

# AXIS 700 Fax Server Integration

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## Introduction

This document describes how to integrate your AXIS 700 with fax servers. It contains the following information:

- Faxination (Require AXIS 700 software 1.00 or higher)
- FACsys (Require AXIS 700 software 1.11 or higher)
- RightFAX (Require AXIS 700 software 1.11 or higher)
- TPC.INT Remote Printing Service (Require AXIS 700 software 1.11 or higher)

Any comments or suggestions regarding this document can be sent to [products@axis.com](mailto:products@axis.com)

Axis Communications AB (<http://www.axis.com/>)

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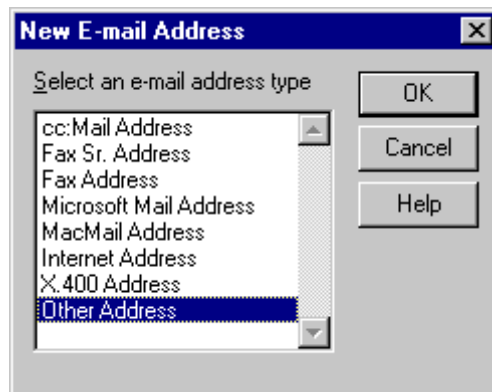
## Faxination

### Configuring MS Exchange for Scan-to-Fax

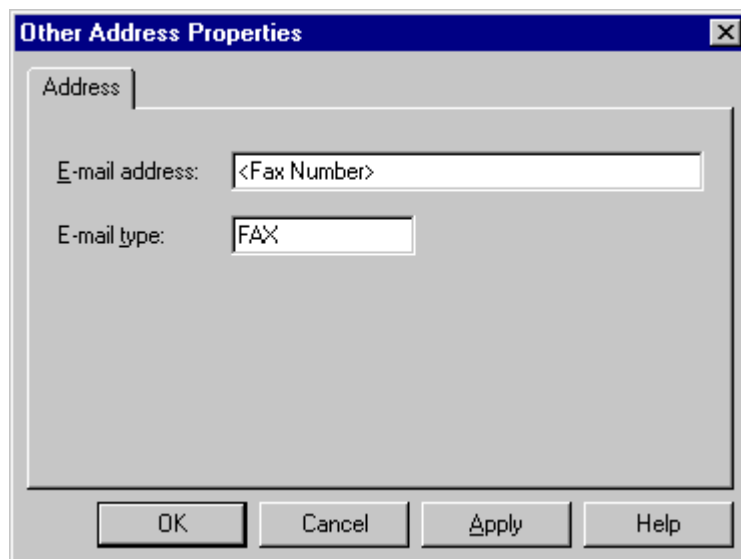
Make sure that your Faxination fax server is installed and running.

To configure your Exchange server to Scan-to-Fax from your AXIS 700:

1. Run the Microsoft Administrator in the Exchange server.
2. In Site | Recipients select **New Custom Recipient**. The **New E-mail Address** dialog is displayed.



3. Select **Other Address** and click **OK**. The **Other Address Properties** dialog will be displayed.



4. In the **E-mail address** field, enter the recipient's fax number.
5. In the **E-mail type** field, enter the string "FAX".
6. Click **OK**. The **Properties** window is displayed.

7. In the **Name** fields, enter the name of the recipient. Optionally, complete the remaining fields.
8. Click OK to save the new fax recipient.  
To add more recipients repeat step 2-8.

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**Note:** The recipient will be stored in the Global Address Book. This is necessary for Scan-to-Fax to work. It will **not** work if the recipient is stored in your local address book.

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## Configuring Your AXIS 700 for Scan-to-Fax

Add the new fax recipients to your AXIS 700's destination list. If you are using LDAP to retrieve destinations, the fax destinations will be included automatically. See *AXIS 700 Additional Installation Notes* for instructions on how to do this.

Enter the e-mail address into the AXIS 700 destination list: *name@domain.com*, where *name* is the same name you entered into the **Name** fields.

**Example:** In the figure above, the name entered in the **Name** fields is *AxisAB* and the name of the Exchange server is *SBS01*. It resides in the *axis.se* domain. The e-mail address would be *AxisAB@SBS01.axis.se*.

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## FACsys

### SMTP Gateway

With the release of FACsys Fax Messaging Gateway v4.1 service pack 4 (SP4), or higher, users of SMTP/POP3 mail systems are able to seamlessly send and receive fax messages via their electronic mail using the FACsys SMTP/POP3 e-mail gateway.

By installing and configuring the SMTP/POP3 gateway in FACsys you can send fax messages from your AXIS 700.

Before you install and configure the SMTP/POP3 gateway in FACsys, you must identify the address of the server(s) that service your SMTP/POP3 e-mail requests. The SMTP/POP3 mail service may be located on a server maintained by your organization, in which case you are responsible for installing and configuring the SMTP/POP3 compliant e-mail application software. Alternatively, the SMTP/POP3 service may be provided by an Internet Service Provider (ISP), in which case you must obtain the SMTP/POP3 server address from the ISP.

