



# Scan Features Minimum Requirements Guide

WorkCentre M123/M128  
WorkCentre Pro 123/128

701P42081



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**WorkCentre Pro 123/128**  
**Minimum Requirements**  
**To enable Scanning Features**

**6/28/04**

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## Purpose

This document is intended to help the support centers and analysts in enabling Networking and Scanning features for use on a M123/M128 device. This document is not a substitute for the system administrator's guide or the user guide, rather it is intended to be used as a quick reference or checklist when enabling the scanning features.

## General Network Setup

These are the minimal settings required to enable the device on the network.

| General Network Setup |   |  |  |
|-----------------------|---|--|--|
| Field Name            | Description   | Location   | Value  |
| Host Name             | The device's SMB Host Name.   | WUI :<br>Properties → Protocol Settings → TCP/IP   | _____<br>Ex: XRXXXXXXXXXXXXXXXXX   |
| Enable "TCP/IP" Port  | Port by which TCP/IP client communicates with the TCP/IP server   | WUI :<br>Properties → Port Settings<br><br>LUI :<br>System Settings → System Settings → Network Settings → Port Settings                   | _____  |
| Get IP Address        | The Method used to get an IP address.<br>Examples are; <ul style="list-style-type: none"> <li>• DHCP or</li> <li>• Manual,</li> <li>• Etc.</li> </ul> | WUI :<br>Properties → Protocol Settings → TCP/IP<br><br>LUI :<br>System Settings → System Settings → Network Settings → Protocols Settings | <u>Default is DHCP Auto.</u><br><br><b>Note: If set for anything other than Manual, skip IP Address, Subnet Mask and Gateway fields.</b> |
| IP Address            | This is Sheeta's TCP/IP Address.<br><br>The IP Address is a unique address that identifies a device in a network.                                     | WUI :<br>Properties → Protocol Settings → TCP/IP<br><br>LUI :<br>System Settings → System Settings → Network                               | ____.____.____.____<br><br>Ex: 192.168.1.50  |

| <b>General Network Setup</b> |  |  |  |
|------------------------------|--|--|--|
| <b>Field Name</b>            | <b>Description</b>   | <b>Location</b>  | <b>Value</b>                                     |
|                              |  | Settings → Protocols Settings  |  |
| Subnet Mask                  | The Subnet mask address of the device. The Subnet Mask identifies which part of the IP Address contains the Subnet Address and which part contains the host (or device) address. | WUI :<br>Properties → Protocol Settings → TCP/IP<br><br>LUI :<br>System Settings → System Settings → Network Settings → Protocols Settings | _____._____._____._____<br><br>Ex: 255.255.255.0 |
| Gateway Address              | The Gateway Address is the IP Address of the gateway, or router, that the machine will use to access devices on other subnets.   | WUI :<br>Properties → Protocol Settings → TCP/IP<br><br>LUI :<br>System Settings → System Settings → Network Settings → Protocols Settings | _____._____._____._____<br><br>Ex: 192.168.1.1   |

## Advanced Network Setup

DNS and WINS information has to be populated if a server name has been specified. DNS and WINS are protocols that allow the device to use names rather than IP addresses when specifying the hosts of services that the device uses (ex: LDAP Host, Kerberos Host, SMTP/ pop3 Host, etc).

### Prerequisite

Complete the Network Installation. Refer to → General Network Setup

| <b>Advanced Network Setup</b>                                      |  |  |  |
|--|--|--|--|
| <b>Field Name</b>  | <b>Description</b>   | <b>Location</b>                                  | <b>Value</b>   |
| DNS Server Address (up to 3 DNS server addresses can be specified) | Dynamic Name Service. Specifying hosts by IP address is error prone and difficult. DNS allows names to be assigned to IP addresses. A DNS server allows a client (like | WUI :<br>Properties → Protocol Settings → TCP/IP | _____._____._____._____<br><br>Ex: 192.168.1.2<br><br><b>If DHCP box is check via Web UI, then DNS address</b> |

