



OfficeMaster SURVIVABLE BRANCH APPLIANCE (SBA)

High-availability solution for branch-office telephony
with Microsoft Skype for Business®

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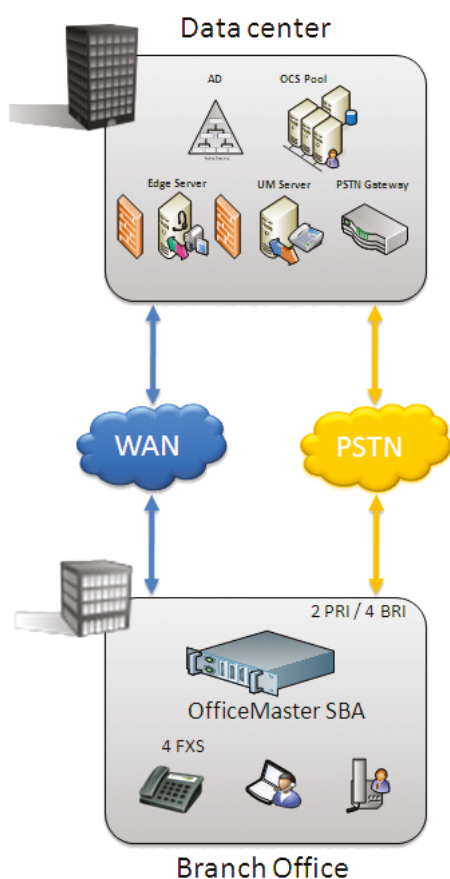
OfficeMaster Survivable Branch Appliance (SBA)

High-availability solution for branch-office telephony with Microsoft Skype for Business®

Independent telephony at branch offices

Since launching Lync Server 2010, Microsoft has for the first time supported telephony even if the IP connection to the data center should fail – with the **Survivable Branch Appliance**.

The OfficeMaster SBA is based on a high-quality HP server running Windows Server 2012 R2 with the Microsoft SBA components (including the registrar and the mediation server). The necessary software components are preinstalled and can be activated by the local administrator with a simple web-based configuration interface.



The hardware explained

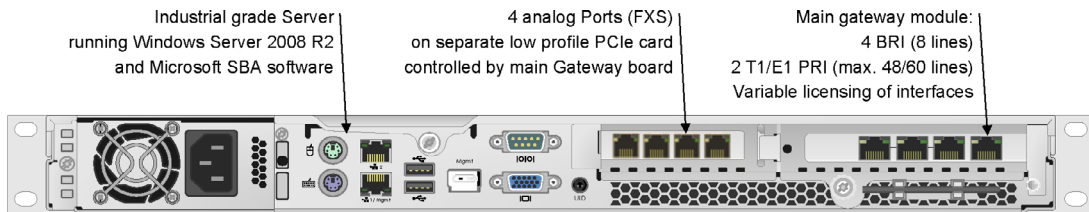
A separate PCIe board contains the complete media gateway with various ISDN interfaces – four basic rate interfaces (BRI supporting 8 channels) and 2 primary rate interfaces (PRI supporting 60 (E1) or 46 (T1) channels). 4 analog FXS ports are available with an additional low-profile PCIe board. If operations require even more connections, additional SIP ATAs can be employed.

The gateway board is recognized by the server as a network adapter. All gateway functions are fully independent on the main CPU, so it is feasible to operate with different brands of server machines.

OfficeMaster Survivable Branch Appliance (SBA)

- Based on a professional HP server running Windows Server 2012 R2 and the Microsoft Skype for Business / Lync Server SBA components
- Integrated PCIe gateway recognized by the host system as a network adapter; no special drivers necessary
- 6 digital interfaces:
- 4 BRI and 2 PRI (T1 / E1) with flexible licensing according to requirements
- 4 analog ports on a separate board (licensing optional)
- Web-based configuration wizard provides easy guidance through the initial setup
- Test tool for the PSTN connection
- Diagnosis, monitoring, logging (SNMP, SCOM)
- For Microsoft Exchange Unified Messaging
- Direct connection to Exchange 2016/2013 / 2010 / 2007 for receiving faxes (certified by Microsoft)
- The OfficeMaster Suite Unified Messaging solution can be installed as an option

Server Hardware	Server Software
<ul style="list-style-type: none"> • Tower with optional RackMount kit for installation in a server rack • Gigabit Ethernet 	<ul style="list-style-type: none"> • Windows Server 2012 R2 pre-installed • Microsoft Skype for Business / Lync Server 2013 Survivable Branch Appliance components (registrar, proxy, routing, mediation server) • Web-based configuration and user interface
Gateway Hardware	Gateway software / functions
<ul style="list-style-type: none"> • Integrated PCIe gateway; recognized by network drivers, thus requiring no additional drivers • PCIe board contains the entire gateway; no load is placed on the main CPU by additional software components • 6 digital interfaces: 4 x BRI and 2 x PRI (T1/E1) with flexible licensing • 4 analog ports on a separate low-profile board; connection to the main gateway board via a TDM interface 	<ul style="list-style-type: none"> • VoIP media gateway certified for Skype for Business Server and Microsoft OCS (including R2) • TLS/SRTP • SIP over TCP • Fax reception via T.38 and T.30 (certified fax solution for Microsoft Exchange 2010) • PRI 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



Complete ISDN / IP gateway as the active PCI board	
<ul style="list-style-type: none"> • OfficeMaster Gate, active PCIe board (OMC.22304) 	<ul style="list-style-type: none"> • Certified gateway suitable for Microsoft Skype for Business, Microsoft OCS 2007 R2 • Permits operation of the following interfaces (additional licenses required): 4 x BRI, 2 x PRI • Full length, full height
Appliance running Windows Server 2012 R2 operating system, active PCIe board, PCIe board for 4 analog interfaces	
<ul style="list-style-type: none"> • OfficeMaster SBA (SBA.20319) 	<ul style="list-style-type: none"> • Optionally usable as SBA for Microsoft Skype for Business • 2 x PRI, 4 x BRI, 4 x FXS • Software RAID

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