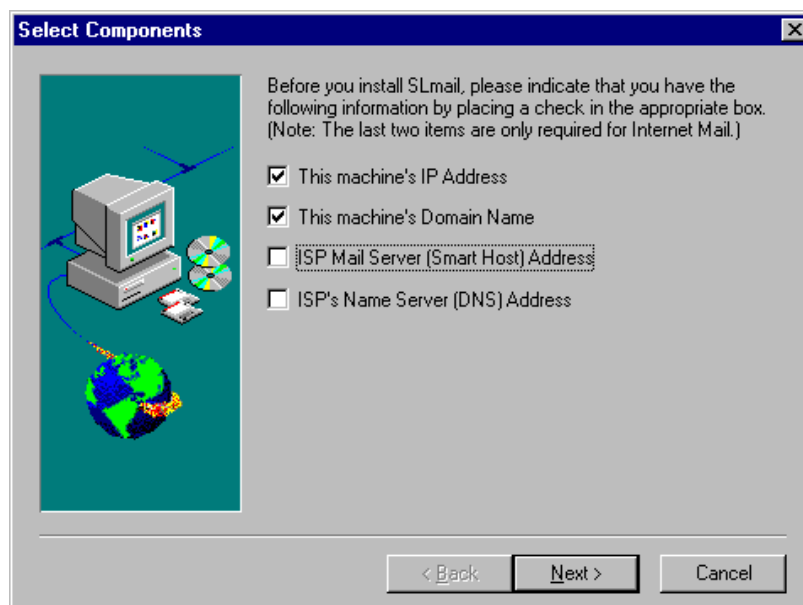
In this section we describe configuring a local mail server (SLMailFW version 2.2 Freeware).

### SLMailFW

If you have an SMTP compatible mail server (a native SMTP server or a later version of Microsoft Exchange, Novell GroupWise, IBM/Lotus cc:Mail or Notes, etc.) installed on your system you may skip this section.

To install SLMailFW (Seattle Lab Internet Mail Server freeware version 2.2) follow the steps below:

1. Run the file *slmfw22.exe* under the *\mail* directory on the Demo CD.
2. Follow the instructions as they appear on the screen. When the dialog box below is displayed check **This machine's IP Address** and **This machine's Domain Name** check boxes to configure for a local mail server.

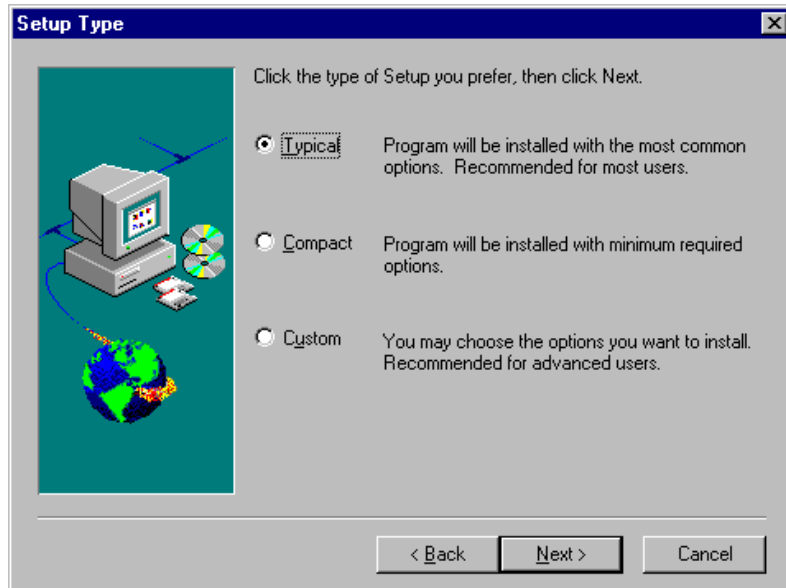


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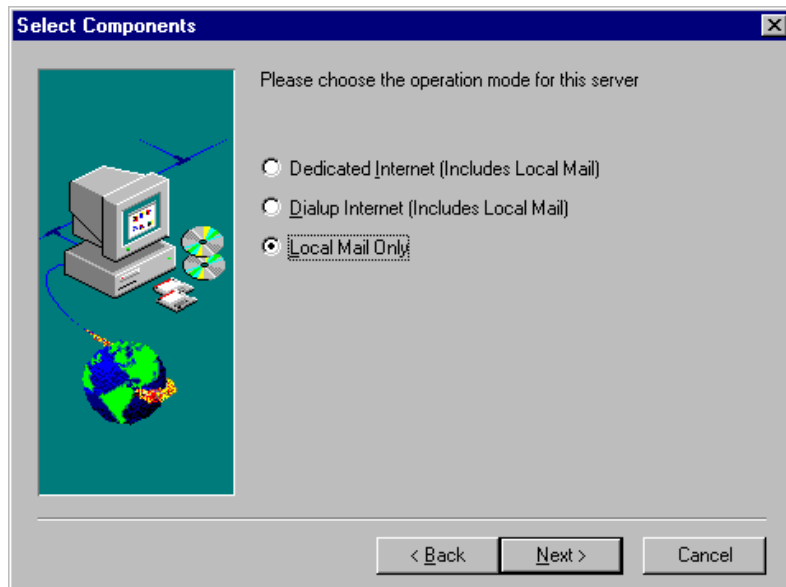
**Note:** When the question: *“Do you wish SLMail to send and receive mail via the Internet?”* is displayed, select **No**.

