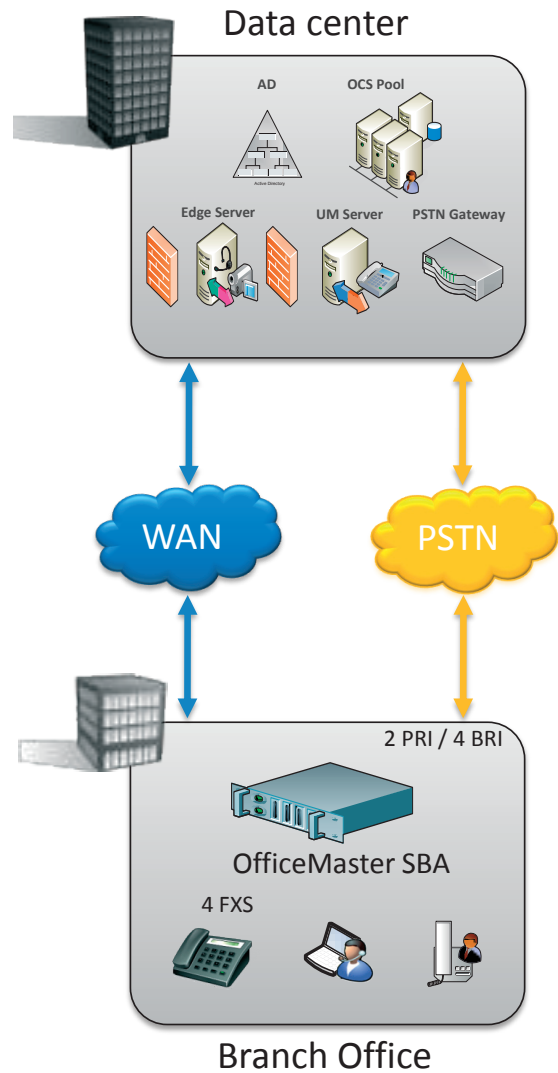


OfficeMaster SBA (Survivable Branch Appliance)

High availability branch office telephony for Microsoft Communications Server "14"

Product highlights

- Based on industrial grade HP Server running Windows Server 2008 R2 and Branch Office components
- Integrated self contained PCIe Gateway board seen by the host as a network card, no special drivers needed
- 6 digital interfaces:
4 BRI and 2 PRI (T1/E1) with flexible licensing-on-demand
- 4 analog ports on separate low-profile card (optional)
- Easy first-time setup from any client PC through web based UI
- Integrated test tool for PSTN connection
- Diagnostic, monitoring, logging (SNMP, SCOM)
- Also usable for Microsoft Exchange Unified Messaging
- Inbound fax support for Exchange 2007 and Exchange 2010 (certified by Microsoft)
- Fully featured fax server software can be installed as an option
- High quality gateway component – 100% made in Germany



Survivable telephony in branch offices

Microsoft Communications Server "14" is the first release which will support remote site telephony even on WAN outages. Microsoft has defined an appliance type of products which contains all functions needed for telephony in a branch office – therefore called "survivable branch appliance".

OfficeMaster Survivable Branch Appliance is based on high quality industrial grade server hardware (HP ProLiant) which runs Windows Server 2008 R2 together with Microsoft branch office components like Registrar and Mediation Server. All necessary software is preinstalled and activation can be done through an easy to use web UI by a local technician.

Hardware overview

A separate PCI express card contains the complete media gateway which supports different types of ISDN connections – four basic rate interfaces supporting 8 ports and up to 60/48 channels of E1/T1 primary rate connections. Four analog FXS ports are available through an additional low profile PCIe card. If more ports are needed, separate external devices can be added. In addition support for SIP trunks will be available as an update.

The gateway board is seen by the server machine as a standard network card – all gateway functions are completely offloaded from the main CPU. Therefore even different types and brands of server machines could be used if needed.

Technical Specifications

Server Hardware

- HP ProLiant
- 1U high, 19-inch wide rack mount
- AC Power: Auto-sensing 400 Watt
- Gigabit Ethernet

Server Software

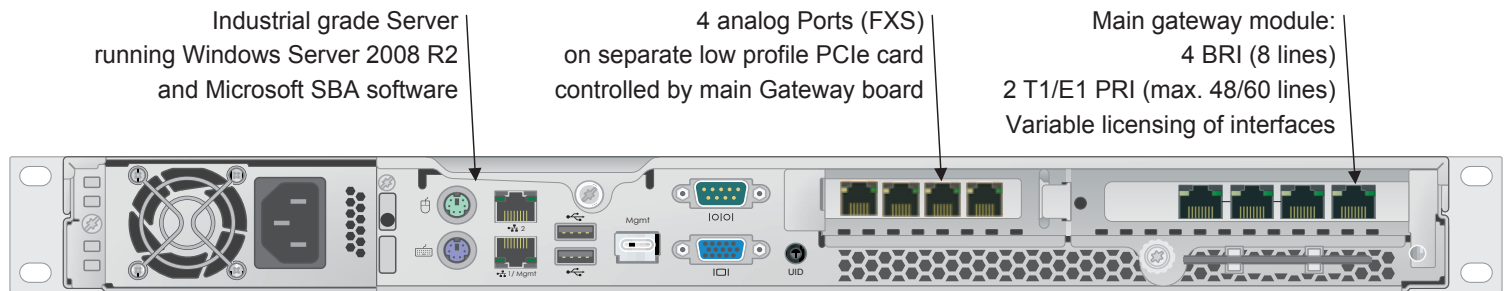
- Windows Server 2008 R2 preinstalled
- Microsoft Communications Server „14“ Survivable Branch Appliance components (Registrar, Proxy, Routing, Mediation Server)
- Web based configuration and monitoring User Interface

Gateway Hardware

- Integrated self contained PCIe Gateway board seen by the host as a network card, no special drivers needed
- PCIe board contains complete gateway, no separate software components running on host CPU
- 6 digital interfaces: 4 BRI and 2 PRI (T1/E1) with flexible licensing-on-demand
- optional: 4 analog ports on separate low-profile card connected with gateway board via TDM-interface

Gateway Software/Functions

- VoIP media gateway qualified for Microsoft Office Communications Server 2007 (including R2 release)
- SIP over TCP
- Optional encryption: TLS/SRTP
- Fax via T.38 and T.30 (embedded certified fax solution for Microsoft Exchange 2010)
- PRI signaling protocols (basic call): all Q.931 variants (ETSI/Euro ISDN, NI-2, NET5, 5ESS, DMS100), QSIG
- Text messaging (SMS) based on ETSI ES 201 912



Networking Infrastructure Solutions
Unified Communication Solutions
ISV/Software Solutions



EMEA

Ferrari electronic AG
Ruhlsdorfer Str. 138, 14513 Teltow
Tel: +49 (3328) 455 991
Fax: +49 (3328) 455 960
E-mail: info@ferrari-electronic.de
www.ferrari-electronic.com

North America / Canada

NOVUS
338 Commerce Drive, Fairfield, CT 06825
Tel: +1 (203) 683 5228
Fax: +1 (203) 331 9997
E-mail: ferrari@novusllc.com
www.novusllc.com

Asia / Pacific

TRIA IT-Consulting
Malaysia Sdn. Bhd.
Tel: +60 (3) 27215891

www.apac.tria.de