| Advanced Network Setup   |   |  |   |
|--|---|--|---|
| Field Name   | Description   | Location   | Value   |
|  | M123/M128) to ask the DNS server to look up the IP address for hosts specified by name.   |  | <b>information is populated automatically.</b>  |
| DNS Address 1-3  | These three fields allow the entry of DNS server IPs. For the device to use any Hostname...   | WUI :<br>Properties → Protocol Settings → TCP/IP | ____.____.____.____<br>Ex: 192.168.1.2  |
| DNS Name   | This is the Domain name of the device.  | WUI :<br>Properties → Protocol Settings → TCP/IP | Ex:<br><DNSName>.<company>.com  |
| Domain Name (up to 3 DNS Domain Names addresses can be specified). | If DNS Server Address (IP address) is left blank, then the DNS domain names need to be specified  | WUI :<br>Properties → Protocol Settings → TCP/IP | Ex:<br><DNSName>.<company>.com  |
| WINS Server  | Used in Microsoft Networking (SMB). WINS allow names to be assigned to IP addresses. A WINS server allows a client (like Sheeta) to ask the WINS server to look up the IP address for hosts specified by name | WUI :<br>Properties → Protocol Settings → TCP/IP | Ex:<br><DNSName>.<company>.com<br><b>If DHCP box is check via Web UI, then WINS address information is populated automatically.</b> |

# Remote Authentication Setup

The M123/M128 device performs user authentication using Kerberos for windows and Kerberos for Solaris. When enabled, user access to scanning features (excluding scan to mailbox) will be prevented for un-authorized users. Access to the scanning features will be enabled once the user is authenticated by Kerberos.

However, since the username/password provided to utilize the scanning features (i.e. Scan to SMB, Scam to FTP, e-mail, Network Scanning) IS NOT the same username / password used to authenticate with the Kerberos server, tracking each user when accessing the networking features of the device will not be possible.

The following procedure describes how Kerberos works with different scanning functions.

## **Scan to E-Mail:**

- The user selects <Scan to email>
- A login/password popup is displayed requiring the user to provide a username and password to the Kerberos server.
- The user enters the login and password.
- The device passes the login and password to the Kerberos server and if a match is found the user is successfully authenticated.
- “From:” field of the e-mail is automatically populated with the device login name and e-mail address created at the time of the device configuration.
- If SMTP server requires authentication, the device will use the SMTP username/password created at the configuration of the device to send an email to the server.

## **Scan to FTP/SMB:**

- The user selects <Scan to FTP/SMB>
- A login/password popup will be displayed to authenticate users with the Kerberos server.
- The user enters the login and password.
- The login and password is passed on to the Kerberos server and if a match is found the user is successfully authenticated.
- The user needs to enter a valid login and password for the FTP/SMB server. This may or may not be the user’s Kerberos login/password, rather it is a login/password that is accepted by the FTP/SMB server.

## **Network Scanning:**

- The user selects <Network Scanning>
- A login/password popup will be displayed to authenticate users with the Kerberos server.
- User enters the login and password.
- The login and password is passed on to the Kerberos server and if a match is found the user is successfully authenticated.
- Through the templates/repositories, the users will enter a valid login/password for FTP/SMB servers. This may or may not be the user login/password; rather it is a login/password that is accepted by the FTP/SMB server.
- Public templates are accessible to any user. Private templates require a password that may or may not be different from the Kerberos password.

## **Prerequisite**

Complete the Network Installation. Refer to → General Network Setup

Complete DNS/WINS set up if Host names are provided for the mail servers, rather than IP addresses. Refer to → Advanced Network Setup

| <b>Remote Authentication Setup</b>       |  |  |  |
|--|--|--|--|
| <b>Field Name</b>                        | <b>Description</b>   | <b>Location</b>  | <b>Value</b>   |
| Remote Setup login                       | Enable Remote Authentication   | LUI:<br>System Settings → Login setup/Auditron<br>Administration → Remote Login Setup      | Default:<br><br>ON:<br><br>Guest ON:   |
| Remote Server IP Address or Server name. | The IP address or the host name of the Kerberos server.<br><br>Note: If server host name is used instead of the IP address, refer to Advanced Network Setup for DNS / WINS settings. | LUI:<br>System Settings → System Settings →<br>Network Settings → Remote<br>Authentication | _____._____._____._____<br>Ex of the IP address:<br>192.168.1.2<br><br>Ex of the host name:<br>Ex:<name>.<company>.com |

