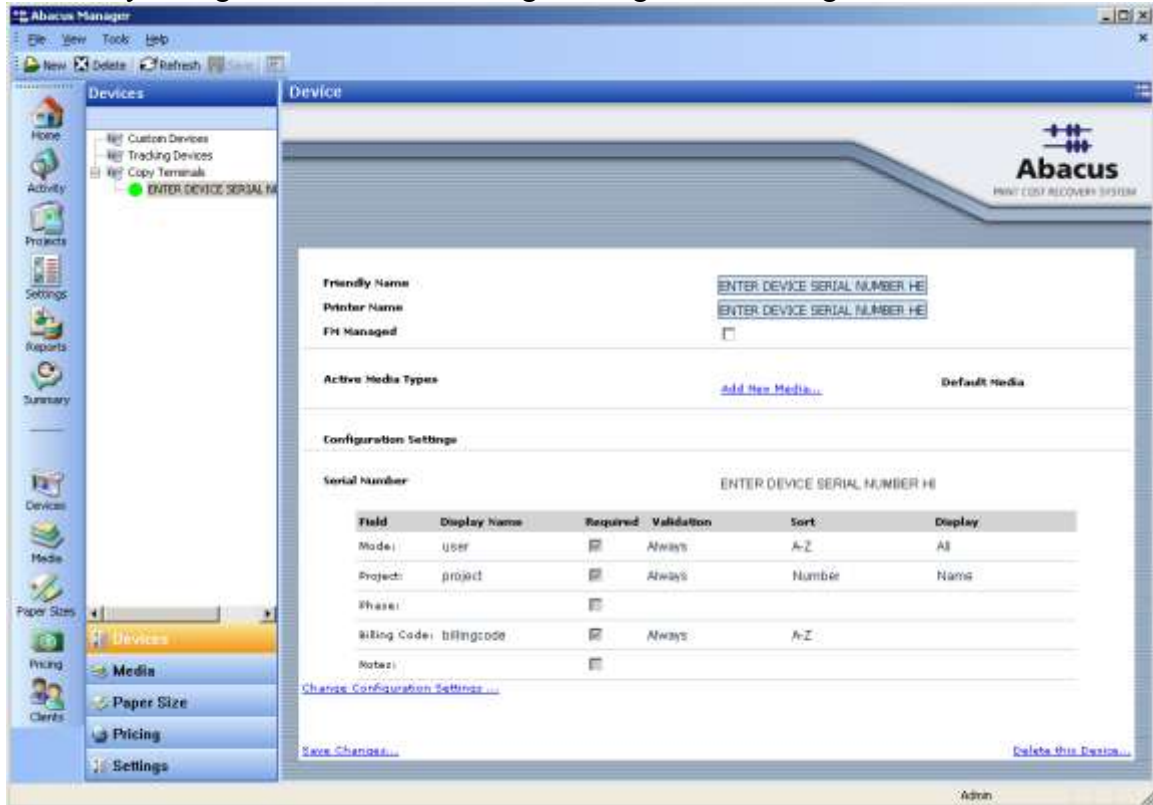
[Add Equipment] [Cancel]

Create a new device by using above defaults and click on "Add" button

Click Close

A new Copy Tracking device is added to Abacus and to the left tree in the Manager application.

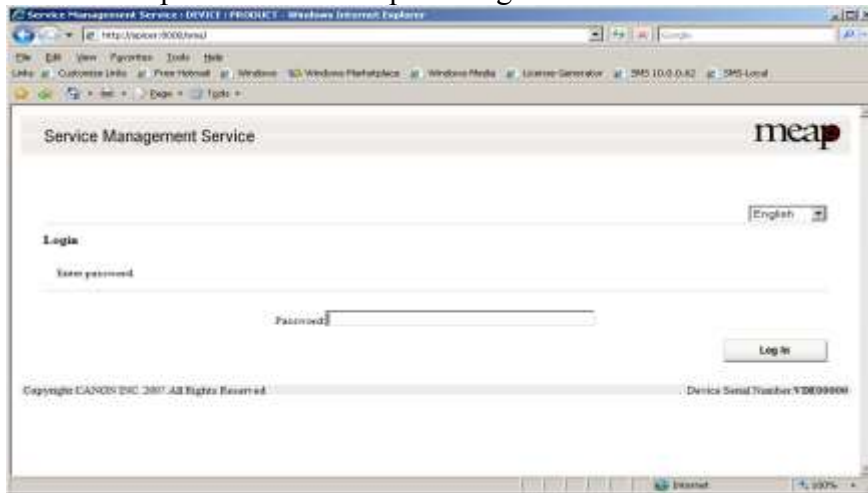To modify configuration click on "Change Configuration Settings"

Now the MEAP device is ready to be installed and synced with Abacus.

