

Pre requisites

1. An Active Directory User account (Not a domain administrator) where the login id and username are two words with a space in the middle ie **John Smith** that has a password set
2. The I.P address of the LDAP Server (Which will most likely be the Active Directory Server Domain Controller)
3. LDAP Browser by softerra (So you can establish the Search Base / LDAP Path) website below

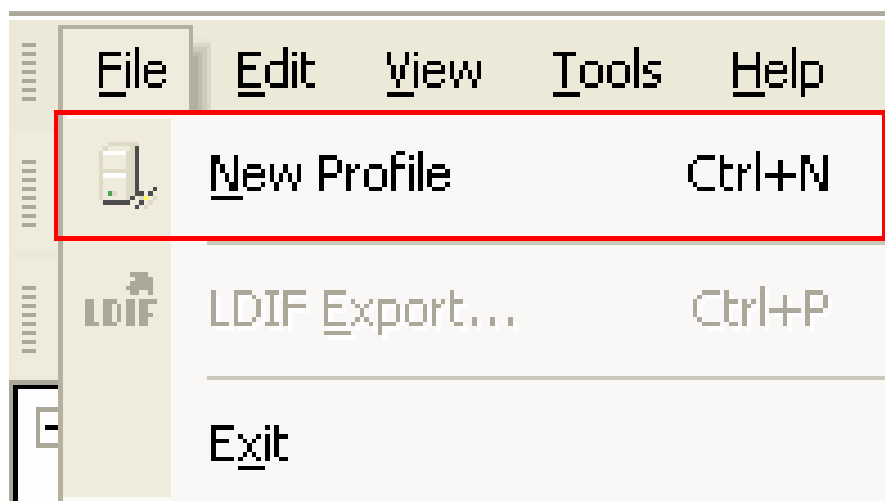
<http://www.ldapbrowser.com/download.htm>

4. Admin login credentials for the photocopier so you can login as the machine administrator either through the web interface (WIM – Web Image Monitor) or on the photocopier itself so as to make the relevant changes.
5. The I.P Address or Host Name of the Photocopier if configuring through the web interface (WIM – Web Image Monitor)

Attaining Search Base using LDAP Browser

1. Download LDAP Browser (**Not** administrator) from website above and install
2. Launch LDAP Browser and create a new profile with all the relevant settings as per below

File → New Profile



Enter in a profile Name or Alias for your Domain / LDAP Server and click Next



The image shows a Windows-style dialog box titled "Server Connection Profile Wizard". It has a blue title bar with a close button (X) in the top right corner. The main area is light beige. On the left, there is a small illustration of a server rack with a bright starburst effect emanating from it. To the right of the illustration, the text "Please enter connection profile name" is displayed. Below this, the label "Connection profile name:" is followed by a text input field containing the placeholder text "Profile Name Here". At the bottom of the main area, the text "Click Next to continue." is shown. The bottom of the dialog features a horizontal line above five buttons: "< Back", "Next >", "Finish", "Cancel", and "Help". The "Next >" button is highlighted with a darker border.