## Remote Authentication Setup

| Field Name                | Description   | Location | Value                         |
|---------------------------|---|----------|-------------------------------|
| Remote Server Port number | This is the Port Number used. Default is 88.          |          |                               |
| Remote Server Realm Name  | Fully qualified domain which Kerberos server supports |          | Ex:<br>Kerberos.<company>.com |

## LDAP Setup

LDAP, Lightweight Directory Access Protocol, is an Internet protocol that email programs use to look up contact information from a server. LDAP-aware client programs can ask LDAP servers to look up entries in a wide variety of ways. LDAP servers index all the data in their entries, and "filters"(ex. Search root entry DN) may be used to select just the person or group you want, and return just the information you want. LDAP servers also provide an "authentication" service so that only authenticated users can access the LDAP server. However, most LDAP servers do not require authentication.

Please refer to Appendix A for some examples on custom fields format as required by different servers.

### Prerequisite

Complete the Network Installation. Refer to → General Network Setup

Complete DNS/WINS set up if a Host name is provided for the LDAP servers, rather than IP addresses. Refer to → Advanced Network Setup

## LDAP Setup

| Field Name                   | Description   | Location  | Value  |
|------------------------------|---|---|--|
| Directory Server (LDAP)      | Enable LDAP   |   |  |
| Primary Server               | The Primary IP address of the LDAP server or server Name. If server name is used, ensure that DNS information is properly populated via Centroware Internet Services.                         | LUI:<br>System Settings → System Settings → E- Mail / Fax Settings → Address Search (Directory Service) | _____._____._____._____<br>Ex: 192.168.1.2<br><b>OR</b><br>Ex:<name>.<company>.com |
| Primary Server Port Number   | Port number of the primary LDAP Server  |   | Ex: Port 389   |
| Secondary Server             | The Secondary IP address of the LDAP server or server Name  |   | _____._____._____._____<br>Ex: 192.168.1.2<br><b>OR</b><br>Kerberos.<company>.com  |
| Secondary Server Port Number | Port number of the primary LDAP Server  |   | Ex: Port 389   |
| Login/password               | Login and password information required connecting to the LDAP server. <i>Note: most LDAP servers don't require authentication, and therefore the login and password is usually optional.</i> |   |  |

## LDAP Setup

| Field Name                                | Description   | Location   | Value   |
|---|---|--|---|
| Search Root entry DN (Distinguished Name) | <p>The format of the naming context will vary depending on the LDAP Server being used.</p> <p>A DN identifies an entry in an LDAP directory. Because directories are hierarchical, DNs identify the entry by its location as a path in a <i>hierarchical tree</i> (much as a path in a file system identifies a file). Generally, a DN begins with a specific common name, and proceeds with increasingly broader areas of identification until the country name is specified.</p> <p>CN=common name,<br/>           [OU=organizational unit,<br/>           O=organization, L=locality,<br/>           ST=state or province], C=country name</p> | <p>LUI:<br/>           System Settings → System Settings<br/>           → E- Mail / Fax Settings →<br/>           Address Search (Directory Service)</p> | <p>Ex for Active Directory Server:<br/> <b>Rodc.Xerox.com</b><br/>           dc=rodc,dc=Xerox, dc=com</p> |

## LDAP Setup

| Field Name                    | Description  | Location  | Value    |
|-------------------------------|--|---|----------|
| Scope of Search               | <p>Search scope determines how far down the directory tree to search. There are three values that can be set for scope: base, which; onelevel, which, and subtree which</p> <p>This field narrows the search criteria as defined by the Search Root entry.</p> <p>Options are:</p> <ul style="list-style-type: none"> <li>• Root Entry Only -- only searches the same level as the DN defined by the base DN setting</li> <li>• One level below Root Entry only -- will search one level below the base and does not include the root entry</li> <li>• All levels below root entry -- searches the base entry and everything below the base</li> </ul> | <p>LUI:<br/>System Settings → System Settings<br/>→ E- Mail / Fax Settings →<br/>Address Search (Directory Service)</p> |          |
| Object class of search target | This is like the Wild card. If one enters a string of characters for search criteria then all names that contain that string will be returned.   |   | Ex:<br>* |
| Server Application            | The choices are<br>Active Directory<br>Netware<br>Other Application (ex. Domino)   |   |          |