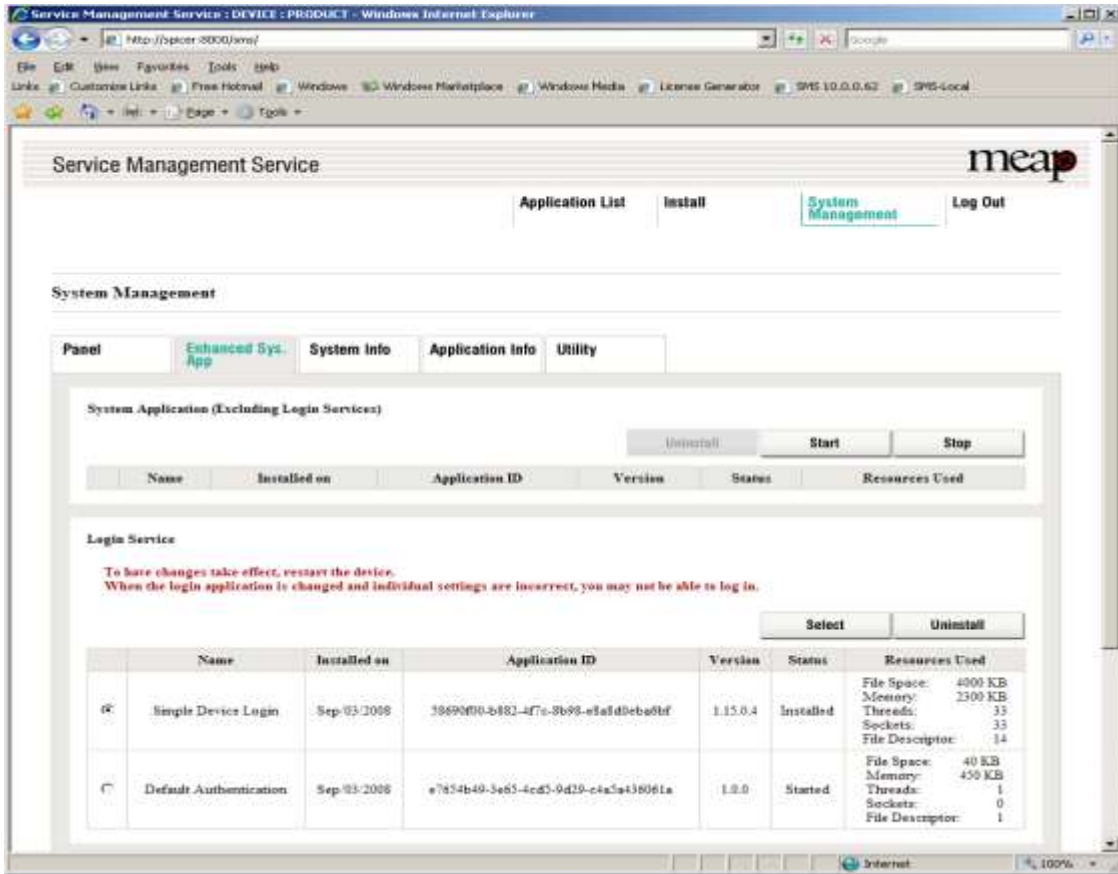**Preparing for the Canon MEAP login application installation**

Install Abacus Login MEAP application.

Open any web browser and type http://<DeviceIPAddress>:8000/sms
The default password is "MeapSmsLogin"

After logging go to System Management Tab and Enhanced Sys. App sub tab

Install Abacus Billing Application: (installed as a System Application)
(AbacusBilling.jar, License.lic are supplied)
select jar file and lic file to install and click on Install

