Application Sheet

Fax Gateways with Visendo Fax Server

- ✓ Fax Gateway, Media Gateway and Internet access
- ✓ Multi-Device and Multi-Site CAPI
- ✓ Integration with T.30 and T.38
- ✓ Works also with virtual fax servers

- ✓ External Fax Gateway for up to 8 Channels
- ✓ Reducing all redundant fax servers
- ✓ Possible maintenance during operations
- ✓ Easy Expansion
- ✓ Large range of basic functions and performance capabilities

Fax gateways systems have become an indispensable part of the modern business.
With a simple, intuitive operational way and reduced paper consumption, **Fax Gateways** receive increasing (especially in conjunction with different virtualization solutions) attention as standalone faxes are slowly becoming obsolete.
The approach combines virtualization redundancy, cost savings, security and environmental protection.
Firstly, thanks to a simple backup of a virtual machine, your data is always safe. Secondly, Fax Gateways sustain the idea of "**Green Computing**".

Challenge:

Many companies operate professional fax servers. Unlike conventional fax machines, these allow received faxes to be forwarded directly to employees at their extension numbers. One advantage is that an employee expecting a confidential fax does not have to wait at the fax machine; instead, the fax can be received personally—in an e-mail inbox, for example. Fax servers of this type also offer great convenience when sending faxes, for organizing contacts, and for complex job processing. This provides a significant improvement in the efficiency of fax processing in everyday business.
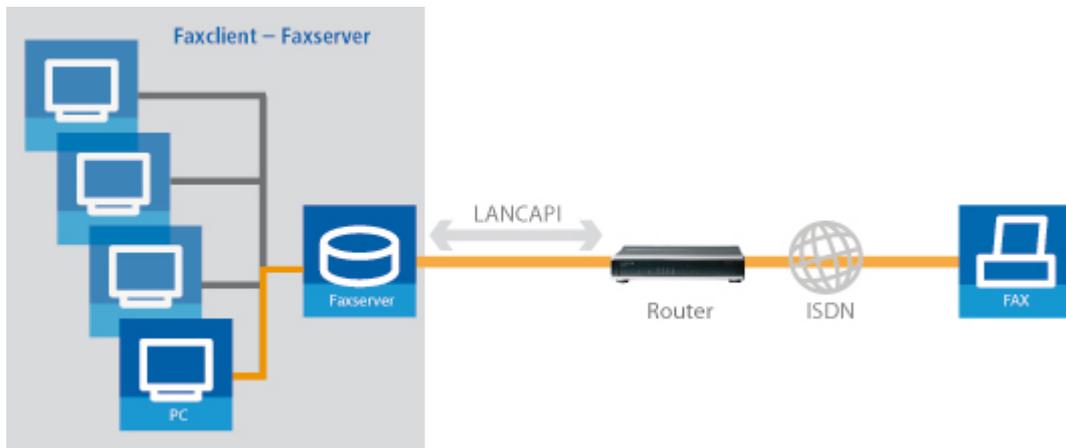
Due to the enormous performance capacity of modern hosts, which in most cases remains unused, very large energy resources are needed. By means of virtualization, the existing hardware resources are used more efficient**. The main challenge** is to reduce energy consumption and a better usage of hardware resources.

Solution:

Together with a virtual machine, Visendo Fax server reaches an unexpected flexibility. With support for **fax over IP** (**FoIP**) and **Virtual Modems** in virtual Environment, it is also possible to connect your **Fax Adapter** to a virtual environment.

The support for **TCP-CAPI (LANCAPI) or FAX over IP** is provided in modules. Together with **LCOS 7.7 from Lancom,** the system becomes more and more flexible; this flexibility would not be possible with regular ISDN adapters in a standard environment.

Up to 8 channels are available, depending on the configuration model. Since **TCP-CAPI** has no adapter installed in the system and it works as a simple application, it can run smoothly on any **Windows operating system**.

Lancom Fax Gateways

LANCAPI and Lancapi Faxmodem from LANCOM Systems is a specialized version of the widespread ISDN CAPI interface. It is available free of charge for all LANCOM routers with an ISDN interface.