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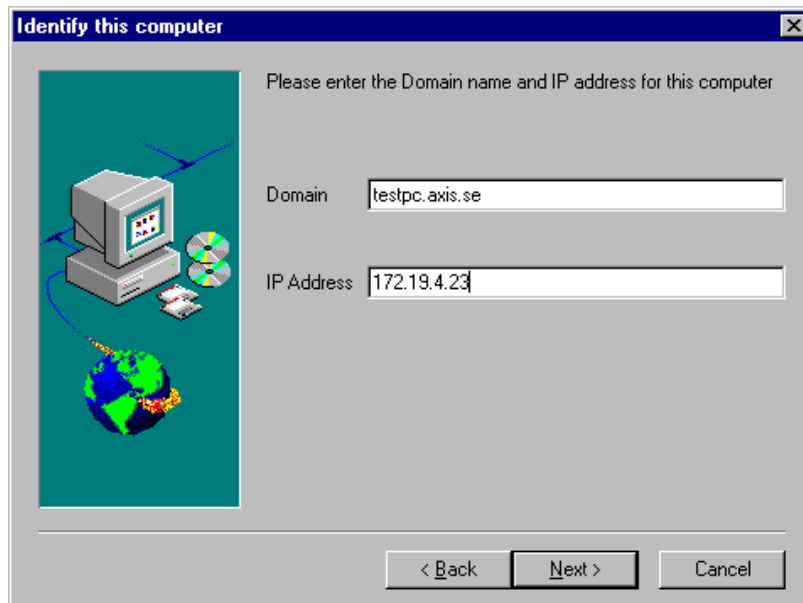
3. Click **Next** and enter your name, e-mail address and phone number in the next dialog box. Click **Next** when you are asked for Destination Directory to accept the default value or define a directory you want to install the Mail Server software in.
4. Select **Typical** for setup type and click **Next**.



5. Follow the instructions and when the dialog box below is displayed, select **Local Mail Only** if you do not intend to connect to any other Internet Mail Server, click **Next** to continue.



6. In the next dialog box enter your domain name and IP-address:

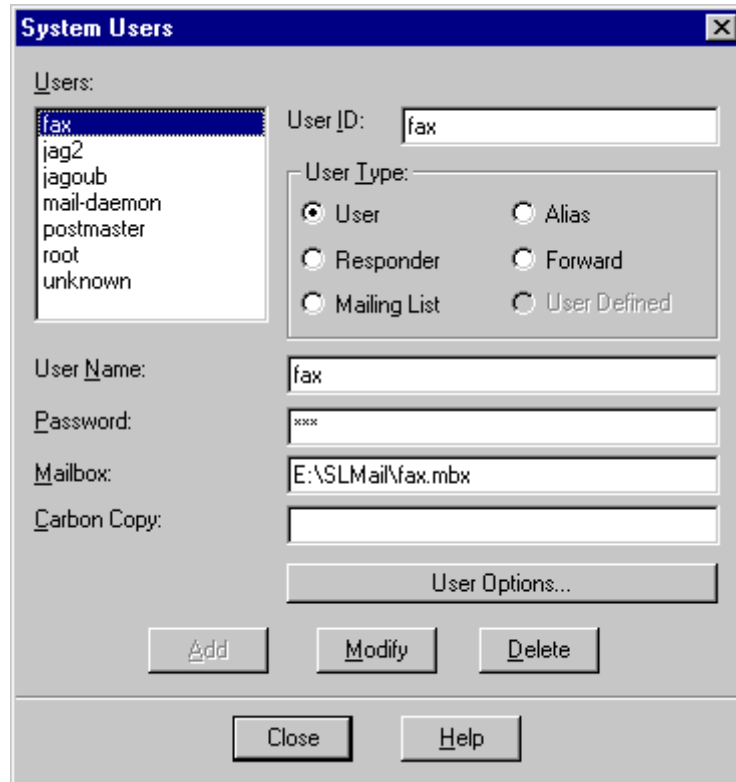


7. Keep following the instructions until the installation is complete.

## Creating Fax Account

To create a FAX account in the mail server do the following:

1. Start the mail server by double clicking the SL icon in Windows toolbar menu.
2. When SLMailFW system window is displayed, select **Users** from the **Configuration's** menu.
3. Add the user "*fax*" to the system.



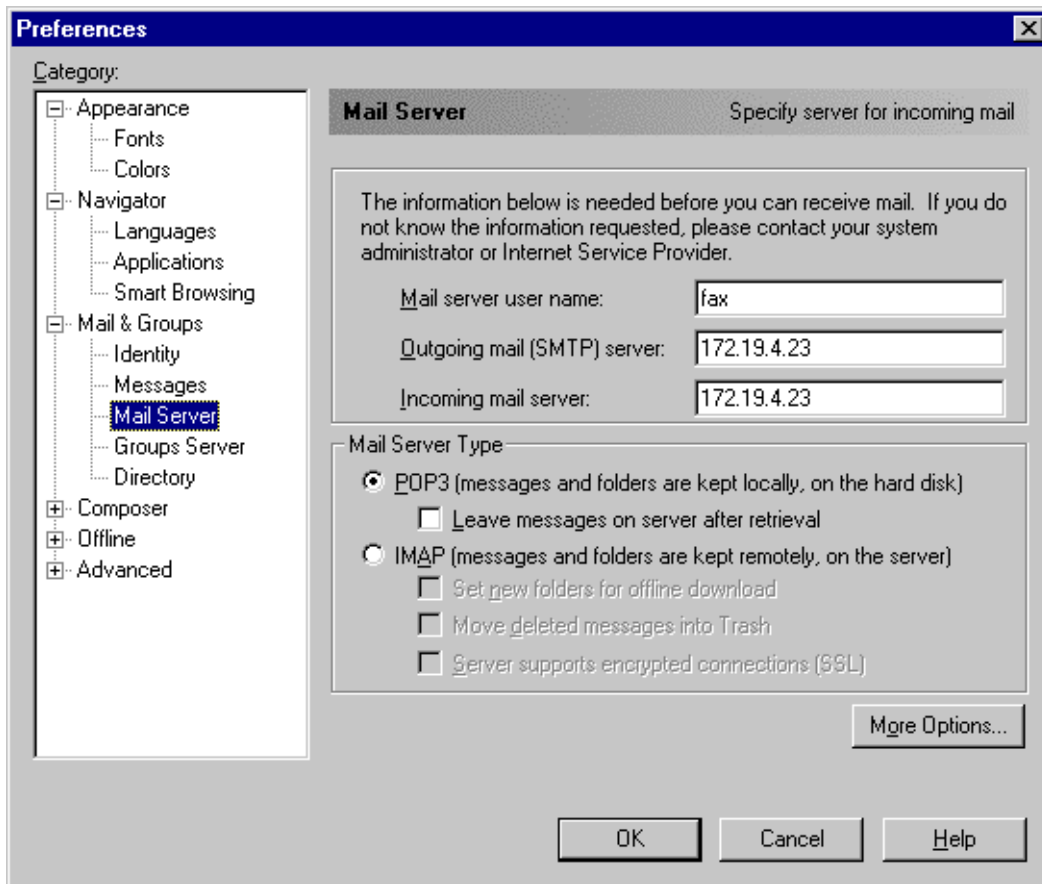
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**Note:** The steps 1 to 3 may differ if you have another SMTP/POP3 mail server.