Install AbacusPCR Print Retrieval Application: (installed as a MEAP application)
(AbacusPCR.jar, License.lic are supplied)
select jar file and lic file to install and click on Install
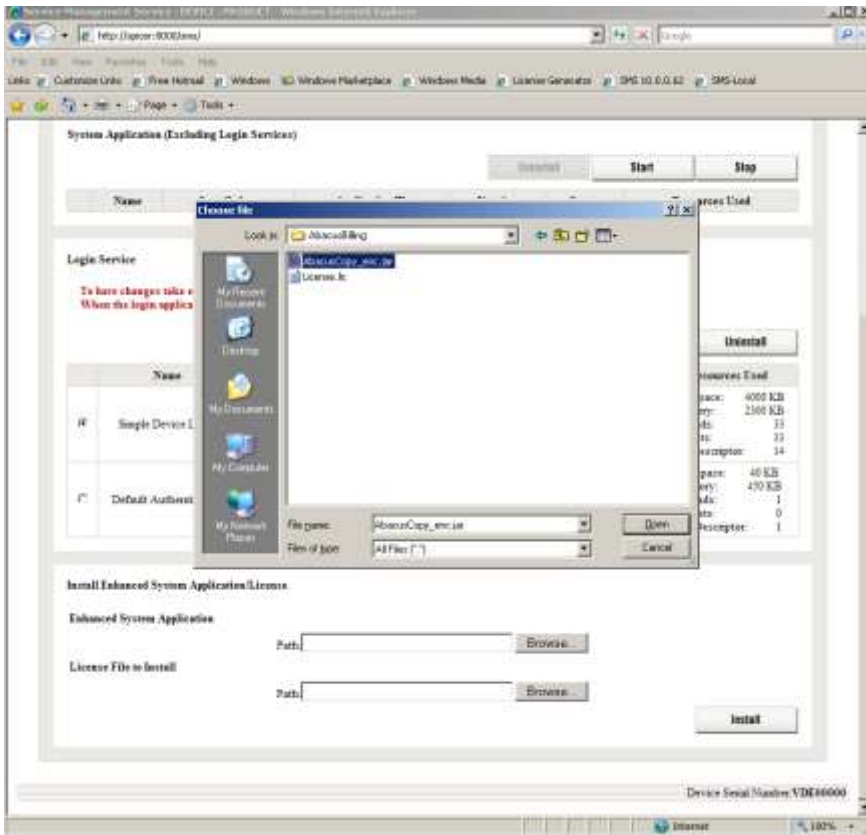
confirm install

Service Management Service meap

Confirm

Install Application/License

Click OK to install the following application.

Application Information

	OK	Cancel

Properties	Details
Application Name	AbacusLoginApplication
Version	1.0.0.0
Application ID	11111111-2233-1111-2222-222222222222
Manufacturer	ABC Inc.
Description	Abacus Login Application

License Information

Properties	Details
Serial Number	-
Application ID	11111111-2233-1111-2222-222222222222
Validity	
Expires after	Does not Expire

Device Serial Number VDE00000

AbacusPCR LoginApplication displays in the list as one of the installed System
Applications

Check the radio button next to AbacusPCR Application
and Click on Select button above it to set it as the default application for startup

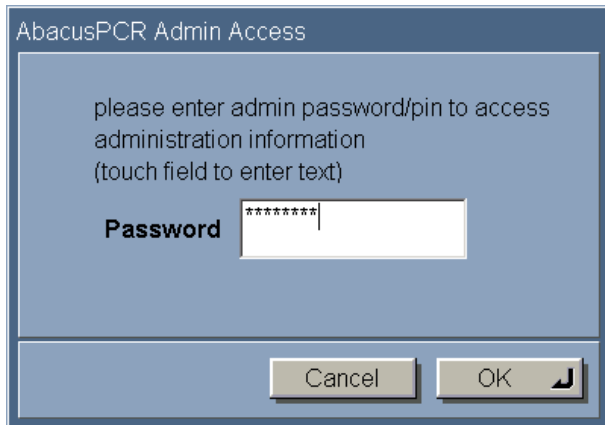**At this point the AbacusPCR Login Application installation is complete.**

Starting Application for first time

Restart the copier device at this time.
After starting up wait for a minute or two minutes for it initialize.

After Installation when the machine starts the first screens shows like below.

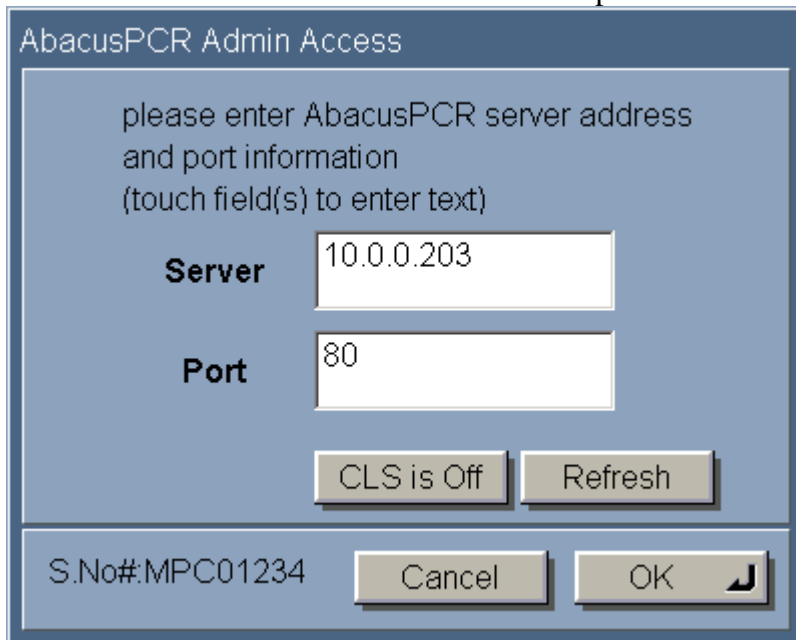Enter AbacusPCR Admin Password. Default: 00000000 (8 Zero's) and press OK

```
AbacusPCR Admin Access

        please enter admin password/pin to access
        administration information
        (touch field to enter text)

                        ********|
        Password

                    Cancel          OK    ⏎
```

