



CHAPTER 5

Configuring Fax Services

The ATA 187 provides two modes of fax services that are capable of internetworking with Cisco IOS gateways over IP networks. These modes are called *fax pass-through mode* and *T.38 fax relay mode*.

With *fax pass-through mode*, the ATA 187 encodes fax traffic within the G.711 voice codec and passes it through the Voice Over IP (VoIP) network as though the fax were a voice call.

With *T.38 fax relay mode*, the ATA 187 supports the transmission of faxes, in real time, between two standard fax terminals communicating over SIP networks. T.38 fax relay mode provides a more reliable and error-free method of sending faxes over an IP network

Using Fax Mode

You can choose the preferred fax mode on the phone configuration page of the Unified CM administration page. From the fax mode pull-down window, choose one of the following modes:

- Fax pass-through
- T.38 fax relay

You can set the Fax Error correction mode override values. From the fax mode pull-down window, choose one of the following modes:

- On
- Off
- Default

You can also set the maximum fax rate values from the phone configuration menu by choosing one of the values on the pull-down window.



Note

When the fax mode is T.38 fax relay, Message Transfer Part (MTP) cannot be enabled.

Fax Modem Standards



Note

V.34 is supported for modem only, not for fax.

The ATA 187 supports the following fax modem standards:

- ITU-T V.34
- ITU-T V.34 Annex 12
- K56flex
- V.21
- V.22
- V.23
- V.32
- V.32bis
- V.44
- V.90
- V.92

Fax Modem Speeds

The ATA 187 supports the following fax modem speeds:

- 14.4 kb/s
- 12 kb/s
- 9.6 kb/s
- 7.2 kb/s
- 4.8 kb/s
- 2.4 kb/s