Server Connection Profile Wizard

Please enter connection profile name

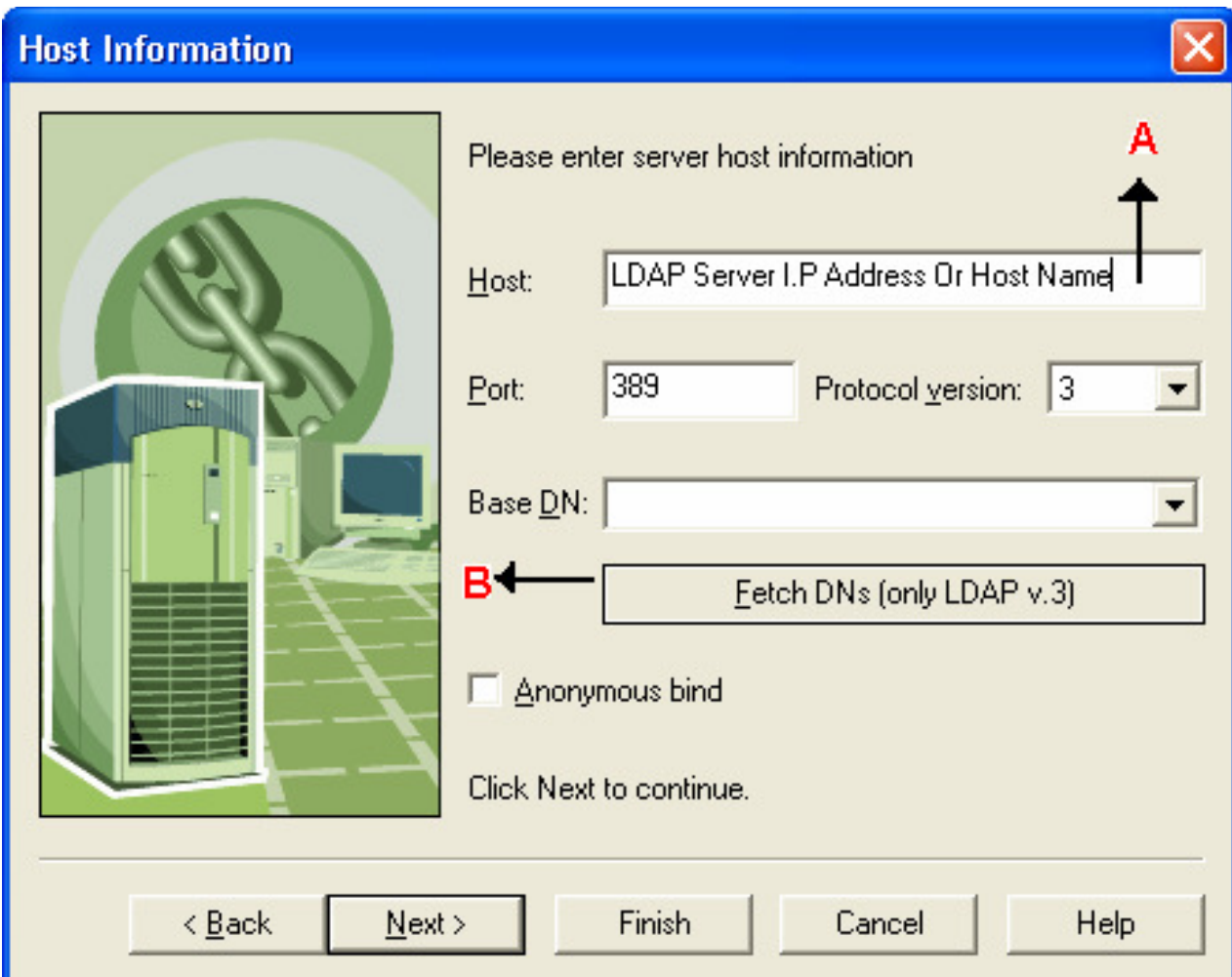
Connection profile name:

Profile Name Here

Click Next to continue.

< Back Next > Finish Cancel Help

This will give you the relevant dialog as per below to enter in the LDAP or Active Directory Server Name or IP Address.



The image shows a 'Host Information' dialog box with a blue title bar and a close button. On the left is a green server rack icon. The main area has a light beige background. At the top, it says 'Please enter server host information'. Below this are four input fields: 'Host' (containing 'LDAP Server I.P Address Or Host Name'), 'Port' (containing '389'), 'Protocol version' (a dropdown menu showing '3'), and 'Base DN' (an empty dropdown menu). To the right of the 'Host' field, a red letter 'A' with an upward-pointing arrow indicates where to enter the LDAP server information. Below the 'Base DN' field, a red letter 'B' with a leftward-pointing arrow indicates the 'Fetch DN's (only LDAP v.3)' button. Below this button is an unchecked checkbox labeled 'Anonymous bind'. At the bottom, it says 'Click Next to continue.' and there are five buttons: '< Back', 'Next >', 'Finish', 'Cancel', and 'Help'.

Host Information

Please enter server host information

Host: LDAP Server I.P Address Or Host Name

Port: 389 Protocol version: 3

Base DN:

Fetch DN's (only LDAP v.3)

☐ Anonymous bind

Click Next to continue.

< Back Next > Finish Cancel Help

- 1) Enter in either the I.P Address or Host Name of the LDAP Server as indicated by A in the above diagram.
- 2) Click on the **Fetch DN's** button which will enumerate all the relevant information from your LDAP Server.
- 3) Click on the drop down menu next to Base DN and scroll down to the bottom option (generally this should be the LDAP Path to your LDAP Server)

If you have any security setup on your LDAP Server ie SSL then the port number will need changing accordingly

Click Next

This will prompt you with a similar dialog as per below for the Active Directory User account login credentials (username and password)

Credentials [X]



Please enter user information

User DN:

Password:

☐ Save password

Click Next to continue.