Enter Abacus Server IP address and leave the port default to 80.

```
AbacusPCR Admin Access

        please enter AbacusPCR server address
        and port information
        (touch field(s) to enter text)

        Server      10.0.0.203

        Port        80

                    CLS is Off      Refresh

S.No#:MPC01234      Cancel          OK    ⏎
```
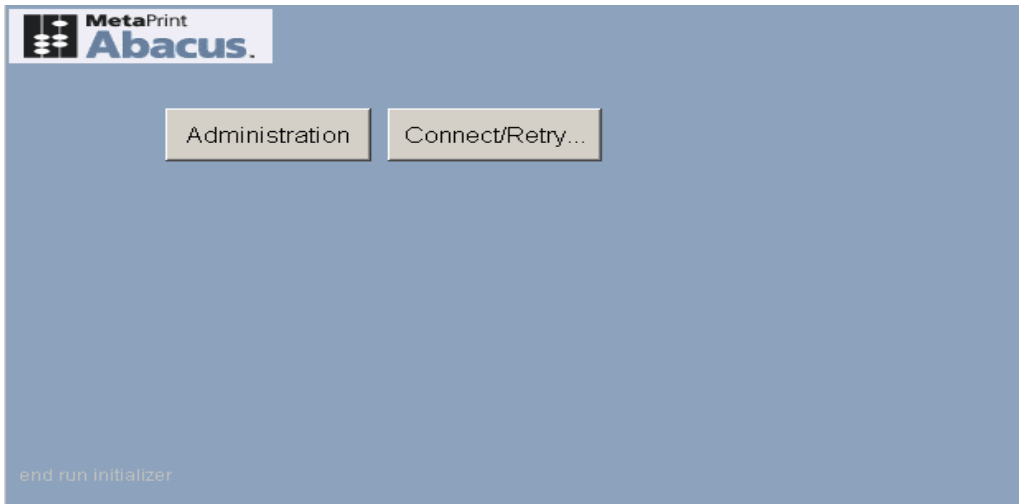
If the connection has not been established the below screen is displayed giving the user opportunity to change server information. Also check the firewall settings on the abacus server make sure HTTP Port 80 is not blocking.
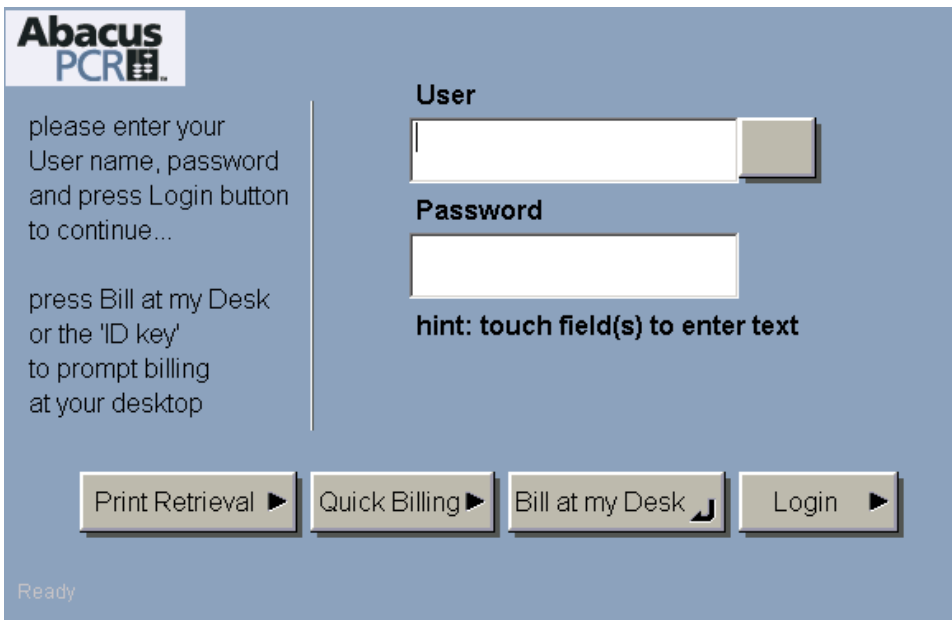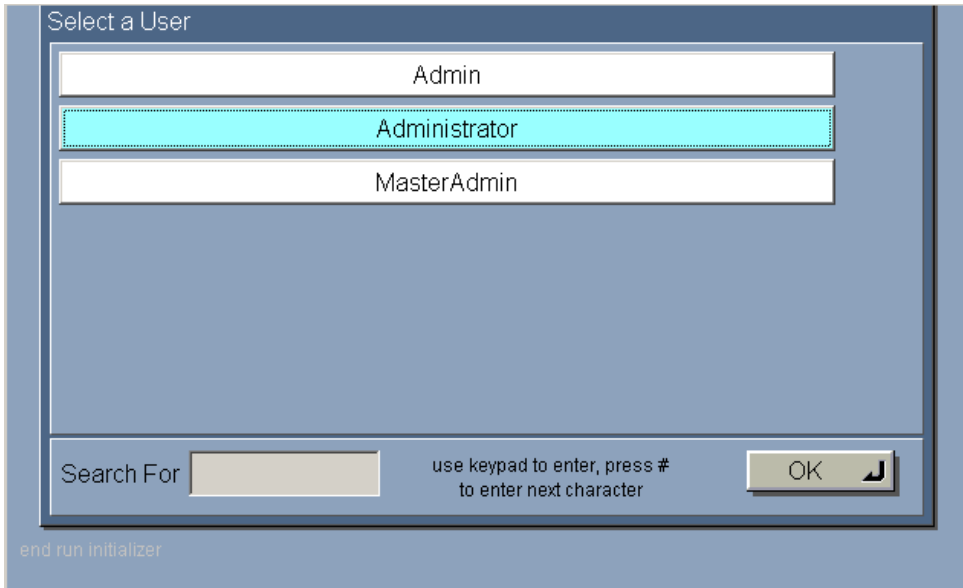Once the right information is entered. Click on Connect/Retry to reattempt connection to Abacus server.

