NetBorder™
LYNC EXPRESS

The ONLY all-in-one Lync server appliance with a built-in VoIP gateway.
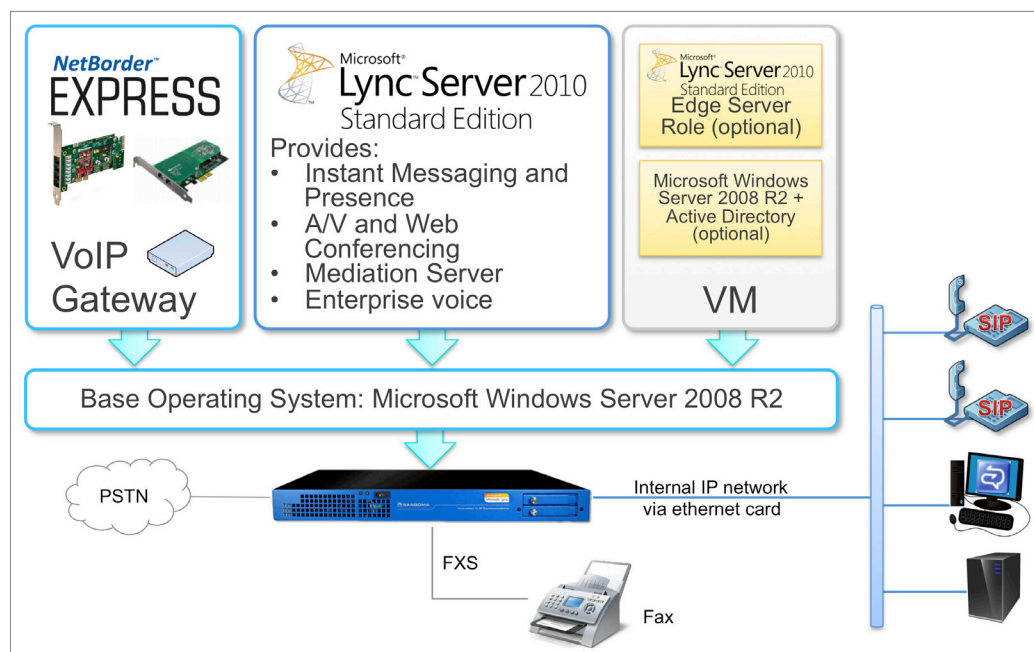
OPTIMIZED FOR
Microsoft® Lync™

USE CASES

☑ **Telephony support for Office 365 users**

☑ **Superior support for Branch office with Sangoma's exclusive Continuous Survivable Branch-office Appliance configuration**

☑ **Complete IP-PBX replacement, including Lync UC Features, for installations of under 240 users**

2012
INTERNET TELEPHONY®
TMC®
PRODUCT OF THE YEAR

Analysts agree the Microsoft Lync is quickly gaining traction not only as a Unified Communications platform, but as a complete IP-PBX Replacement as well. The initial release of Lync squarely focused on the large enterprise that had a complete staff of Microsoft Certified engineers or partners at their disposal. The complexity of a Lync implementation is beyond most SMB's. This is further complicated when an installation requires that Lync be integrated with the PSTN, either through traditional telephony interfaces or with a SIP Trunk.

To help the SMB manage this complexity, Sangoma has created Lync Express, the only all-in-one Lync server appliance with a built-in VoIP gateway. The appliance is "right-sized" to support installations of up to 240 users, with all the required software pre-loaded onto the appliance.

LYNC EXPRESS: WHAT'S INSIDE

With Lync Express, Sangoma brings its considerable knowledge of VoIP gateways and telecom to the Microsoft Lync Ecosystem. Sangoma delivers the same industry leading quality to these new markets that our customers have come to expect from our existing portfolio of board-level products.

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TECHNICAL SPECIFICATIONS

Pre-Installed Software

- Microsoft® Windows™ 2008 Server R2
- Microsoft® Lync™ Server 2010 Standard
- NetBorder™ Express VoIP Gateway
- Hyper-V Microsoft® Windows™ 2008 Server R2 as Domain Controller/Active Directory Server

Note: Microsoft licensing is not included; they can be optionally purchased through Sangoma.

PSTN Protocol Termination

- E1/T1 Products
  » 1 E1/T1 + 4 FXS
  » 2 E1/T1 + 4 FXS
  » Supporting:
    - North American variants
    - EuroISDN
    - Japan variant (INS1500)
    - MFC/R2
- BRI Products
  » 4 BRI + 2 FXS
- Analog Products
  » 6 FXO + 2 FXS

VoIP Protocol Termination

- TCP or UDP
- SIP control protocol per RFC 3261
- RTP/RTCP per RFC 3550/3551

Security

- TLS per RFC 5246
- SRTP per RFC 3711

Media Processing

- G.168-2002 Echo cancellation with hardware option
- DTMF over RTP per RFC 2833; international and custom tone detection and generation
- Voice Activity Detection and Comfort Noise Generation
- T.38 Fax relay

Management and Configuration

- Web server
- Web services API
- Configuration files for easy integration into OEM applications
- SNMP DS0, DS1 and call stats MIBS
- Contextual help menus
- Extensive logging
- Automatic board discovery
- Open protocol translation & XML-based routing rules
- Configurable ISDN PRI to SIP mapping per RFC 3398

Network Interfaces

- 2 RJ-45 Ethernet ports
- 4 USB ports

Video

- 1 DVI output port

AC Power

- 250W Universal

Dimensions

- 1U: 480.4mm(W) x 474mm(D) x 44mm(H); 19"(W) x 18.7"(D) x 1.7"(H)

Support and Professional Services

Sangoma engineers are here to support your success. Whether you need technical support and software maintenance, training, consultation and installation services, Sangoma can help you. Contact your Sales representative for more information.

Warranty

Standard 12-month warranty is included. Additional warranty services available, contact your Sales representative for more information.

ORDERING

SKU	Item
LYNC-NBE-AP01	Lync Express appliance – 1 E1/T1 + 4 FXS
LYNC-NBE-AP02	Lync Express appliance – 2 E1/T1 + 4 FXS
LYNC-NBE-APAN	Lync Express appliance – 6 FXO + 2 FXS
LYNC-NBE-APBR	Lync Express appliance – 4 BRI + 2 FXS

Cables, if required, are included at no additional charge.

In an effort to continuously improve our products Sangoma reserves the right to modify features, design or specifications at any time without prior notice or obligation.