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4. Configure your mail client for the Mail Server you have just installed. If you use Netscape Messenger, the configuration can look as shown below:



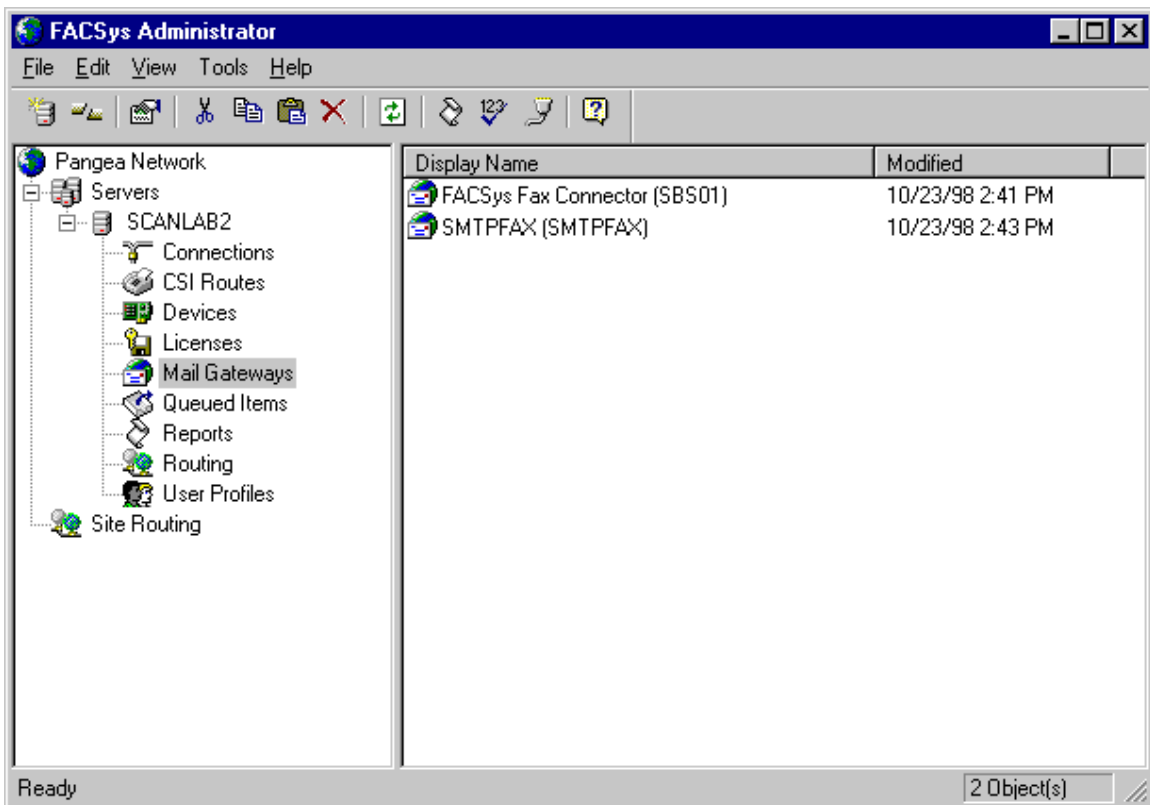


5. Finally, configure your AXIS 700 for this Mail Server and define e-mail destinations for the users you have added to the mail server. See *AXIS 700 Additional Installation Notes* for instructions on how to do this.