Depending on settings specified at the time of creating the device on the Abacus Manager the UI changes accordingly
Touch the right buttons to bring up lookup lists for the item.
Touch the left button Labels to bring up virtual keyboard.
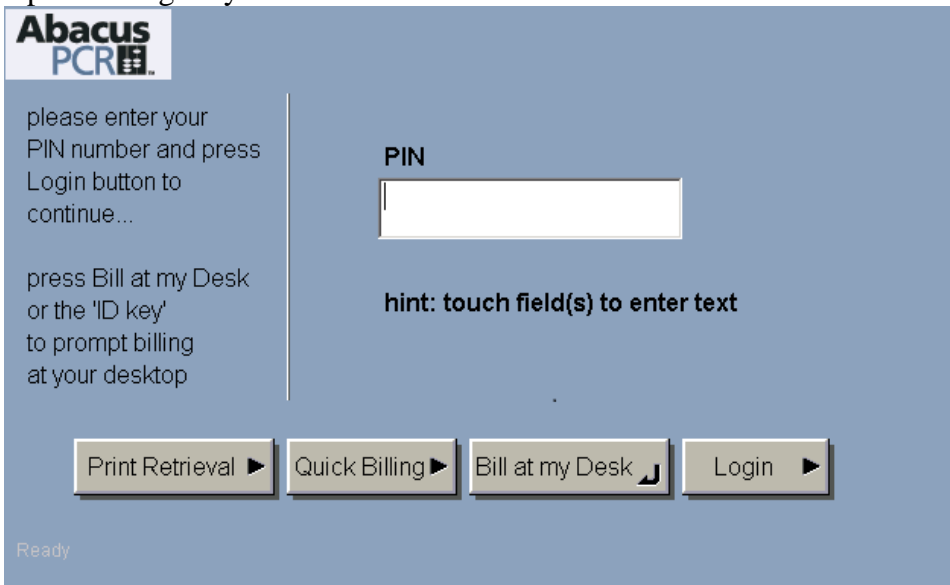
Touch on Login to authenticate and enter further project information

Touch on Bill at my Desk to follow the user and prompt additional billing information at his desk.