## LDAP Setup

| Field Name                       | Description  | Location  | Value   |
|----------------------------------|--|---|---|
| Attribute type of Recipient name | Directory searches are often done by searching for a partial name in the common name (cn) attribute. | LUI:<br>System Settings → System Settings<br>→ E- Mail / Fax Settings →<br>Address Search (Directory Service) | Ex: searching for "Flint"<br>within the cn would turn up<br>this entry.<br><br>Williams Flintson<br>Barb Flintson<br>Wilma Flintson<br>Etc. |
| Attribute type of Last Name      | This is the surname (last name).   |   | Ex:<br>Flintson   |
| Attribute type of First Name     | This is the given name   |   | Ex:<br>Wilma  |
| Attribute type of E Mail Address | Email address  |   | Ex:<br>dino@bedrock.com   |
| Attribute type of Custom Item 1  | These fields can be customized. The type holds the value of the field                                |   | Ex:<br>telephoneNumber  |
| Attribute Name of Custom Item 1  | These fields can be customized. The Name field displays the word                                     |   | Ex:<br>Telephone Number   |
| Attribute type of Custom Item 2  | These fields can be customized. The type holds the value of the field                                |   | Ex:<br>physicalDeliveryOfficeName   |
| Attribute Name of Custom Item 2  | These fields can be customized. The Name field displays the word                                     |   | Ex:<br>Office   |

| <b>LDAP Setup</b>               |   |                 |                   |
|---------------------------------|---|-----------------|-------------------|
| <b>Field Name</b>               | <b>Description</b>  | <b>Location</b> | <b>Value</b>      |
| Attribute type of Custom Item 3 | These fields can be customized. The type holds the value of the field |                 | Ex:<br>department |
| Attribute Name of Custom Item 3 | These fields can be customized. The Name field displays the word      |                 | Ex:<br>Department |
| Maximum search results          | The number of requests that LDAP will return (maximum is 100)         |                 |                   |
| Search time Out                 | The amount of time it waits to get a response from the LDAP server.   |                 |                   |

## **Scan to Email/iFax/Receive Email/Mail Notification Setup**

Email, iFax, and Receive email at the device requires SMTP (for sending mail) and POP3 (receiving mail) to be populated correctly. If host names are entered for the email servers (i.e. SMTP and POP3) then DNS / WINS information need to be populated correctly.

### **Prerequisite**

Complete the Network Installation. Refer to → General Network Setup

Complete DNS/WINS set up if Host names are provided for the mail servers, rather than IP addresses. Refer to → Advanced Network Setup

R : Required

NR : Not Required

## Scan to Email/iFax/Receive Email/Mail Notification Setup

| Field Name                | Description  | Location  | Scan To Email | iFax | Receive Email | Mail Notification | Value |
|---------------------------|--|---|---------------|------|---------------|-------------------|-------|
| Enable "Send Email Port"  | Without enabling this port, Scan to email option will not be made available.   | LUI:<br>System Settings<br>→ System Settings<br>→ Network Settings<br>→ Port Settings   | R             | R    | NR            | R                 |       |
| Enable Receive Email Port | Without enabling this port, Scan to email option will not be made available.   | WUI:<br>Properties → Port Settings<br><br>LUI:<br>System Settings<br>→ System Settings<br>→ Network Settings<br>→ Port Settings | NR            | R    | R             | NR                |       |
| Enable SOAP Port          | SOAP is a simple XML based protocol to let applications exchange information over HTTP.<br>Or more simply: SOAP is a | WUI:<br>Properties → Port Settings  | R             | NR   | NR            | NR                |       |