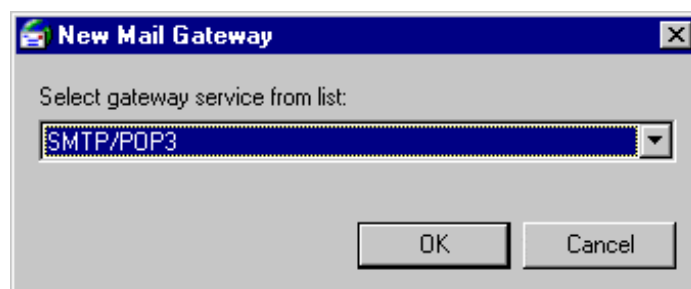
## Configuring SMTP Gateway in the FACsys

After you have installed and configured your FACsys fax server, create an SMTP Gateway:

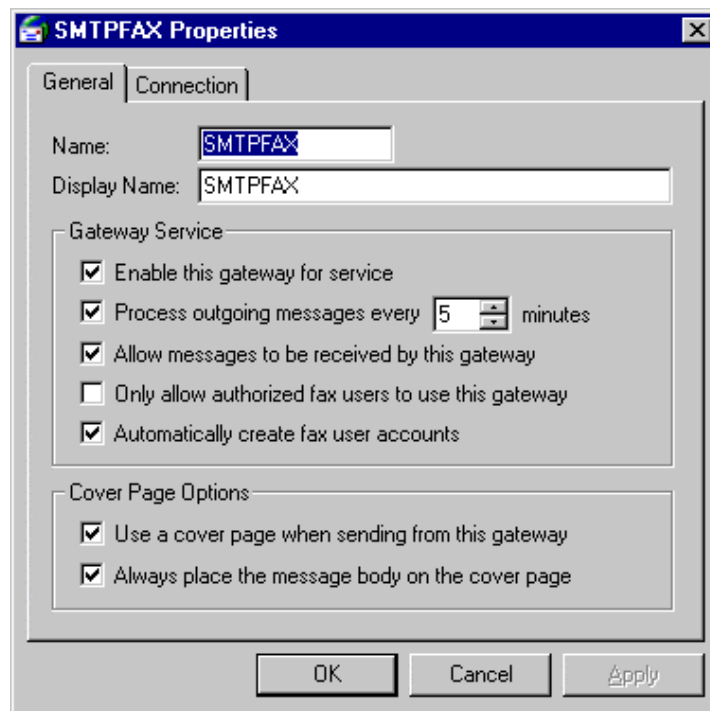
1. Run the FACsys Administrator.
2. Right click on the Mail Gateways and select New Mail Gateway...



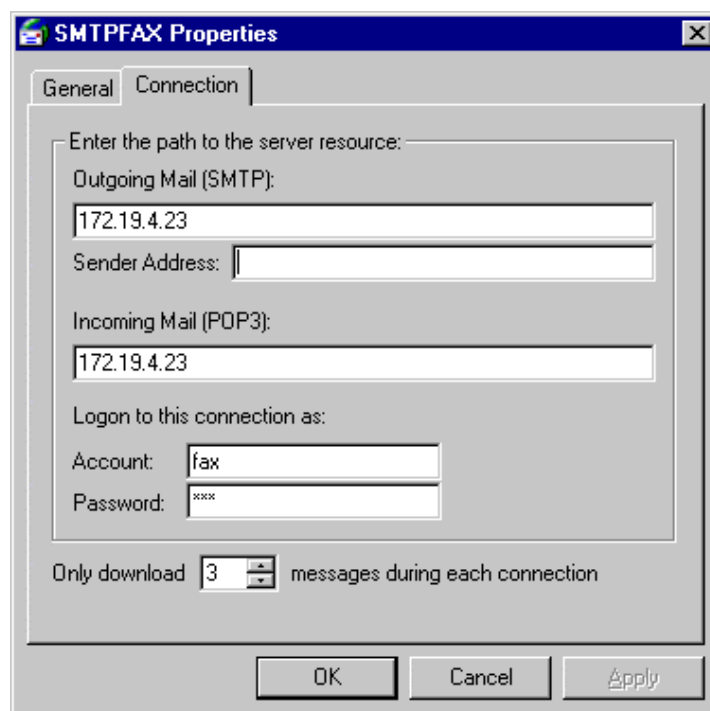
3. Select SMPT/POP3 from the pull-down menu then click OK.



4. Complete the Name and Display Name fields.



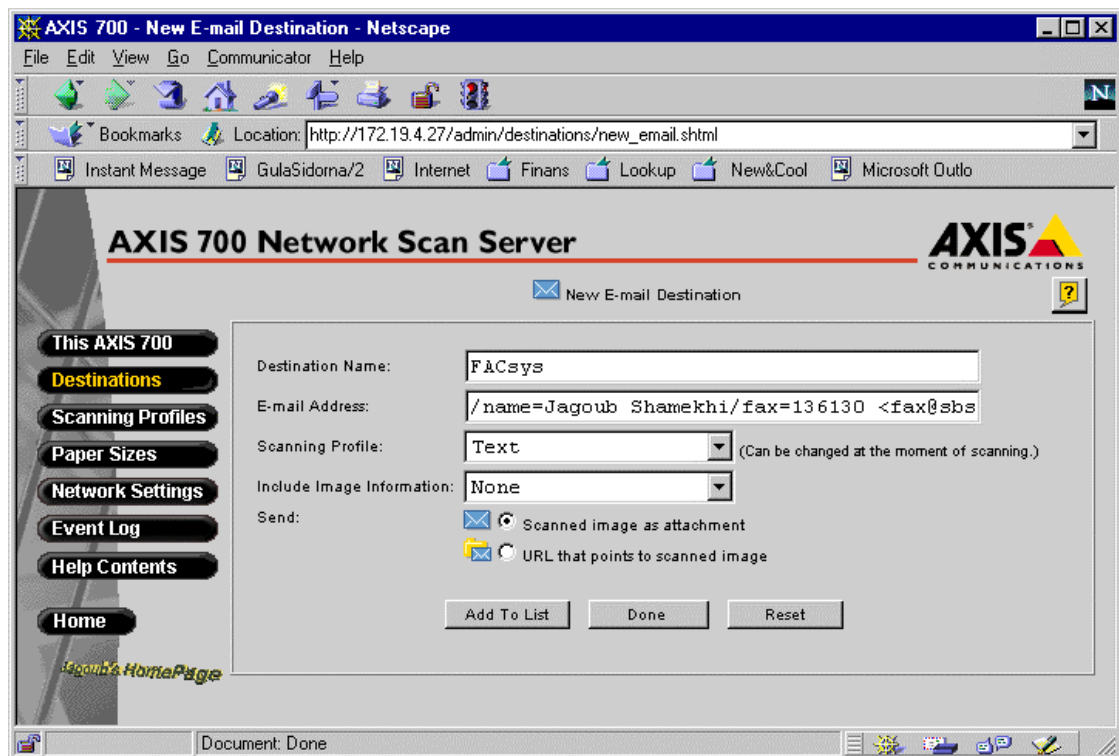
5. Check the **Enable this Gateway for service** check box and other check boxes as you wish.
6. Click on **Connection** tab. Enter the IP address of your mail server for Outgoing and Incoming Mail, an Account name and password. Select the number of messages to be downloaded during each connection and click **OK**.