Option to login by User PIN number can be set from the Console

Note: The Administration button is hidden by default. If an administrator wants to change the Abacus settings then press RESET key 3 times and CLEAR to toggle the Administration button display.
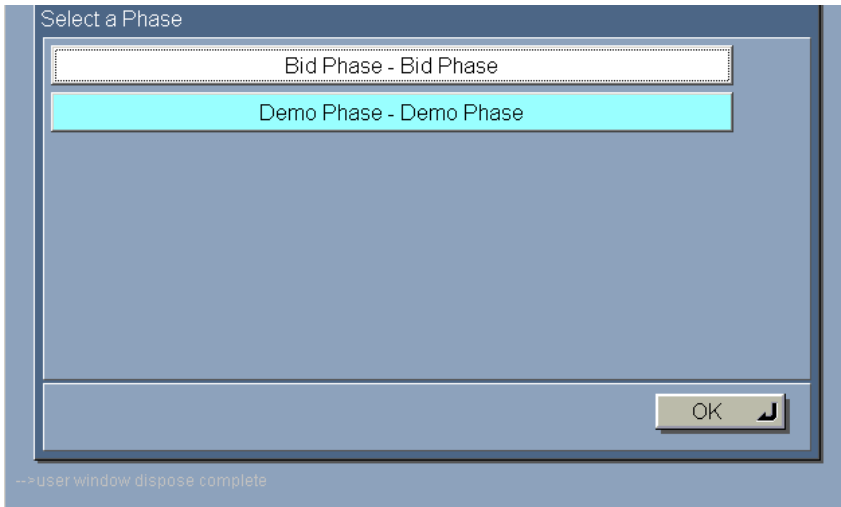
Touch on Login to enter Project information…
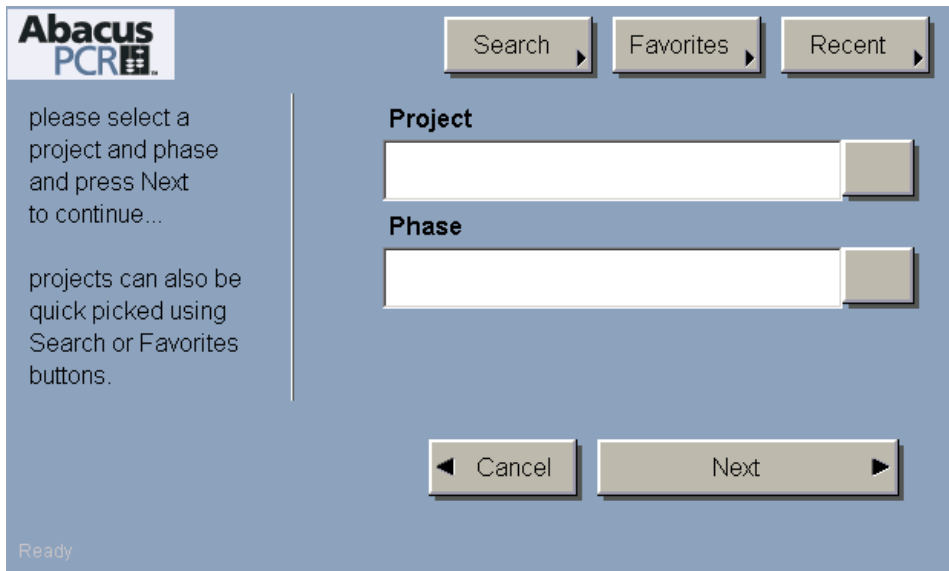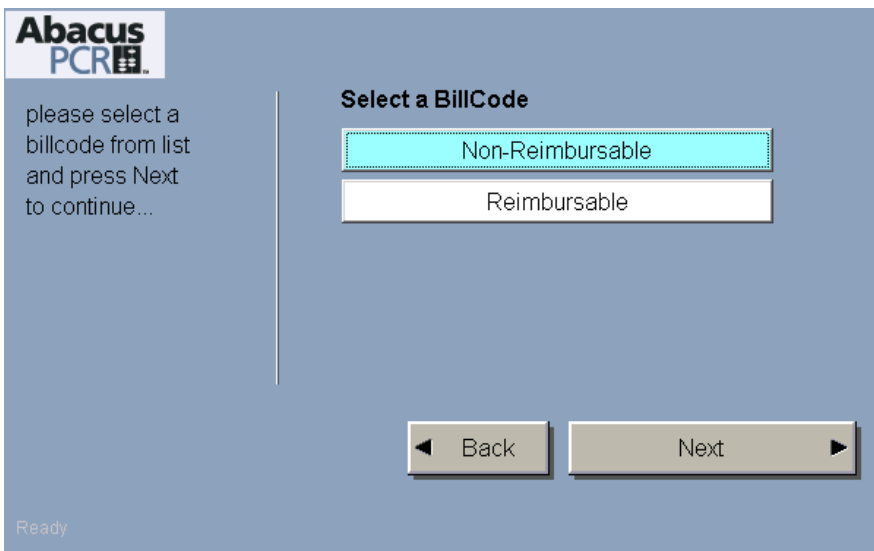
Select Projects using the Projects lookup.
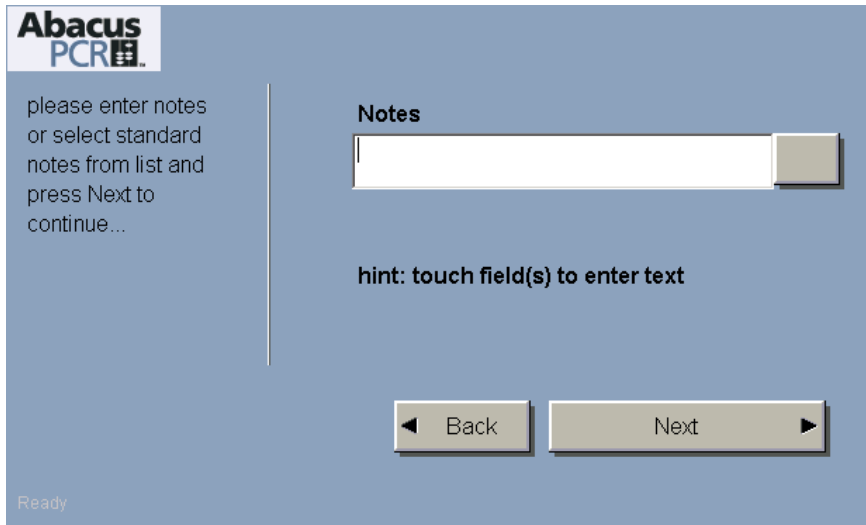Projects can also be searched or quickly selected by quick access buttons at the top.
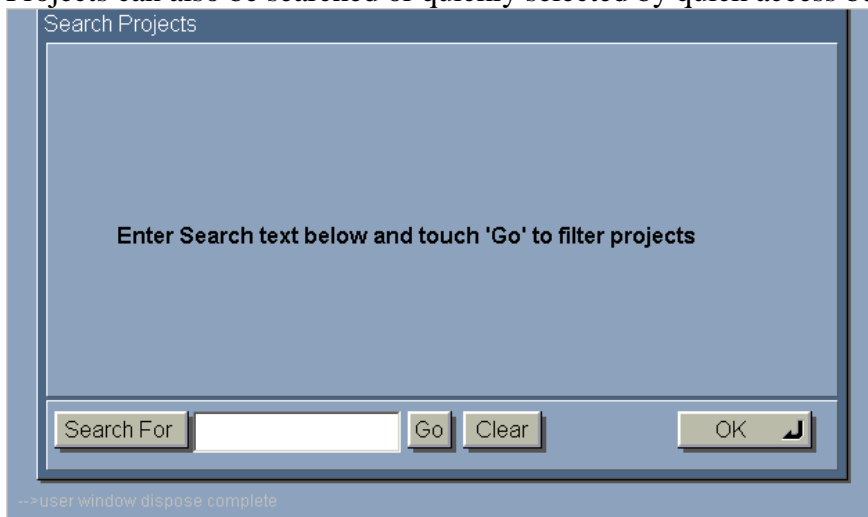
Select Phase using Phase lookup. If there are no phases for the selected project then this lookup will show empty list.