< Back Next > Finish Cancel Help

Once entered click Next and it should prompt with you with the Finish Dialog Window as per below – Click Finish and this will add a new profile which may or may not prompt for login credentials

LDAP Settings [X]



Connection Options

Filter:

Timeout: Entry count limit:

☐ Try to use secure connection (only LDAP v.3)

Dereference Aliases

☒ Never ☐ Searching
☐ Finding ☐ Always

☒ Enable Referrals

☒ Connect now

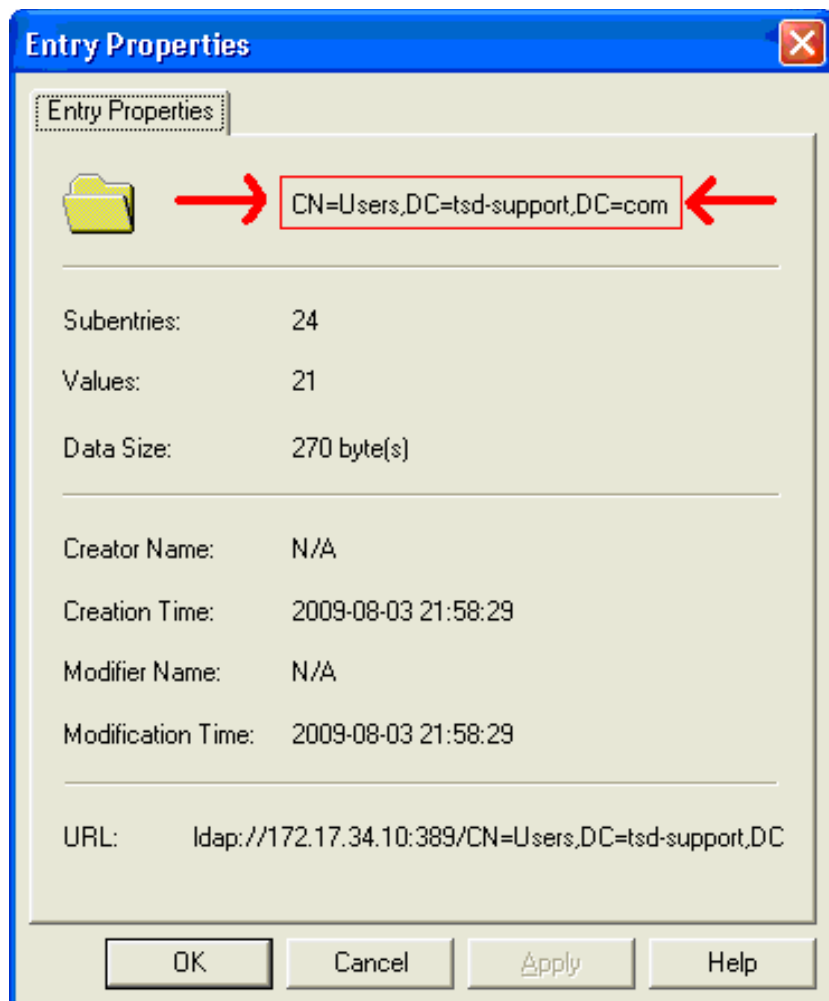
< Back Next > Finish Cancel Help

If Prompted for the password again you will get a dialog similar to below



Once back at the LDAP Browser window you should see the profile you created with the profile name (as assigned above)

Give it a few minutes or more to download / replicate the LDAP server Layout and then you can use the + (Plus) symbols to navigate down to the relevant Main OU (Organizational Unit) where the users are located (Generally this states **CN=Users**), right click on this OU / Folder and go to properties which will give you the full LDAP path or search base ie

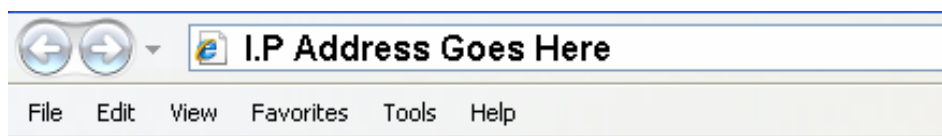


High lighted in the above screen grab is the LDAP Path / Search Base in the red box which you can highlight the full search base using your mouse cursor and copy it (ctrl + C) and then go back to the web interface (Web Image Monitor) to paste it into the search base field (Ctrl + V)

