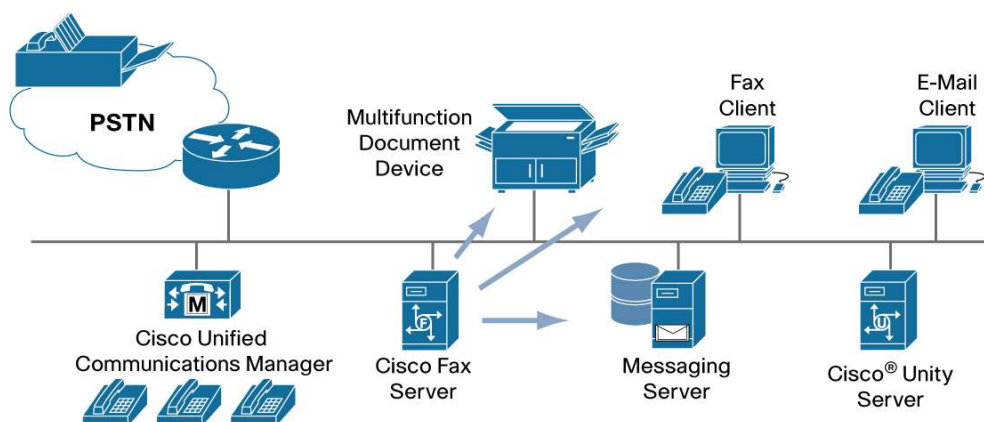# Cisco Fax Server

Product Overview

The Cisco® Fax Server is an easy-to-use, easy-to-manage fax and electronic document-delivery solution that helps enterprises integrate voice, fax, data, and desktop applications for powerful IP communications (Figure 1). Companies using the Cisco Fax Server can efficiently and securely send and receive documents through fax, email messages, print devices, or the Internet. The Cisco Fax Server:

- Increases employee productivity by automating fax delivery of user-created documents
- Reduces costs by eliminating manual faxing, paper, phone lines, and fax machines
- Improves customer service by providing secure, confirmed, and immediate document delivery

Figure 1.   Example Deployment Scenario

Cisco Fax Server 9.4 Business Server

The Cisco Fax Server 9.4 Business Server is designed for companies that need a low-cost standalone fax server. It allows for configurable fax workflow options, including routing, automatic printing, scheduling, priorities, smart resume, and more.

You can add modules to the business server for expanded functions, including Microsoft Exchange and IBM Lotus Notes integrations, web access, XML generation, and PDF modules. A single-channel license is included with all business server orders and is expandable to 30 channels with unlimited user licenses.

Cisco Fax Server 9.4 Enterprise Suite

The Cisco Fax Server 9.4 Enterprise Suite is designed for companies that want to combine multiple fax servers. The suite is a robust document-delivery solution that allows companies to electronically send and receive documents from virtually any business application securely through fax or email messages, or over the Internet. Certified for Windows 2003 Standard and Enterprise Server, the Cisco Fax Server helps ensure application reliability, continuity in the user interface experience, and ease of installation and administration. The enterprise suite includes modules for IBM Lotus Notes and Microsoft Exchange, PDF, Simple Network Management Protocol (SNMP), and RightFax SecureDocs encrypted and certified delivery. A single channel license is included and is expandable to add capacity with unlimited user licenses.

Features and Benefits

The Cisco Fax Server allows organizations to reduce costs, save time, and improve productivity by enabling users to send, receive, and manage documents directly from desktop, email, and other business applications. Based on the Captaris RightFax Enterprise Suite and Business Server, the Cisco Fax Server can be coupled with enterprise messaging applications such as Cisco Unity® or Cisco Unity Connection 7.0 software to create a powerful unified messaging solution. When used with Cisco Unity or Cisco Unity Connection messaging software, the Cisco Fax Server further increases worker productivity by allowing you to view, create, and manage all voicemail, email, and fax communications from a single client that you can access from PCs, telephones, and mobile devices.

