

Tendencias globales sobre los Information Workers en materia de Productividad: Colaboración, Business Intelligence y UC.

Diego Pérez
dperez@microsoft.com
Especialista en Soluciones de Productividad
Microsoft Argentina & Uruguay



Agenda

- Actualidad & Estrategia de Microsoft
- Conceptos claves en Lync 2010
- Hands On:
 - Configuración Online
- Lync 2013 (ya esta llegando!) & Roadmap
- HandOn:
 - Pilares de la Colaboración sobre Lync.



¿Qué ocurre cada 10 minutos?

A man in a grey suit, blue and white checkered shirt, and dark tie is looking down at a smartphone in his hands. The background is a blurred outdoor scene with a building and some foliage.

enviamos

1.5 millones de correos electrónicos



A child wearing a dark blue hat with a green band and a green backpack is seen from behind, looking through binoculars in a field of sunflowers. The sun is low on the horizon, creating a warm, golden glow across the sky and the field. The child is wearing a dark long-sleeved shirt with white stripes on the cuffs.

realizamos más de

3.5 millones de búsquedas





descargamos más de

6,000 vídeos



A close-up photograph of a woman with dark, curly hair, smiling warmly while looking down at a pink smartphone she is holding in both hands. She is wearing a white, off-the-shoulder top. The background is a soft-focus green, suggesting an outdoor setting with foliage. A semi-transparent dark grey banner is overlaid across the bottom half of the image, containing text and a navigation icon.

descargamos más de

2,000 aplicaciones en móviles





publicamos

1 millón de tweets





En Facebook, se hacen

4 millones de actualizaciones de estado

generamos en el año 2011

1.8 ZB de datos





¿qué nos dice toda esta
información?

Estamos conectados

O

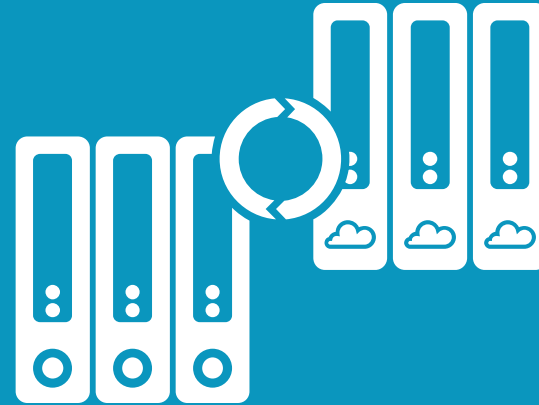
¿estamos desconectados?

Tome el control.

Estrategia de Productividad de Microsoft



Mejor experiencia en todos los dispositivos (Teléfono, browser, etc.)



La nube a su medida

COMUNICACIONES
UNIFICADAS

COLABORACION

GESTIÓN DE
CONTENIDOS

HERRAMIENTAS
DE ESCRITORIO

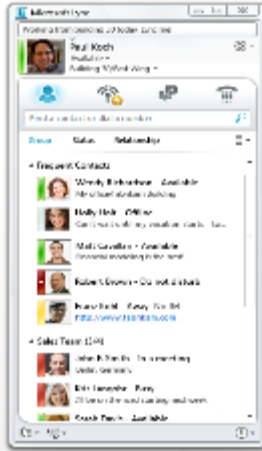
BUSQUEDAS
INTELIGENTES

La oferta de comunicaciones de Microsoft



Pilares de la solución Lync 2010

Mensajería Instantanea
& Presencia



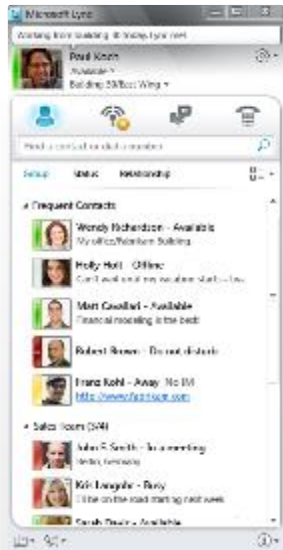
Audio, Video,
Conferencia Web



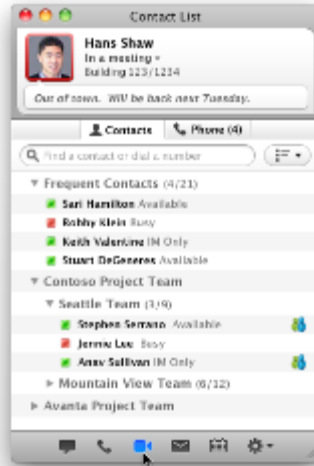
Voz sobre IP



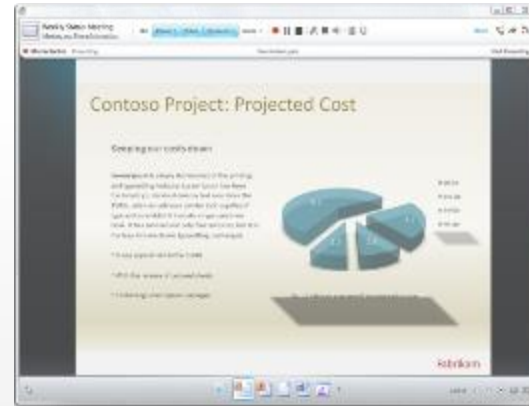
Disponibilidad en múltiples dispositivos y plataformas