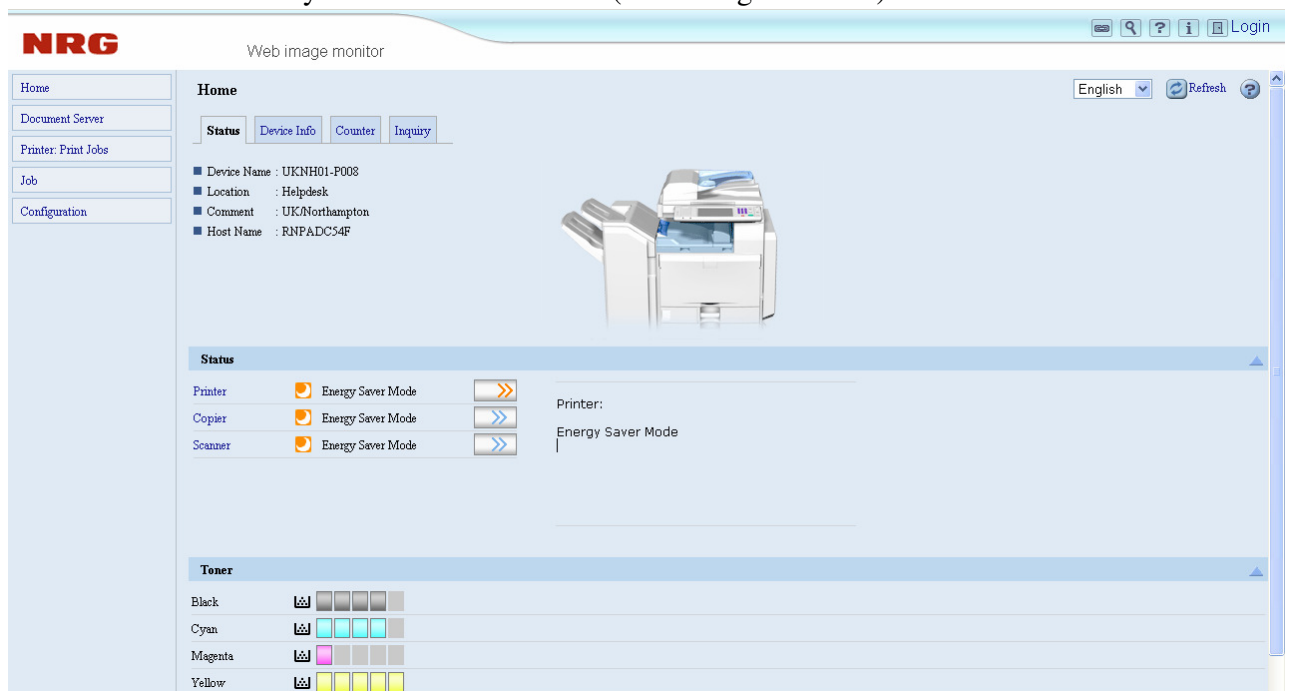
Instructions on the next page for the web image monitor / web interface.

LDAP Configuration through WIM

1. Enter in the I.P Address or Hostname of the photocopier into the address bar of your web browser ie Internet Explorer or Fire Fox and press enter or click Go



2. This should take you to the web interface (Web Image Monitor)



3. Click the **Login** link at the top of the page (either left or right) and login using the admin credentials, by default these should be

Username = **admin**

Password =

Password is blank ie ignore the password field – see below screen grab on the next page