Optional features with Cisco Fax Server 9.4 follow:

- Shared services module for Cisco Fax Server Enterprise Suite: The Shared Services Module allows for up to a maximum of four Cisco Fax Server 9.4 Enterprise Suites to share a single database and services, offering significant improvements in user administration, load balancing, data redundancy, and support for disaster-recovery scenarios.
- Integrations module for Cisco Fax Server Enterprise Module: The Cisco Fax Server Integrations Module contains a variety of extended application programming interfaces (APIs) and integration toolsets for integration into custom applications or into back-end systems not supporting XML integration.
- Cisco Fax Server XML Generator Module: This module is a specialized adapter for exporting received faxes as XML data packages that contain fax metadata in XML format that accompany fax images.
- Connector for SAP R/3 for the Cisco Fax Server Enterprise Module: The Cisco Fax Server SAP Module supports up to 15 connections to SAP clients.
- Connector for Microsoft Office SharePoint Server 2007 Module: The Cisco Fax Server SharePoint Module allows you to capture images directly in Microsoft Office SharePoint Server 2007 to enable business automation.
- Single Click Entry Module: This module enables capturing and extraction of metadata from images in Microsoft Office SharePoint Server 2007 or other Captaris applications to web or InfoPath forms for indexing.
- Multifunctional printer (MFP) device modules: The Cisco Fax Server offers MFP device modules for HP, Sharp, Ricoh, Xerox, and Konica Minolta, allowing companies to eliminate standalone fax machines and take full advantage of the capabilities of these devices.
- Boardless fax over IP: The Cisco Fax Server Version 9.4 offers the Brooktrout SR140 transport, a software-only edition of fax over IP that uses the H.323 and Session Initiation Protocol (SIP) protocols. SR140 does not require a fax board; it requires RightFax 9.4 Feature Pack 1 or later and is available at: http://www.captaris.com/support/downloads/rightfax/index.html.

More detailed descriptions of the Captaris RightFax products are available at: http://www.captaris.com/rightfax/brochures_datasheets.html.

Recommended Servers

Cisco media convergence servers provide highly available server platforms to host IP communications applications such as the Cisco Fax Server. The following server models are recommended for use with the Cisco Fax Server: Cisco MCS 7825-I, MCS 7825-H, MCS 7835-H, MCS 7835-I, MCS 7845-I, and MCS 7845-H Media Convergence Servers. Hardware specifications and ordering information for the recommended media convergence servers are available at: http://www.cisco.com/en/US/products/hw/voiceapp/ps378/products_data_sheets_list.html.

Limitations

Please consider the following technical and deployment limitations before you purchase and deploy the Cisco Fax Server:

- The Cisco Fax Server and Cisco Unity software cannot run co-resident on the same server.
- Telephony channels or ports are required in addition to Cisco Fax Server document-delivery channels when ordering. Telephony channels are provided with the SR140 Boardless Fax channels or TR1034 Fax boards.

Ordering Information

The Cisco Fax Server solution consists of the following components:

- Software:
  - Captaris RightFax 9.4 Enterprise Suite or Business Server software
  - Document-delivery channel licenses (one document-delivery channel included with enterprise suite software)
  - SR140 boardless FoIP channels
  - Lotus Notes or Microsoft Exchange module (optional with Cisco Fax Server 9.4 Business Server; included in enterprise suite and business server advanced bundles)
  - Shared services module (optional with Cisco Fax Server 9.4 Enterprise Suite)
  - Fax integrations module (optional with Cisco Fax Server 9.4 Enterprise Suite)
  - XML generator module (optional with Cisco Fax Server 9.4 Enterprise Suite or Business Server modules)
  - SharePoint Server 2007 connector module (optional with Cisco Fax Server 9.4 Enterprise Suite or Business Server modules)
  - Single click entry module (optional with Cisco Fax Server 9.4 Enterprise Suite or Business Server modules)
  - Web access module (optional with Cisco Fax Server 9.4 Business Server; included in enterprise suite)
  - PDF module (optional with Cisco Fax Server 9.4 Business Server; included in enterprise suite and business server advanced bundles)
  - MFP modules (optional with Cisco Fax Server 9.4 Enterprise Suite or Business Server modules)
- Hardware:
  - Server for running the Cisco Fax Server software
  - Intelligent fax boards (optional if SR140 boardless FoIP not ordered)

To place an order, visit the Cisco Ordering Home Page. To download software, visit the Cisco Software Center.

Tables 1 through 3 provide part numbers for the Cisco Fax Server and fax boards. You can find part numbers for required media convergence servers within the appropriate product data sheet at: http://www.cisco.com/en/US/products/hw/voiceapp/ps378/products_data_sheets_list.html.