PC



Mac



Browser

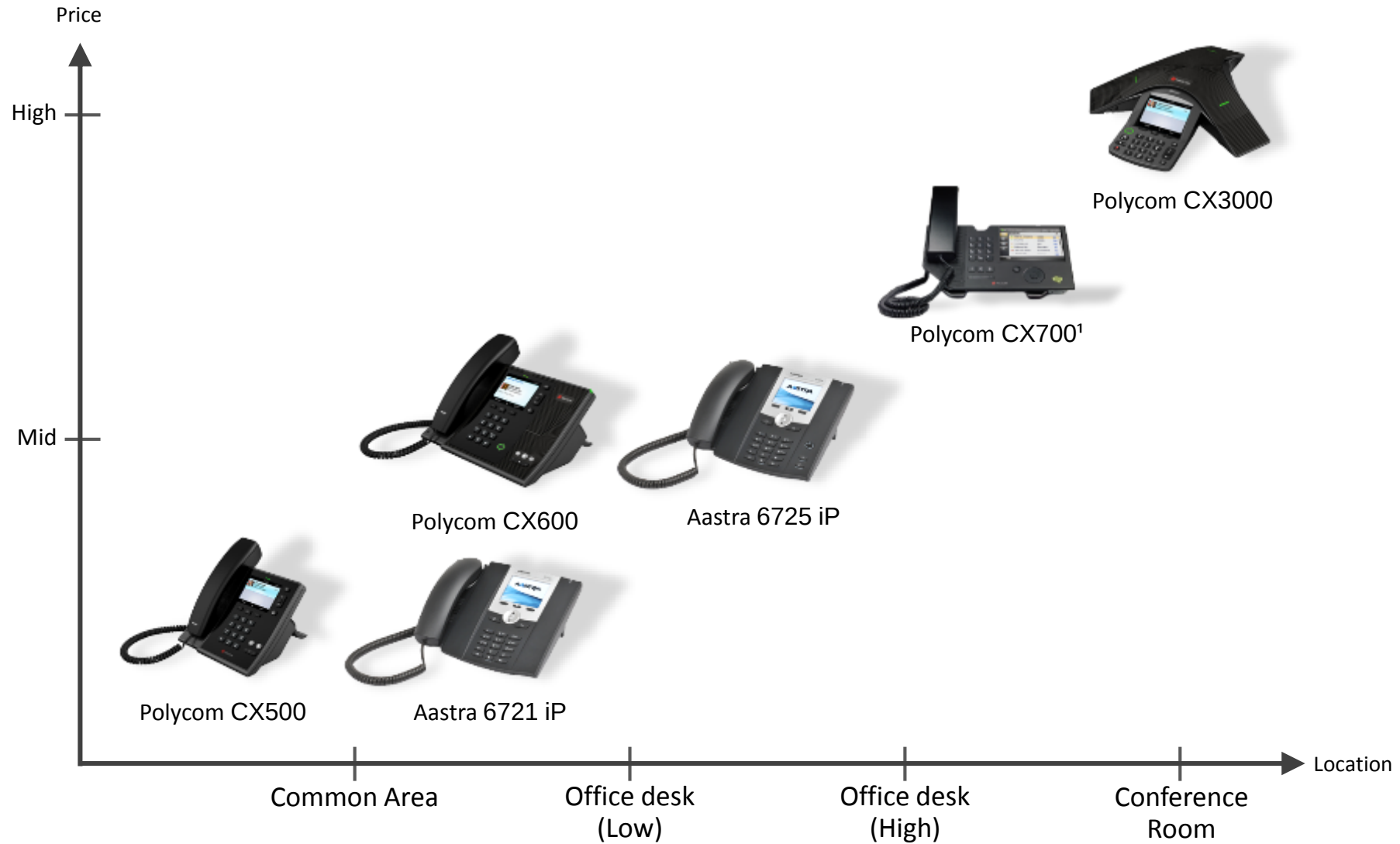


Mobile



Desk Phones

Distintos Telefonos IP



Diseñado para el entorno local y la nube

Ofrezca Lync de acuerdo con sus prioridades de negocio

- Costos previsibles, rápida implementación y software actualizado
- Implementación híbrida: Lync Server en un entorno local (con reemplazo de PBX) y Exchange y SharePoint Online

 (nube)	 Mensajería instantánea	 Conferencia (audio/video/web)	 Voz	 Reemplazo de PBX
 (entorno local)			Después del lanzamiento	No disponible

Lync 2010...