Touch Next to enter billing code

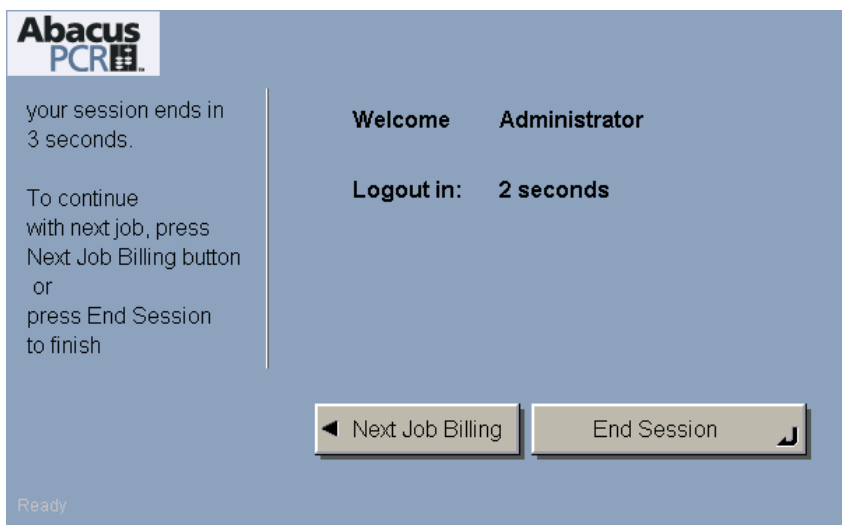Touch Next to enter Notes/Comments.

Abacus PCR

please enter notes
or select standard
notes from list and
press Next to
continue...

Notes

hint: touch field(s) to enter text

◄ Back   Next ►

Ready

Touch Next to finally login to the device and start using the system for copying, scanning etc.

After user finishes press ID Key (login/logout key) to logout.
After logout the user is given a choice to continue billing for the next job without entering login credentials.
If the user does not make a choice to continue billing for next job within 3 seconds then he will be taken to authentication screen and need provide login credentials to login again

Abacus PCR

your session ends in
3 seconds.

To continue
with next job, press
Next Job Billing button
 or
press End Session
to finish

Welcome   Administrator

Logout in: 2 seconds

◄ Next Job Billing   End Session ↵

Ready

If the user decides to continue with next job then he will be taken to project billing screen. All subsequent jobs will be recorded with new billing information.

Quick Select Keys:
Billing entry consists of selecting Project, Phase, Reimbursable, Comments, and Custom Field. Users can configure project billing fields as favorite keys.

Users can choose from the quick keys instead of entering the billing fields.