## Defining FACsys Destinations

Follow these steps to define fax destination in the AXIS 700:

1. Start your Web browser.
2. Enter the name or IP address of the AXIS 700 on the Location/Address line. The AXIS 700 Home Page is displayed.
3. Click the **Administration** button in the menu on the left side.
4. Enter the user name and password to get access to the **This AXIS 700** page. The default user name is *root* and the default password is *pass*.
5. Click the **Destinations** button in the Administration menu. The **Destination** page is displayed.
6. Click the **New E-mail Destination** button. The **New E-mail Destination** page is displayed.



7. Complete the New E-mail Destination Page:

### Destination Name Field

Enter the name that will identify the new destination in this field. The name will appear in the destination list on the front panel display.

### E-mail Address Field

Enter the recipient's Fax address in this field as following syntax:

/name=Recipient's Name/fax=Recipient's Fax number <fax@domain.com>

**An example:**

/name=John Smith/fax=1800555555 <Fax1@testcompany.com>

For full syntax, please see the FACsys documentation.

### Scanning Profile

Select the required scanning profile for the destination from the Scanning Profile list. If you select <Default-XXX>, where XXX is the name of the current profile, the profile currently set as default will be used. See the **Destinations Defaults** page. **Example:** <Default-Text> means that the current default profile is Text. This profile will be used by all destinations that have the default profile selected. If the default is changed to Color then the profile Color will be used by all destinations that have the default profile selected.

For fax we recommend the **Text** profile.

### Include Image Information

From this list you can select the amount of information you want to send with the scanned image.

Select **None** to omit information completely.

8. Save the new destination by clicking **Add to List** and then **Done**.

You can now send fax via your AXIS 700. Place the document in the scanner and select the Fax destination you created via AXIS 700 Control Panel. Press **Send**.

## RightFAX

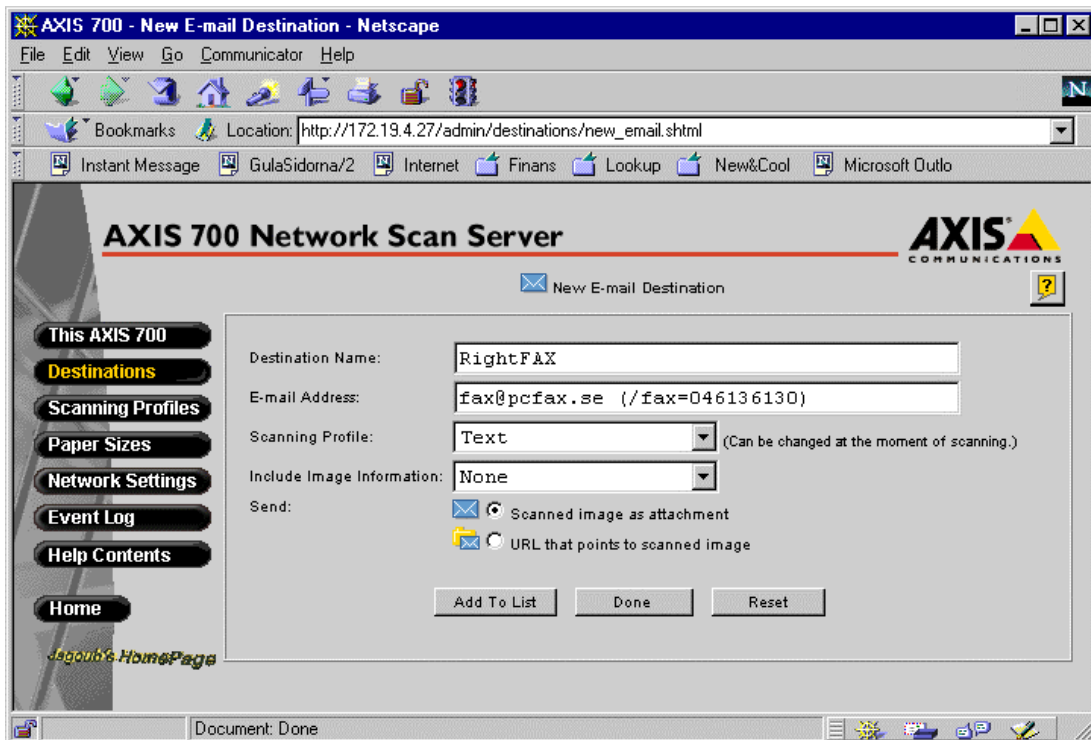
RightFAX allows users, wherever they are, the possibility to manage their faxes if they are "connected" to RightFAX via a local area network, the company's e-mail system, the Internet or Intranet.

