

Application Sheet

Teldat Fax Media Gateways and servonic's Fax Server/UM Software IXI-UMS

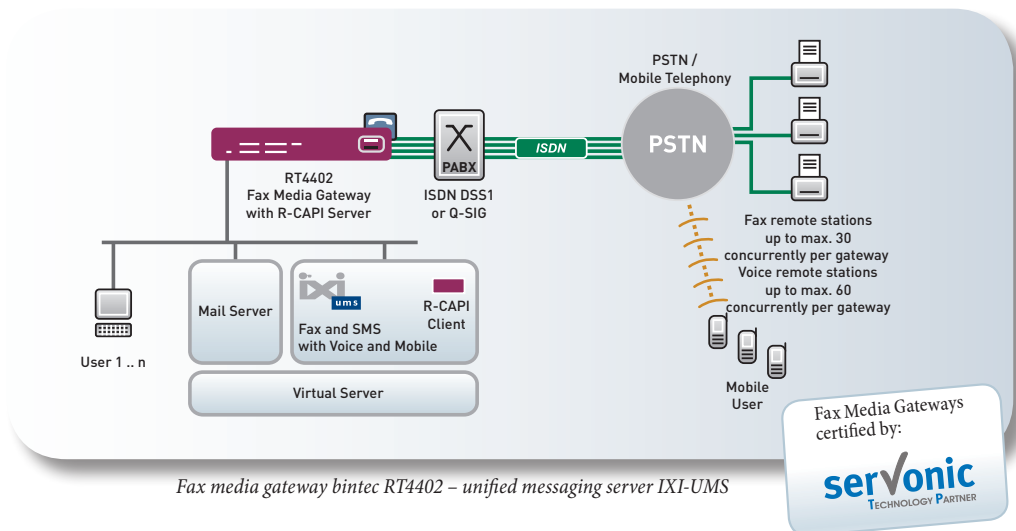
Perfect Team for Unified Messaging, ISDN and Virtualization

A server-based e-mail system nowadays is standard at companies. The messaging server offers an ideal platform to integrate additional communication services such as Fax, Voice or SMS into this architecture.

With servonic's unified messaging server solution IXI-UMS, users cannot only access the e-mails in their inbox, but also administer faxes, SMS or voice mails there and send and receive all sorts of messages from their workstation.

Benefits / Highlights:

- ▶ Direct conversion via Remote CAPI without loss in ISDN-features
- ▶ Perfect cooperation for ISDN and virtualization with VMware, Hyper-V, XEN
- ▶ Uncomplicated configuration
- ▶ Stable and reliable
- ▶ Modular design of the unified messaging software
- ▶ Fax server: Sending and reception of faxes
- ▶ SMS: Sending and reception of short messages directly via ISDN
- ▶ Voice: voice box feature
- ▶ Little requirements regarding LAN/WAN QoS
- ▶ Maintenance possible during the operation
- ▶ Redundancy of HW and SW for high availability
- ▶ Support of Q-SIG and Multi-Site for the networking with PBXs
- ▶ Call Transfer, support of MWI



Fax media gateway bintec RT4402 – unified messaging server IXI-UMS

Solution:

IXI-UMS is seamlessly integrated into mail server systems and can be deployed as pure fax server or as a complete unified messaging system. For the outbound communication, IXI-UMS can use conventional ISDN-boards based on the CAPI-interface. With the bintec RT Fax Media Gateways from Teldat, also external devices are available for the ISDN-connection, which provide a simple and direct conversion of the ISDN-performance by means of the so-called "Remote CAPI" ISDN-interface via the LAN. The "Remote CAPI" can be installed without any problems from the simple Microsoft Windows Client to virtualized high-end servers. As a result, the cooperation of IXI-UMS and the bintec Media Gateways is perfectly suitable especially for the operation with virtual servers and offers full ISDN-features support with little requirements regarding LAN/WAN QoS (Quality of Service). The Media Gateways from Teldat and servonic's IXI-UMS software can be adjusted to the requirements of the customers via modules and licenses and at the same time can be configured easily. If the available channels are no longer sufficient, further Media Gateways can be added and the capacity can be adjusted during the operation – without interruption at the IXI-UMS system. Because of the redundant design of the bintec hardware as well as the IXI-UMS software, also high demands on security and high availability can be fulfilled.

**FAX MEDIA
 GATEWAYS:**



**bintec RT1202 / RT3002 /
 RT4202 / RT4402**

Multimedia fax gateway and router
 in one device

- ▶ RT1202: The flexible media gateway
- ▶ RT3002: The media gateway with ADSL 2+ modem for Annex A and B
- ▶ RT4202: The media gateway with 4 x FXS internal
- ▶ RT4402: Media Gateway with PRI
- ▶ CAPI server virtualisation + fax G3
- ▶ VoIP and fax over IP (T.38)

- ▶ 19-inch housing with integrated power supply
- ▶ 10 (opt. up to 110) VPN tunnels with IPSec, PPTP, support of certificates
- ▶ Hardware acceleration
- ▶ Configuration Interface with integrated assistants
- ▶ Stateful Inspection Firewall
- ▶ SIP Application Level Gateway
- ▶ Device redundancy with BRRP
- ▶ Connection to RADIUS server
- ▶ Variably applicable with Ethernet WAN (separable 4+1 port switch)

Fax Media Gateways	bintec RT1202	bintec RT3002	bintec RT4202	bintec RT4402
Art. no.	5510000228	5510000229	5510000231	5510000232
ISDN BRI and FXS	2 x BRI	4 x BRI	4 x BRI + 4 FXS internal	2 x BRI + 2 x PRI
DSP	4 channels	8 channels	12 channels	60 channels
Ethernet Switch	5 x Gigabit Ethernet	5 x Gigabit Ethernet	5 x Gigabit Ethernet	5 x Gigabit Ethernet
Fax over IP (T.38)	4	8	8 + 4	30 (opt.)
Fax G3 (T.30)	4	8	8	30 (opt.)

**OPTIONS AND
 LICENSES:**

Fax functionality extension

Licence to enable T.30/T.38 fax functionality of the DSP30 module for RT4402

- ▶ Name: RTxx02-S2M-FAX
- ▶ Art. no. 5500000784

**SUPPLEMENTARY
 COMPONENTS:**

IXI-UMS Unified Messaging Server

- ▶ IXI-UMS Unified Messaging Server
- ▶ Sending and reception of faxes
- ▶ Sending and reception of SMS (bidirectional via ISDN, SMS via fixed lines)
- ▶ Voice mail (voice box feature)
- ▶ Mobile access to messages
- ▶ Seamless integration into messaging systems and ERP/CRM such as Microsoft

Exchange Server, IBM Lotus Domino, Open Source mail server, SMTP Mailer, SAP * ERP *, etc.

- ▶ Q-SIG support, MultiSite operation for networked PBXs
- ▶ Call Transfer, MWI
- ▶ "Cluster"-architecture/multi-computer concept for high demands on high availability



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