Table 1. Part Numbers for Cisco Fax Server Enterprise Suite Software

Product ID	Description
CFS-9.4-ENT-STE	Cisco Fax Server 9.4 Enterprise Suite
CFS-FAX-CHAN-1	Cisco Fax Server 1 Document Delivery Channel License
CFS-9-X-SERV-MOD	Cisco Fax Shared Services Module for Enterprise Server
CFS-9-X-INT-MOD	Cisco Fax Integrations Module For Enterprise Server
CFS-9-X-XML-GEN	Cisco Fax XML Generator
CFS-9-X-SAP-CONN	Cisco Fax Connector for SAP R/3
CFS-SHAREPNT-CON	Cisco Fax SharePoint 2007 Connector
CFS-SINGLE-CLICK	Cisco Fax Single Click Entry
CFS-MFP-HP-1-9	CFS MEP Module for HP - 1-9 Devices
CFS-MFP-HP-10-49	CFS MEP Module for HP - 10-49 Devices
CFS-MFP-HP-50-499	CFS MEP Module for HP - 50-499 Devices
CFS-MFP-HP-500-5K	CFS MEP Module for HP - 500-5000 Devices
CFS-MFP-SHP-1-9	CFS MEP Module for Sharp - 1-9 Devices
CFS-MFP-SHP-10-49	CFS MEP Module for Sharp - 10-49 Devices
CFS-MFP-SHP-50-499	CFS MEP Module for Sharp - 50-499 Devices
CFS-MFP-SHP-500-5K	CFS MEP Module for Sharp - 500-5000 Devices
CFS-MFP-XRX-1-9	CFS MEP Module for Xerox - 1-9 Devices
CFS-MFP-XRX-10-49	CFS MEP Module for Xerox - 10-49 Devices
CFS-MFP-XRX-50-499	CFS MEP Module for Xerox - 50-499 Devices
CFS-MFP-XRX-500-5K	CFS MEP Module for Xerox - 500-5000 Devices
CFS-MFP-KM-1-9	CFS MEP Module for Konica Minolta - 1-9 Devices
CFS-MFP-KM-10-49	CFS MEP Module for Konica Minolta - 10-49 Devices
CFS-MFP-KM-50-499	CFS MEP Module for Konica Minolta - 50-499 Devices
CFS-MFP-KM-500-5K	CFS MEP Module for Konica Minolta - 500-5000 Devices
CFS-MFP-RCH-1-9	CFS MEP Module for Ricoh - 1-9 Devices
CFS-MFP-RCH-10-49	CFS MEP Module for Ricoh - 10-49 Devices
CFS-MFP-RCH-50-499	CFS MEP Module for Ricoh - 50-499 Devices
CFS-MFP-RCH-500-5K	CFS MEP Module for Ricoh - 500-5000 Devices
CFS-SR140-2CHAN	SR140 Boardless Fax, 2 channel
CFS-SR140-4CHAN	SR140 Boardless Fax, 4 channel
CFS-SR140-8CHAN	SR140 Boardless Fax, 8 channel
CFS-SR140-12CHAN	SR140 Boardless Fax, 12 channel
CFS-SR140-24CHAN	SR140 Boardless Fax, 24 channel
CFS-SR140-30CHAN	SR140 Boardless Fax, 30 channel