You can use your AXIS 700 to scan directly to a fax machine via RightFAX.

## Defining RightFAX Destinations

Follow these steps to define a fax destination in the AXIS 700:

1. Start your Web browser.
2. Enter the name or IP address of the AXIS 700 on the Location/Address line. The AXIS 700 Home Page is displayed.
3. Click the **Administration** button in the menu on the left side.
4. Enter the user name and password to get access to the **This AXIS 700** page. The default user name is *root* and the default password is *pass*.
5. Click the **Destinations** button in the Administration menu. The **Destination** page is displayed.
6. Click the **New E-mail Destination** button. The **New E-mail Destination** page is displayed.



7. Complete the New E-mail Destination Page:

### Destination Name Field

Enter the name that will identify the new destination in this field. The name will appear in the destination list on the front panel display.

### E-mail Address Field

Enter the recipient's Fax address in this field as following syntax:

fax@domain.com (/fax=Fax Number)

or

/fax=Fax Number/ <fax@domain.com>

Where <fax@domain.com> is the RightFAX Server and the Fax Number is your recipient's fax number including area code.

**An example:**

Fax1@testcompany.com (/fax=1800555555)

Or

/fax=1800555555/ <Fax1@testcompany.com>

For full syntax, please see the RightFAX documentation.

### Scanning Profile

Select the required scanning profile for the destination from the Scanning Profile list. If you select <Default-XXX>, where XXX is the name of the current profile, the profile currently set as default will be used. See the **Destinations Defaults** page. **Example:** <Default-Text> means that the current default profile is Text. This profile will be used by all destinations that have the default profile selected. If the default is changed to Color then the profile Color will be used by all destinations that have the default profile selected.

For fax we recommend the **Text** profile.

### Include Image Information

From this list you can select the amount of information you want to send with the scanned image.

Select **None** to omit information completely.

8. Save the new destination by clicking **Add to List** and then **Done**.

## TPC.INT

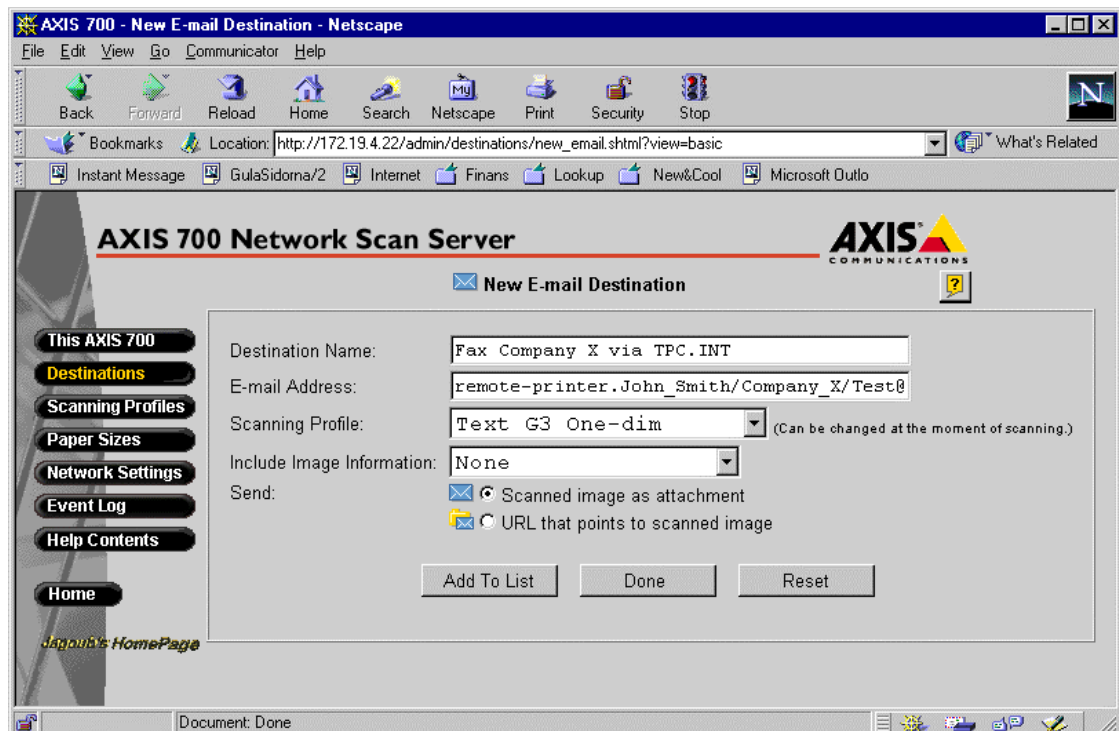
The TPC.INT service (The Phone Company's Remote Printing Service) is a collection of FAX servers you may use to send a fax to many locations around the world.

You can use your AXIS 700 to scan directly to a fax machine via TPC.INT service.

