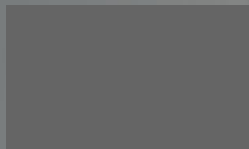# Fax Server

Blue Line   🔴 Fax Server PRI

Fax Server for ISDN30 line bundles

- Total solution for business fax traffic
- Choice of 4, 8 or 16 "fax lines"
- No separate infrastructure required
- Internal hard disk stores up to 2 million pages
- Unified messaging module

Fax Server

Fax Server

The total solution for business fax traffic

The enduring importance of fax traffic

Fax traffic plays an important part in business communications. Faxes have a number of advantages over e-mail, of which the most important are acceptance, reliability and security. Fax traffic with paper faxes also has a number of disadvantages. However, Vidicode fax servers completely overcome these disadvantages. Fax servers form the link between computers, networks and e-mail within the company and the security and reliability of fax correspondence with the outside world. They provide the ease of e-mail in terms of sending and receiving correspondence, yet offer an unconditional guarantee that the fax looks exactly the same on the recipient's machine.

A fax server for ISDN30

The fax server for ISDN30 is a breakthrough in various respects since it is connected to the ISDN30 line outside the telephone system. The device shares a number of channels with the telephone system and operates with its own telephone numbers. One of the benefits of this is that no separate infrastructure is required, such as analogue ports on the telephone system or separate fax lines, which also saves installation and configuration costs and work. No longer is it a problem to assign specific fax numbers from the many telephone numbers in the ISDN30 bundle. Each fax number is connected to the mailbox of an employee or department who then have their own direct fax number. As the fax server can handle up to 16 channels, there is sufficient capacity for almost any business. This capacity is assigned dynamically: if no faxes are being sent or received, the channels are released for voice traffic.

Fax Server

Fax traffic available in three ways

Fax traffic can be accessed and checked better than ever with a fax server. Faxes can be accessed in several ways and the fax server automates the processing.
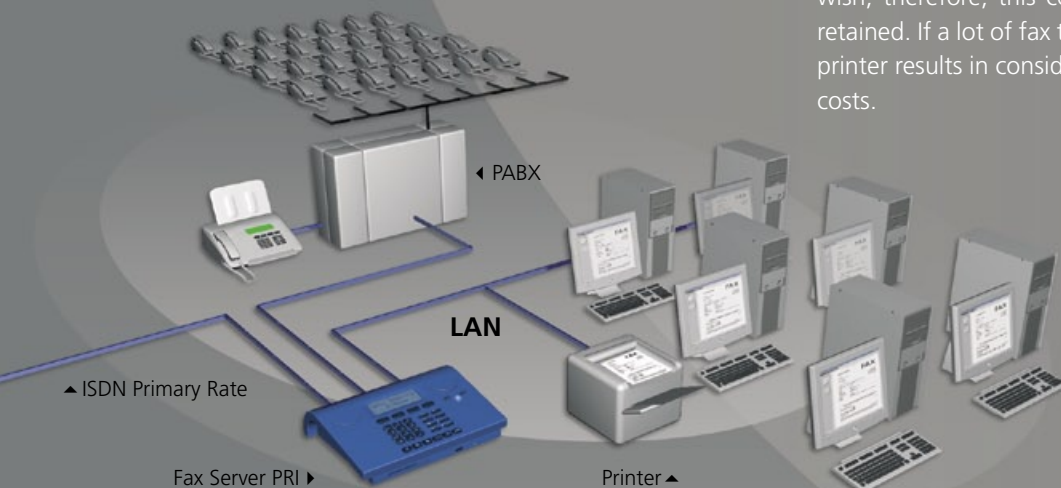
E-mail link

A specific e-mail address is linked to each fax number and fax traffic from the fax server is delivered as an e-mail as soon as it is received. There is no limit to the number of fax numbers. For example, if you have 300 staff, you can assign each of them a separate fax number. Whenever a fax is sent, an e-mail confirmation is sent to the sender who can then be sure that the fax arrived at its destination.

Network access to the fax server

All fax traffic can be accessed via your network. The hard disk in the fax server functions as an archive with a capacity of up to 2 million pages. The Fax Server Access Software supplied with the device presents the content of the fax server in the form of a database. Any fax sent or received, even going back several years, can be found with a simple search command and can be displayed on the screen and printed identically to the original.

Up to 16 fax lines on 1 printer

All fax traffic can be printed on a network printer. If you wish, therefore, this common functionality of fax traffic is retained. If a lot of fax traffic is printed, the use of a network printer results in considerable savings in terms of equipment costs.