To choose quick billing click on Quick Billing after entering pin number to login and enter into the list of quick billing items.

Optionally enter comments or login to the MFP from here.

Print Retrieval

AbacusPCR Print retrieval is a secure printing module for clients to save paper wastage and provide secure document retrieval.

Workflow: Users print to drivers configured for print retrieval. Such Jobs are saved in AbacusPCR repository. User can then walkup to any supported MFP device and release the prints to the device.

When the user logs in all the jobs belonging to the user are listed. One or more jobs can be chosen to be printed.

Select All: Select all documents

Delete: Delete Selected Documents

Print w/ Options: Print the selected documents with a different set of options

Print+Delete: Print the document and delete from list

Print: Print the job

Home: Go back to AbacusPCR Print Retrieval Home page in case of MEAP application or logout and go back to login page in case of AbacusPCR billing login application

Options like number of copies, duplex, color can be changed before printing.

Click on Print or Print w/ Options to start spooling the print file to MFP.

Contextual Login Mode

Contextual Login mode can be enabled from AbacusPCR Admin Access. When running under Contextual Login Mode, AbacusPCR authentication screen only comes up when the user clicks on Copy or Scan buttons.

Note: - The device needs to be restarted in order for the changes to take effect.

Verify Transactions

Verify user transactions by going into AbacusPCR Manager again.
And click on Activity button on left side
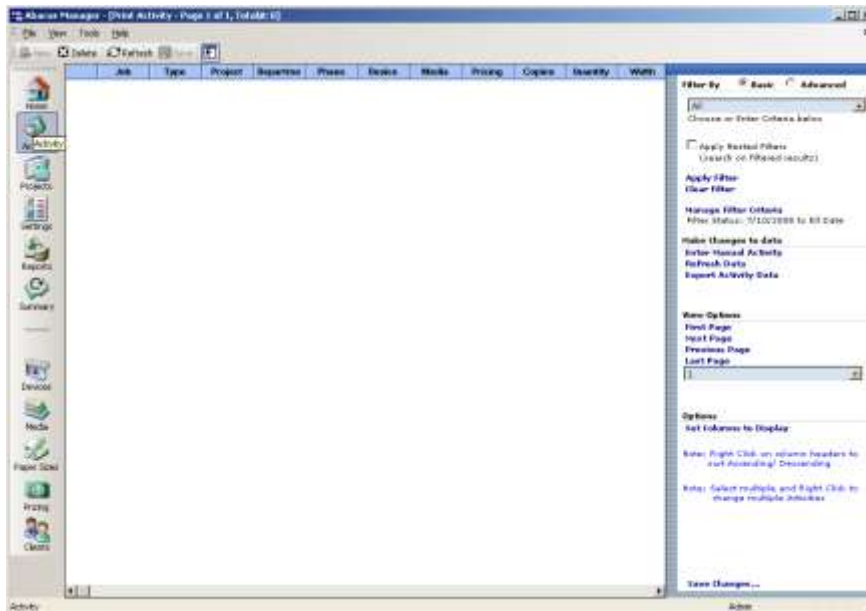
The recent user activity should show up in the activities list.

Please contact AbacusPCR support if the transactions are not recording correctly.

Uninstalling AbacusPCR Application from Canon MEAP Device

Open browser and logon to sms site http://<deviceip>:8000/sms again
Go to System Management > Enhanced Sys.App tab
You should see AbacusPCR application with "Started" state.

In order to remove the AbacusPCR application it has to be stopped.
To do that select radio button next to Default Authentiation and Click on Select button above.

This will set the AbacusPCR application to stop mode and Default Authentication to start mode.
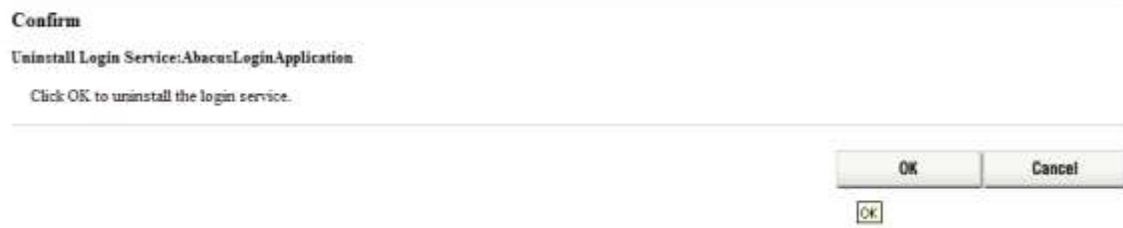
Restart the device and log on to "sms" again

Now AbacusPCR application can be uninstalled

Click on Uninstall button and confirm uninstall Abacus

Confirm

Uninstall Login Service:AbacusLoginApplication

Click OK to uninstall the login service.

| OK | Cancel |

OK

At this time the device is back to its original state.