Table 2. Part Numbers for Cisco Fax Server Business Suite Software

Product ID	Description
CFS-9-X-BUS-SERV	Cisco Fax Server Business Server
CFS-FAX-CHAN-1	Cisco Fax Server 1-Channel License
CFS-9-X-NOTES-MOD	Cisco Fax Lotus Notes Module
CFS-9-X-EXCH-MOD	Cisco Fax Microsoft Exchange Module
CFS-9-X-WEB-ACCESS	Cisco Fax Web Access
CFS-9-X-PDF-MOD	Cisco Fax PDF Module
CFS-MFP-HP-1-9	CFS MEP Module for HP - 1-9 Devices
CFS-MFP-HP-10-49	CFS MEP Module for HP - 10-49 Devices
CFS-MFP-HP-50-499	CFS MEP Module for HP - 50-499 Devices
CFS-MFP-HP-500-5K	CFS MEP Module for HP - 500-5000 Devices
CFS-MFP-SHP-1-9	CFS MEP Module for Sharp - 1-9 Devices
CFS-MFP-SHP-10-49	CFS MEP Module for Sharp - 10-49 Devices
CFS-MFP-SHP-50-499	CFS MEP Module for Sharp - 50-499 Devices
CFS-MFP-SHP-500-5K	CFS MEP Module for Sharp - 500-5000 Devices
CFS-MFP-XRX-1-9	CFS MEP Module for Xerox - 1-9 Devices
CFS-MFP-XRX-10-49	CFS MEP Module for Xerox - 10-49 Devices
CFS-MFP-XRX-50-499	CFS MEP Module for Xerox - 50-499 Devices
CFS-MFP-XRX-500-5K	CFS MEP Module for Xerox - 500-5000 Devices
CFS-MFP-KM-1-9	CFS MEP Module for Konica Minolta - 1-9 Devices
CFS-MFP-KM-10-49	CFS MEP Module for Konica Minolta - 10-49 Devices
CFS-MFP-KM-50-499	CFS MEP Module for Konica Minolta - 50-499 Devices
CFS-MFP-KM-500-5K	CFS MEP Module for Konica Minolta - 500-5000 Devices
CFS-MFP-RCH-1-9	CFS MEP Module for Ricoh - 1-9 Devices
CFS-MFP-RCH-10-49	CFS MEP Module for Ricoh - 10-49 Devices
CFS-MFP-RCH-50-499	CFS MEP Module for Ricoh - 50-499 Devices
CFS-MFP-RCH-500-5K	CFS MEP Module for Ricoh - 500-5000 Devices
CFS-SR140-2CHAN	SR140 Boardless Fax, 2 channel
CFS-SR140-4CHAN	SR140 Boardless Fax, 4 channel
CFS-SR140-8CHAN	SR140 Boardless Fax, 8 channel
CFS-SR140-12CHAN	SR140 Boardless Fax, 12 channel
CFS-SR140-24CHAN	SR140 Boardless Fax, 24 channel
CFS-SR140-30CHAN	SR140 Boardless Fax, 30 channel

Table 3. Part Numbers for Cisco Fax Server Fax Boards (Optional when not using the SR140 Boardless Fax channel options)

Product ID	Description
CFS-TR1034-T1-4	TR1034 fax card, 4-channel frac T1
CFS-TR1034-T1-8	TR1034 fax card, 8-channel frac T1
CFS-TR1034-T1-16	TR1034 fax card, 16-channel frac T1
CFS-TR1034-T1-24	TR1034 fax card, 24-channel frac T1
CFS-TR1034-E1-4	TR1034 fax card, 4-channel frac E1
CFS-TR1034-E1-8	TR1034 fax card, 8-channel frac E1
CFS-TR1034-E1-16	TR1034 fax card, 16-channel frac E1
CFS-TR1034-E1-30	TR1034 fax card, 30-channel frac E1

Spares

You can order individual Cisco Fax Server components as upgrades or spares under the part numbers listed in Table 4. The function and content of the spare part number is identical to the system part number.

Table 4. Part Numbers for Spare Cisco Fax Server Components

Product ID	Description
CFS-TR1034-T1-4=	TR1034 fax card, 4-channel frac T1
CFS-TR1034-T1-8=	TR1034 fax card, 8-channel frac T1
CFS-TR1034-T1-16=	TR1034 fax card, 16-channel frac T1
CFS-TR1034-T1-24=	TR1034 fax card, 24-channel frac T1
CFS-TR1034-E1-4=	TR1034 fax card, 4-channel frac E1
CFS-TR1034-E1-8=	TR1034 fax card, 8-channel frac E1
CFS-TR1034-E1-16=	TR1034 fax card, 16-channel frac E1
CFS-TR1034-E1-30=	TR1034 fax card, 30-channel frac E1

Service and Support

Using the Cisco Lifecycle Services approach, Cisco and our partners provide a broad portfolio of end-to-end services and support that can help increase the business value and return on investment for your network. This approach defines the minimum set of activities needed, by technology and by network complexity, to help you successfully deploy and operate Cisco technologies and optimize their performance throughout the lifecycle of your network.

For More Information

For more information about the Cisco Fax Server, contact your local Cisco account representative.

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