## Scan to Email/iFax/Receive Email/Mail Notification Setup

| Field Name  | Description  | Location   | Scan To Email | iFax | Receive Email | Mail Notification | Value  |
|---|--|--|---------------|------|---------------|-------------------|--|
|   | protocol for accessing a Web Service   |  |               |      |               |                   |  |
| Administrator Email Address                             | Address used to receive mail notification when device can not connect to the SMTP Server | WUI:<br>Properties →<br>Machine Details  | R             | R    | R             | R                 | Ex:<br>admin@<company>.com                                     |
| Machine Email Address                                   | This is the Email address of the device.   | WUI:<br>Properties →<br>Machine Details<br><br>LUI:<br>System Settings →<br>System Settings →<br>Network Settings →<br>Machine Email Address | R             | R    | R             | R                 | Ex:<br>machine@<company.com                                    |
| SMTP Server Address<br><br><b>OR</b><br><br>SMTP Server | The IP address of the SMTP server.   | WUI:<br>Properties →<br>Protocol Settings →<br>Email   | R             | R    | NR            | R                 | _____._____._____._____<br>Ex – Server Address:<br>192.168.1.2 |

## Scan to Email/iFax/Receive Email/Mail Notification Setup

| Field Name  | Description  | Location  | Scan To Email | iFax | Receive Email | Mail Notification | Value   |
|---|--|---|---------------|------|---------------|-------------------|---|
| Name (it is better to use the fully qualified domain name)  |  | LUI:<br>System Settings<br>→ System Settings →<br>Network Settings →<br>SMTP Settings   |               |      |               |                   | Ex – Server Name:<br>Name.<company>.com   |
| SMTP User Name and Password   | This is the SMTP server authentication. If SMTP server requires authentication, the a login and password is required for the SMTP server | WUI:<br>Properties →<br>Protocol Settings →<br>Email<br><br>LUI:<br>System Settings<br>→ System Settings →<br>Network Settings →<br>SMTP Settings | R             | R    | NR            | R                 |   |
| POP3 Server Address<br><br><b>OR</b><br><br>POP3 Server Name (it is better to use the fully qualified | The IP address of the POP3 server.   | WUI:<br>Properties →<br>Protocol Settings →<br>Email<br><br>LUI:<br>System Settings<br>→ System   | NR            | R    | R             | NR                | _____._____._____._____<br>Ex – Server Address:<br>192.168.1.2<br><br>Ex – Server Name:<br>Name.<company>.com |

## Scan to Email/iFax/Receive Email/Mail Notification Setup

| Field Name                  | Description   | Location   | Scan To Email | iFax | Receive Email | Mail Notification | Value |
|-----------------------------|---|--|---------------|------|---------------|-------------------|-------|
| domain name)                |   | Settings →<br>Network<br>Settings →<br>POP3 Settings   |               |      |               |                   |       |
| POP3 User Name and Password | This is the POP3 server authentication. If POP3 server requires authentication, the a login and password is required for the POP3server | WUI:<br>Properties →<br>Protocol<br>Settings →<br>Email<br><br>LUI:<br>System Settings<br>→ System<br>Settings →<br>Network<br>Settings →<br>POP3 Settings | NR            | R    | R             | NR                |       |

## Scan to Email/iFax/Receive Email/Mail Notification Setup

| Field Name | Description   | Location   | Scan To Email                              | iFax | Receive Email | Mail Notification | Value |
|------------|---|--|--|------|---------------|-------------------|-------|
| LDAP       | Remote Address Book directory server supports Windows 2000 Active Directory, Exchange Server 2000, and Exchange Server 2003 and Novel Netware 5 | WUI:<br>Properties → Protocol Settings → LDAP<br><br>LUI:<br>System Settings → System Settings → Network Settings → Email Settings | Should be set if Global search is required |      | NR            | NR                |       |

## Scan to FTP/SMB Setup

Files can be scanned on the M123/M128 device and routed on to a server or a client using FTP or SMB protocol. Directory structures (repositories) need to be created on the server to hold the scanned documents. It is assumed that an FTP server/client or an SMB server/client exists and is configured on the network.