Supported Routers

LANCOM 1711+ VPN, 2 fax channels
LANCOM 1721+ VPN, 2 fax channels
LANCOM 1821+ Wireless ADSL (annex A and B), 2 fax channels
LANCOM 1811n Wireless, 2 fax channels
LANCOM 1811n Wireless, 2 fax channels
LANCOM 1722 VoIP (annex A and B), 4 fax channels
LANCOM 1723 VoIP (annex A and B), 4 fax channels, but max. 2 to the exchange
LANCOM 1724 VoIP (annex A and B), 8 fax channels

General features

MS-operating system (x64 compatible) W2K, XP, W2K3, Vista and Windows 2008 are supported:

- ✓ IP PBX for ISDN and 8 SIP subscribers (up to 32 with VoIP-32 Option)
- ✓ SIP proxy for registration with providers and upstream VoIP PBXs
- ✓ SIP gateway with transparent transition between SIP and ISDN
- ✓ Intelligent call routing and number translation
- ✓ Two ISDN ports (NT/TE) with life-line support
- ✓ State full-inspection firewall and VPN gateway

- ✓ FaxPlus sending
- ✓ Fax Trainings ton detection
- ✓ Fax-Group 3
- ✓ Distribution on MSN
- ✓ Distribution on DDI
- ✓ ECT-Connect
- ✓ FaxPlus receiving

- ✓ Fax calling
- ✓ **Fax-on-demand**
- ✓ FaxBack
- ✓ TMail sending
- ✓ Mail2fax Distribution rules
- ✓ Switch to **Fax-Mode**
- ✓ Voice messages sending

? *For further information, visit the Data Sheet from Lancom Website.*

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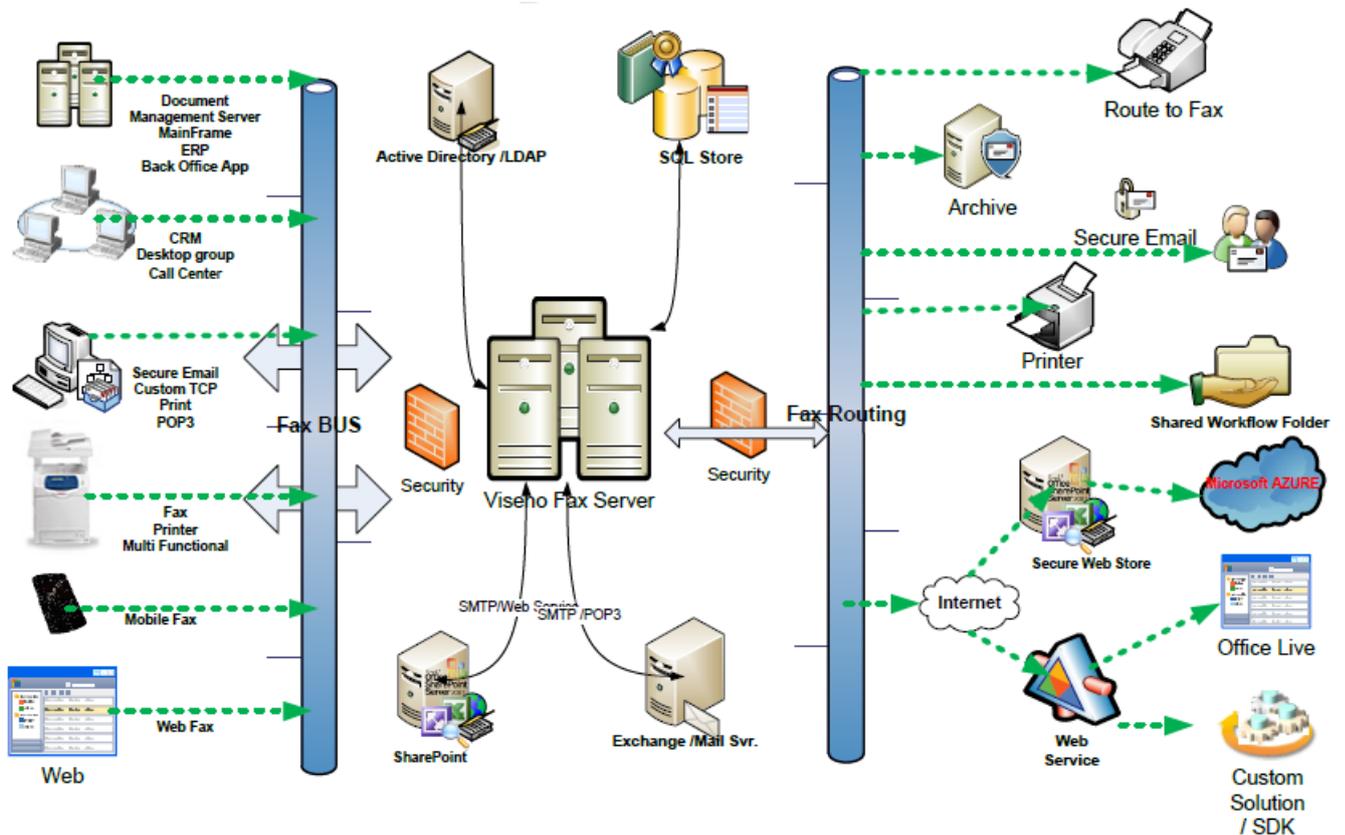Tel: +49-8677-9889-110 Fax: +49-8677-9889-44

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Appendix 1

Visendo Document Management