Empower **O365** Voice

DRIVEN BY INNOVATION ⏀ **SANGOMA**

Install Lync Enterprise Voice
for **Office 365** *faster*

Fast Forward

Voice

Office 365 gives you unprecedented opportunity to deliver employees best-in-class collaboration across all devices as a complete unified communications solution that drives productivity within your corporate network. Upgrade your licenses to include Lync Enterprise voice and be empowered by Sangoma to deliver a complete, real-time collaboration solution even outside your corporate network. It is possible and practical to use Lync with Office 365 as a complete PBX replacement.

Sangoma's Express for Lync was the first and all-in-one Lync server appliance for Office 365 that includes both a Lync qualified gateway for Analog, ISDN BRI or Digital T1/E1 phone network connectivity and session border controller for unmatched network security and interoperation with existing devices at both headquarters and branch offices. Express for Lync is a proven, versatile and stable all in one solution that helps you cut Lync with Office 365 deployment times in half.

L⤵ Lync   **🗗 Office 365**

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EXPRESS
FOR LYNC

All-In-One Lync Server ✔ **Lync qualified & tested**

The Lync server with a VoIP gateway and SBC built in. Ready to deploy with pre-installed components, it's a convenient way to set up Lync with Enterprise Voice support for Office 365*, for a branch office or as a complete PBX replacement for up to 1,000 users.

BENEFITS

Replace the PBX and cut the time it takes to deploy enterprise voice in half

Save money. The telecom side is quick to deploy and the all in one hardware is convenient and affordable.

Reduce downtime: Provides Lync survivability and PSTN failover.

Full Unified Communications (UC) without compromising cloud benefits

Everything connects. Choose whatever IP phones and management tools you prefer and it just works.

Approved Lync hybrid split domain architecture

Replace meeting software: hold meetings even with people not on Lync natively.

KEY FEATURES

Lync server roles, Media Gateway and Session Border Controllers (SBC) all in one box

Intuitive GUI for self-management

Windows Server, Hyper-V, Lync Server 2013, Mediation Server, Active Directory, Edge Server and Reverse Proxy pre-installed and ready to license.

Full PBX enterprise voice features

Scales from tens of users to 1,000 users

*E4 plan required.

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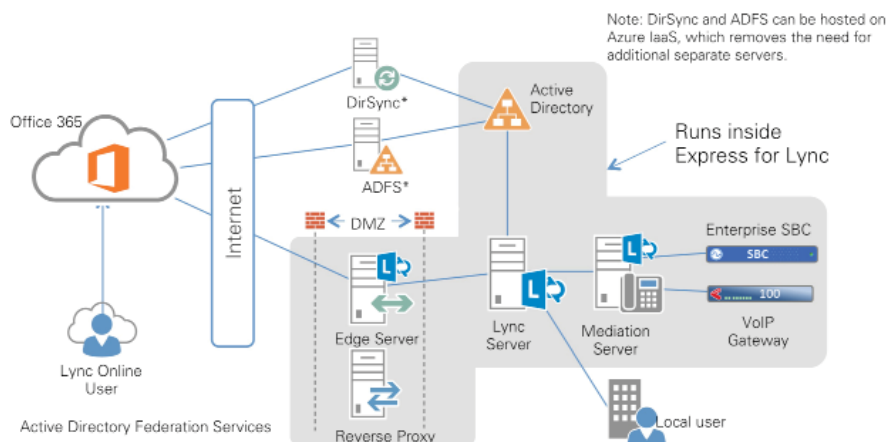Silver **Communications**

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Sangoma Express for Lync Deployment Scenarios

The original all-in-one-Lync-Server appliance has been creatively deployed in many scenarios.

Office 365

When you enable your Office 365 E4 licenses, Lync Enterprise Voice is deployed in a hybrid scenario with Lync on premise and the remainder of Mircosoft Office running in the cloud. Express for Lync helps make that process easy.

Single Site/HQ

For small to medium businesses up to 1,000 users, Express for Lync has been deployed as the main Lync voice infrastructure, connecting to Office 365 or in a standalone mode.

Branch Sites

Providing full survivability and local PSTN termination, Express for Lync helps you make remote branches and office users feel like they are at heaquarters. Connect it to the headquarters main Lync server or to a partner's hosted platform—branch users can enjoy uninterrupted optimal service for all communications modes, even if the WAN fails. The platform can also be deployed as a Survivable Branch Server.

Proof of Concept

Why try to deploy Lync without an initial trial? If your platform is in the Microsoft cloud, enabling voice for some users is not a trivial process. With the on-board Active Directory Server, Express for Lync will dramatically simplify and speed up proof of concept trials, importing locally and enabling only the desired user base with enterprise voice without changing your infrastructure. Express for Lync makes trialing Lync easy.

Key Highlights

WORK WITH YOUR CHOICE OF MANAGEMENT MODULE AND DEVICES

Express for Lync helps you make everything connect from the most common to more obscure deployment scenarios. **You are not limited by your choice of management module**, endpoints or other devices on your network. Express for Lync can work with existing components to keep transition costs down.

EXPRESS FOR LYNC USES RAID TECHNOLOGY: REDUCE DOWNTIME

By storing the same data in different places (thus, redundantly) on multiple hard disks, I/O (input/output) operations can overlap in a balanced way, improving performance and this means **your system is more likely to stay up.**

ATTEND LYNC MEETINGS FROM ANY WEB CLIENT—OUT OF THE BOX

Express for Lync uses Reverse Proxy technology. **External users can attend meetings using the Lync web client**, access conference bridge settings and download content from those meetings with ease.

SCALE UP AS YOUR BUSINESS GROWS

With a simple license upgrade, **upgrade the system in the field** for to up to 1000 users.

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Technical Specifications

Pre-Installed Software:

Microsoft® Windows™ Server 2012 and Hyper-V

Microsoft® Lync® Server 2013

Mediation Server

Edge Server

Reverse Proxy

Active Directory

Sangoma VoIP Gateway

Sangoma SBC

Note: Microsoft licensing is not included.

PSTN Protocol Termination:

E1/T1 PRODUCTS:
1 E1/T1 + 4 FXS

2 E1/T1 + 4 FXS

8 E1/T1 + 4 FXS

Supporting:

- North American variants
- EuroISDN
- MFC/R2

BRI PRODUCTS:
4 BRI + 2 FXS

ANALOG PRODUCTS:
6 FXO + 2 FXS

22 FXO + 2 FXS

SBC:
25–250 sessions

Supporting:

- SIP Trunking
- DoS/DDos Protection
- Call Access Control
- Toll Fraud Protection
- Intelligent Routing

SBC/TDM:
25–250 sessions with TDM gateway for resilience/PBX connectivity

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

Network Interfaces:

2 RJ-45 Ethernet ports

2 USB ports

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 (VAD) and Comfort Noise Generation (CNG)

T.38 fax relay

Management and Configuration:

IPMI Remote Server Management

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

Dimensions:

1U: 482.6(W) x 474(D) x 44(H) mm; 19″(W) x 18.7″(D) x 1.7″(H)

AC Power:
300W Dual AC (Dual DC Optional)

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.

For More Information:

http://sangoma.com/lync

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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.

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Our 30 year history in building quality communications products on open standards, gives you access to the most comprehensive portfolio designed to help your business connect all kinds of legacy and next generation equipment into Microsoft Unified Communications though a single vendor. **We make everything connect.**

THE SANGOMA DIFFERENCE:

✔ 30+ years expertise in IP Communications

✔ Microsoft Partner and Lync qualified

✔ Global network of staff and partners

✔ Dedicated professional services

✔ Canadian-owned and operated

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