### Prerequisite

Complete the Network Installation. Refer to → General Network Setup

Complete DNS/WINS set up if Host names are provided for the mail servers, rather than IP addresses. Refer to → Advanced Network Setup

| Scan to FTP/SMB Setup    |   |  |             |             |       |
|--------------------------|---|--|-------------|-------------|-------|
| Field Name               | Description   | Location   | Scan To FTP | Scan To SMB | Value |
| Enable “TCP/IP” Port”    | Port by which TCP/IP client communicates with the TCP/IP server | WUI:<br>Properties → Port Settings<br><br>LUI:<br>System Settings → System Settings → Network Settings → Port Settings | R           | R           |       |
| Enable “FTP Client” Port | Port by which FTP client communicates to the FTP server         | WUI:<br>Properties → Port Settings<br><br>LUI:<br>System Settings → System Settings → Network Settings → Port Settings | R           | NR          |       |
| Enable “SMB Port”        | Port by which SMB client communicates to the SMB server         | WUI:<br>Properties → Port Settings<br><br>LUI:   | NR          | R           |       |

| <b>Scan to FTP/SMB Setup</b> |  |  |                    |                    |              |
|------------------------------|--|--|--------------------|--------------------|--------------|
| <b>Field Name</b>            | <b>Description</b>   | <b>Location</b>  | <b>Scan To FTP</b> | <b>Scan To SMB</b> | <b>Value</b> |
|                              |  | System Settings → System Settings → Network Settings → Port Settings   |                    |                    |              |
| Enable “SNMP” Port.          | Simple Network Management Protocol   | WUI:<br>Properties → Port Settings<br><br>LUI:<br>System Settings → System Settings → Network Settings → Port Settings | R                  | R                  |              |
| Enable “SOAP” Port           | SOAP is a simple XML based protocol to let applications exchange information over HTTP. Or more simply: SOAP is a protocol for accessing a Web Service | WUI:<br>Properties → Port Settings<br><br>LUI:<br>System Settings → System Settings → Network Settings → Port Settings | R                  | R                  |              |
| FTP login and User name      | Login and password required by the FTP server for Authentication.  | LUI:<br>All Services → Scan to FTP   | R                  | NR                 |              |
| SMB Login and User Name      | Login and password required by the SMB server for Authentication.  | LUI:<br>All Services → Scan to FTP   | NR                 | R                  |              |
| Repositories                 | A folder containing the Scanned images.  | WUI:<br>Services → Job Templates → Display Job Templates Screen → File Repository Setup                                | R                  | R                  |              |

## Network Scanning Setup

Files can be scanned on the M123/M128 device and routed on to a server using FTP or SMB protocol. Directory structures (repositories) need to be created on the server to hold the scanned documents. Templates have to be created on the device. The information in the templates will be used to specify the transfer protocol (FTP/SMB) as well as the attributes of the scanned document.

### **Prerequisite**

Complete the Network Installation. Refer to → General Network Setup.

Complete DNS/WINS set up if Host names are provided for the mail servers, rather than IP addresses. Refer to → Advanced Network Setup

Complete Scan To FTP/SMB depending on the type of the protocol that is used by network environment. Refer to → Scan To FTP/SMB

Templates and repositories must be created through CentreWare Internet Services (refer to User Guide) or CentreWare Scanning Services.

R: Required

O: Optional

| <b>Network Scanning Setup</b> |   |  |                         |              |
|-------------------------------|---|--|-------------------------|--------------|
| <b>Field Name</b>             | <b>Description</b>  | <b>Location</b>  | <b>Network Scanning</b> | <b>Value</b> |
| Templates                     | Templates define the attributes for a particular job, as well as the destination(s) of the scanned document. Templates can be created using Centerware Internet Services, or Centerware Network Scanning. | LUI:<br>Services → Job Templates<br>→ Display Job Templates<br>Screen → Template                 | R                       |              |
| Repositories                  | A folder containing the Scanned images.   | LUI:<br>Services → Job Templates<br>→ Display Job Templates<br>Screen → File Repository<br>Setup | R                       |              |
| Centerware Network Scanning   | Can be used to create templates   | Must be installed via CD ROM   | O                       |              |

# Scan to Mailbox

This feature will allow documents to be stored in to a mailbox for future processing. Internet Services and scan driver utility can be used to create, view, and print documents stored in a mailbox.