◄ PABX

LAN

▲ ISDN Primary Rate

Fax Server PRI ▶ Printer ▲

Fax Server

Particular benefits of the Fax Server PRI

A number of the benefits of the Fax Server PRI are technical, but nevertheless are very important for the user:

Proof of origin of incoming faxes

Calling Line Identification is well regulated on digital (ISDN) lines. The Fax Server PRI records the number from which the connection was set up whenever a fax is received. Other people can set whatever ID they like on their fax machine so this never constitutes proof of origin. However, the Calling Line Identification is determined by the telephone network and therefore you always know exactly who sent the fax.

Optimum manageability of fax traffic

The Fax Server PRI allows fax numbers to be assigned to employees or departments with just a few keystrokes. This information is then recorded with every fax in the archive. The systems administrator can also use this information to determine who has access to the document via the Fax Server Access Software. For example, a boss can obtain access to his staff's fax traffic without being able to access other departments' fax traffic.

Internet technology

The Fax Server PRI is not a PC but an embedded system with an easily-accessible built-in FTP server. The particular advantage of this is that there are no special network requirements. E-mail communication is the same as that of a standard SMTP client with the company's mail server. The systems administrator can therefore expect installation to be simple with no consequences for other applications and systems.

Fax Server

Particular benefits of the Fax Server PRI

*Fax traffic from fax machines is also archived (optional) ***

An ordinary fax machine is often more appropriate for sending a hand-written letter or a form you have filled in. This fax traffic can be recorded on the basis of number identification. The fax server automatically makes a recording of the fax and the Fax Server Access Software converts this recording into an original document. The online archive in the Fax Server PRI is therefore complete, including traffic from ordinary fax machines.

Backup to a CD writer (optional)

Since the fax server has an internal hard disk, it may be desirable to have an external backup medium. An internal CD writer can therefore be fitted to the server as an option. Each CD can store around 17,500 pages. When the CD is getting full, the Fax Server PRI sends the systems administrator an e-mail and a new CD can then be inserted. CDs can be read on any PC.

*   Identification of fax traffic is limited to ordinary G3 fax traffic and cannot be guaranteed under all circumstances.

Fax Server

Unlimited software licence

The Fax Server PRI is supplied with software for PCs running Microsoft Windows. The software bundle includes the versatile Fax Server Client Software with a telephone book and a cover sheet editor, and the Fax Server Access Software. Fax Server Manager Software is also supplied for the systems administrator. The licence for this software is an unlimited one and covers all staff in the company where the Fax Server PRI is used.

Technical specifications, functions, technical standards and assortment

General	
Mains Supply	7.5 Volt AC 2A max./0,55A current via adapter
Ambient Temperature	0° to 40°C
Humidity	10%-90% (Non Condensing)

Technical standards	
EU Emissions	EN55022
EU Immunity	EN55024

Connections		
1	Mains Supply	Special
2	Loudspeaker mono output 0,1 Watt at 16Ω	3,5mm mini jack
3	Microphone stereo/dual mono input 20Mv at 10KΩ	3,5mm mini jack
4	Ethernet 10BASE-T/100BASE-TX	RJ45 UTP
5	Serial IO port (RS232)	Mini-DIN 9pin DTE
6	Line to PABX	RJ45
7	Line to network	RJ45

Operating systems	
Fax Server Client Software	Microsoft Windows 98 / 2000 / XP Citrix and Terminal Server compatible
Fax Server Access Software	
Fax Server Manager Software	

Assortment	Article number
Fax Server PRI, 4 channels, 1 million pages	1910
Fax Server PRI, 4 channels, 1 million pages, CD backup	1911
Fax Server PRI, 8 channels, 1 million pages	1912
Fax Server PRI, 8 channels, 1 million pages, CD backup	1913
Fax Server PRI, 16 channels, 2 million pages	1914
Fax Server PRI, 16 channels, 2 million pages, CD backup	1915
4-channel upgrade kit (4 > 8 / 8 > 12 / 12 > 16)	1916
Fax Recording option for all models	1920

Other models of fax server

In addition to the Fax Server PRI, a fax server for analogue lines is also available. A fax server for ISDN2 (basic rate) will be launched in the course of 2005. These devices are software compatible so that combinations can be put together for multiple telephone systems and sites.

Modulation standard	Bits per second
V.17	14400/12000/9600/7200
V.29	9600/7200/4800
V.27 ter	4800/2400
Compression method	Modified Huffman
Audio encryption method	Bytes per second
G.711 A-Law (mono without compression)	8000
E-mail link	SMTP / SMTP Auth.
Dimensions (L/W/H)	26 cm / 19 cm / 6 cm
Weight	1200 grams

1 2 3   4   5   6   7

Included in delivery
Mains Supply
2x RJ45 cables
CD with software
English Manual

● Fax Server IP
for analogue lines

vidicode