### Defining TPC.INT Destinations

Follow these steps to define a fax destination in the AXIS 700:

1. Start your Web browser.
2. Enter the name or IP address of the AXIS 700 on the Location/Address line. The AXIS 700 Home Page is displayed.
3. Click the **Administration** button in the menu on the left side.
4. Enter the user name and password to get access to the **This AXIS 700** page. The default user name is *root* and the default password is *pass*.
5. Click the **Destinations** button in the Administration menu. The **Destination** page is displayed.
6. Click the **New E-mail Destination** button. The **New E-mail Destination** page is displayed.



7. Complete the New E-mail Destination Page:



### Destination Name Field

Enter the name that will identify the new destination in this field. The name will appear in the destination list on the front panel display.

### E-mail Address Field

Enter the recipient's Fax address in this field as following syntax:

Remote-printer.Recipient\_Name/Company/Division@Fax\_number.iddd.tpc.int

#### Recipient\_Name

- Use the name of the recipient you wish to have on the cover sheet.
- The character '\_' is converted to a space.
- The character '/' is converted to start a new line (you can have multiple lines separated by '/').

#### Fax\_number

- Do not use long distance and international access codes.
- Begin with country code (1=USA, 44=UK, etc.), please refer to the site below for a coverage list: [http://www.tpc.int/fax\\_cover\\_auto.html](http://www.tpc.int/fax_cover_auto.html).
- Strip out punctuation characters.
- Maximum number of digits is 15.

#### An example:

Remote-printer.John\_Smith/Company\_X/Test@1800555555.iddd.tpc.int

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**Note:** Before you send a fax verify the number is covered by one of the TPC cells. And also check that remote printer servers support, at a minimum, the following MIME content types:

- text/plain
  - message/rfc822
  - application/postscript
  - image/tiff
  - multipart
- 

For full syntax and more information please refer to the TPC FAQ at:

<http://www.tpc.int/faq/index.html>

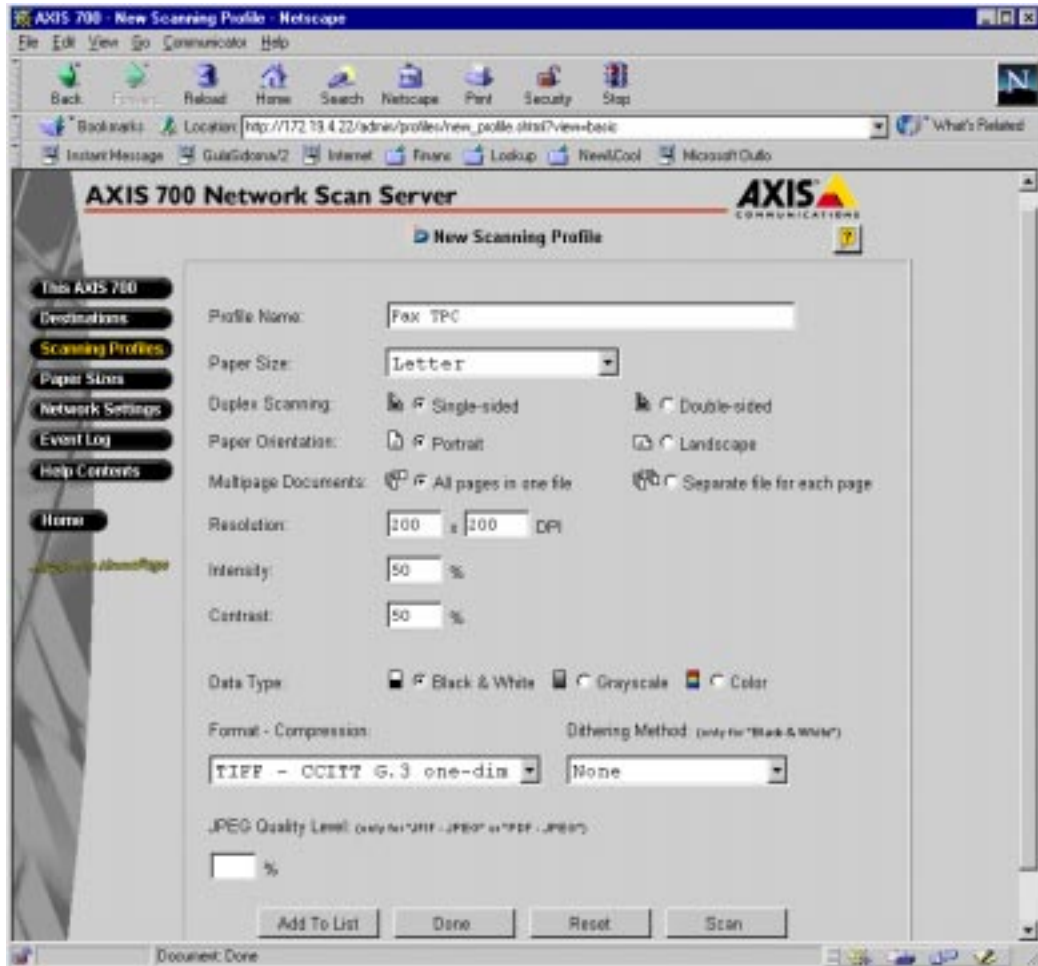
### Scanning Profile

For TPC.INT we recommend that you make a special profile with the following parameters:

- Resolution: 200x200
- Data Type: Black & White
- Format-Compression: TIFF – CCITT G3 one-dim.
- Paper Size: Letter

## Include Image Information

Select **None** to omit information completely.



8. Save the new destination by clicking **Add to List** and then **Done**.