**Prerequisite**

Complete the Network Installation. Refer to → General Network Setup.

| <b>Scan to Mailbox</b>       |  |   |                        |              |
|------------------------------|--|---|------------------------|--------------|
| <b>Field Name</b>            | <b>Description</b>   | <b>Location</b>   | <b>Scan To Mailbox</b> | <b>Value</b> |
| Enable “Salutation” Port     | This port is used for discovering and polling of scanners  | LUI:<br>System Settings → System Settings → Network Settings → Port Settings  | R                      |              |
| Enable “HTTP” Port           |  | WUI:<br>Protocols → Port Settings<br><br>LUI:<br>System Settings → System Settings → Network Settings → Port Settings | R                      |              |
| Scan Driver Utility          | The Utility that will be installed on the client and allows users to view/print the scanned documents within a mailbox | Must be installed via CD ROM  | O                      |              |
| Centerware Internet Services | Allows users to view/print the scanned documents within a mailbox  | Using a browser, enter the Machines IP address.   | O                      |              |
| Mailboxes must be created.   | Mailboxes need to be created via UI or Internet  | LUI:<br>All Services → Setup Menu →   | R                      |              |

## Scan to Mailbox

| Field Name | Description | Location   | Scan To Mailbox | Value |
|------------|-------------|--|-----------------|-------|
|            | Services    | Mailbox<br><br>LUI:<br>System Settings → Setup Menu →<br>Mailbox |                 |       |

# Appendix A

## Examples of Configuring the LDAP Fields on different Servers

This section provides an example of how different LDAP fields can be configured on different servers. Please note that this section does not describe every LDAP field supported by M123/128 device.

### [Choosing the type of LDAP Server](#)

The SA/KO shall be allowed to choose the type of LDAP server that is being used via the Remote UI from:

- Exchange
- Domino
- Netscape Directory Services
- ADS LDAP
- NetWare LDAP

Based on this selection, the user shall be presented with a default mapping of the device display item to the corresponding LDAP field as follows:

### [NetWare LDAP Default Mapping](#)

| <b>Display Item</b> | <b>Default LDAP Mapping</b> |
|---------------------|-----------------------------|
| Name                | fullName                    |
| Email Address       | mail                        |
| IFax Address        |                             |
| Business Phone      | telephoneNumber             |
| Business Address    | postalAddress               |
| Office              | physicalDeliveryOfficeName  |
| City                | l                           |
| State               | st                          |
| zip code            | postal code                 |
| country             | co (no entry in client)     |
| UID                 | uid                         |

[Domino Default Mapping](#)

| <b>Display Item</b> | <b>Default LDAP Mapping</b> |
|---------------------|-----------------------------|
| Name                | cn                          |
| Email Address       | mail                        |
| IFax Address        |                             |
| Business Phone      | telephonenumber             |
| Business Address    | postaladdress               |
| Office              | officestreetaddress         |
| City                | l                           |
| State               | st                          |
| zip code            | postalcode                  |
| country             | co                          |
| UID                 | shortname                   |

[Exchange Default Mapping](#)

| <b>Display Item</b> | <b>Default LDAP Mapping</b> |
|---------------------|-----------------------------|
| Name                | cn                          |
| Email Address       | mail                        |
| IFax Address        |                             |
| Business Phone      | telephoneNumber             |
| Business Address    | postalAddress               |
| Office              | physicalDeliveryOfficeName  |
| City                | l                           |
| State               | st                          |
| zip code            | postalCode                  |
| country             | co                          |
| UID                 | uid                         |

[ADS Default Mapping](#)

| <b>Display Item</b> | <b>Default LDAP Mapping</b> |
|---------------------|-----------------------------|
| Name                | cn                          |

| <b>Display Item</b> | <b>Default LDAP Mapping</b> |
|---------------------|-----------------------------|
| Email Address       | mail                        |
| IFax Address        |                             |
| Business Phone      | telephoneNumber             |
| Business Address    | postalAddress               |
| Office              | physicalDeliveryOfficeName  |
| City                | l                           |
| State               | st                          |
| zip code            | postalCode                  |
| country             | co                          |
| UID                 | SAMAccountName              |

[Netscape Default Mapping](#)

| <b>Display Item</b> | <b>Default LDAP Mapping</b> |
|---------------------|-----------------------------|
| Name                | cn                          |
| Email Address       | mail                        |
| IFax Address        |                             |
| Business Phone      | telephonenumber             |
| Business Address    | postalAddress               |
| Office              | physicalDeliveryOfficeName  |
| City                | l                           |
| State               | st                          |
| zip code            | postalCode                  |
| country             | co                          |
| UID                 | uid                         |