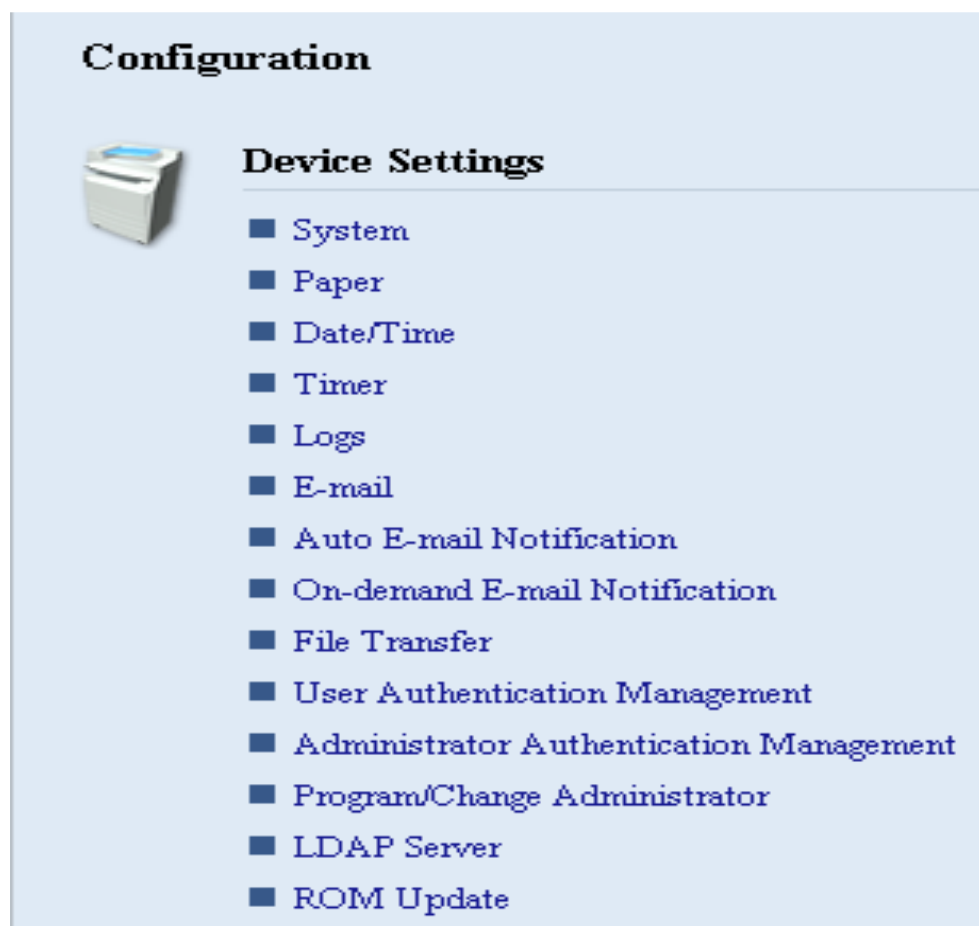
Login User Name :	admin
Login Password :	
	Login

Click on the **Login** Button to login

Once logged in (The login link should change from login to administrator click on the configuration link which is generally down the left hand side similar to below



This will load the configuration page, one of the sections being **Device Settings** as below



Click on **LDAP Server** which will load the settings for programming / changing / deleting the LDAP Servers similar to below

LDAP Server

OKCancel

■ LDAP Search : ☒ On ☐ Off

Program/Change/Delete

 Change

 Delete

	LDAP Server	Identification Name
☒	1	Not programmed
☐	2	Not programmed
☐	3	Not programmed
☐	4	Not programmed
☐	5	Not programmed

OKCancel

Ensure that LDAP Search is set to on (as per above) then select the LDAP Server profile that you want to change / amend / delete using the radio button and click on the change option / link. This will load the settings page for the LDAP Server Profile selected as per next page which are as follows

Items that require setting up

Identification Name : Alias to identify LDAP Server

Server Name : I.P Address or Host Name of the LDAP Server

Search Base : LDAP Path to the relevant OU where the users are

Port Number : Port that LDAP Uses which will change depending on if SSL is enabled or disabled

SSL : Gives you a toggle to enable / disable SSL

Authentication : Gives you a toggle to enable / disable authentication to the LDAP Server

Username : Active Directory account username (Not login ID)

Password : Password for the Active Directory Account

Connection Test : Button you can click on to test the connection

Optional Items that do not require setting up

Search Conditions are programmed by default and **Search Options** are optional

LDAP Server Profile Settings

LDAP Server3	
OKCancel	
■ Identification Name	:
■ Server Name	:
■ Search Base	:
■ Port Number	: 389
■ SSL	: ☐ On ☒ Off
■ Authentication	: Off
■ User Name	:
■ Password	: Change
■ Connection Test	: Start
Search Conditions	
■ Identification Name	: cn
■ E-mail Address	: mail
■ Fax Number	: facsimileTelephoneNumber
■ Company Name	: o
■ Department Name	: ou
Search Options	
■ Attribute	:
■ Key Display	:
OKCancel	

Once all items are programmed in and the connection test succeeds you can now click on the **OK** button so that it saves the changes made to the LDAP Server Profile and then Click on the **OK** button again so that it takes you back to the configuration section / page.

Now test to see if your copier can find users / contacts via the **Search Dest.** button in the scanner mode (last button on the bottom left side of the copier) and select the LDAP Server Profile name that you assigned to your LDAP Program and then try and search for a user either by first and last name ie John Smith or by there email address ie [user@domain.com](#)