Reducción
de costos

Reducción de costos mediante
comunicaciones integradas

Adopción
fácil

Adopción rápida gracias
a la facilidad de uso y a
Microsoft Office

Implemen-
tación
simple

Implementación
sencilla mediante
interoperabilidad
y extensibilidad



Audio, video, y
conferencias
web.



Presencia y
mensajería
instantanea



Telefonía y
voz

Hands On

Configuración del Espacio en Office 365

Creación de un espacio de prueba en Office 365 preview

Office 365 Enterprise Preview

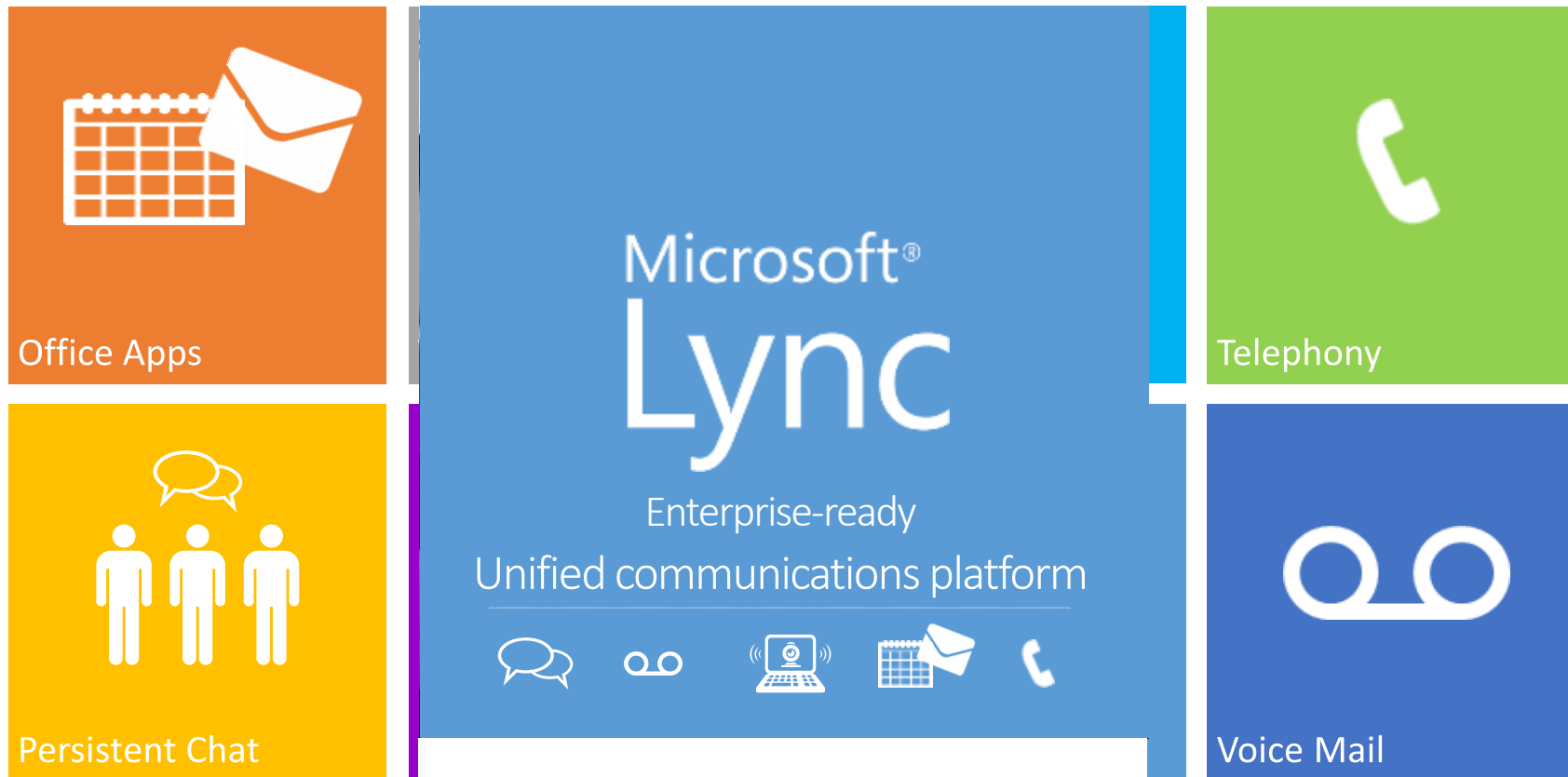
Consiga beneficios empresariales de servicios proporcionados por SharePoint, Exchange y Lync, combinados con la productividad de Office 365 ProPlus.

<http://go.microsoft.com/fwlink/p/?linkid=257731>

Lync 2013...

Applications used everyday

Microsoft unified communications



Multiparty HD video gallery & H.264 SVC support

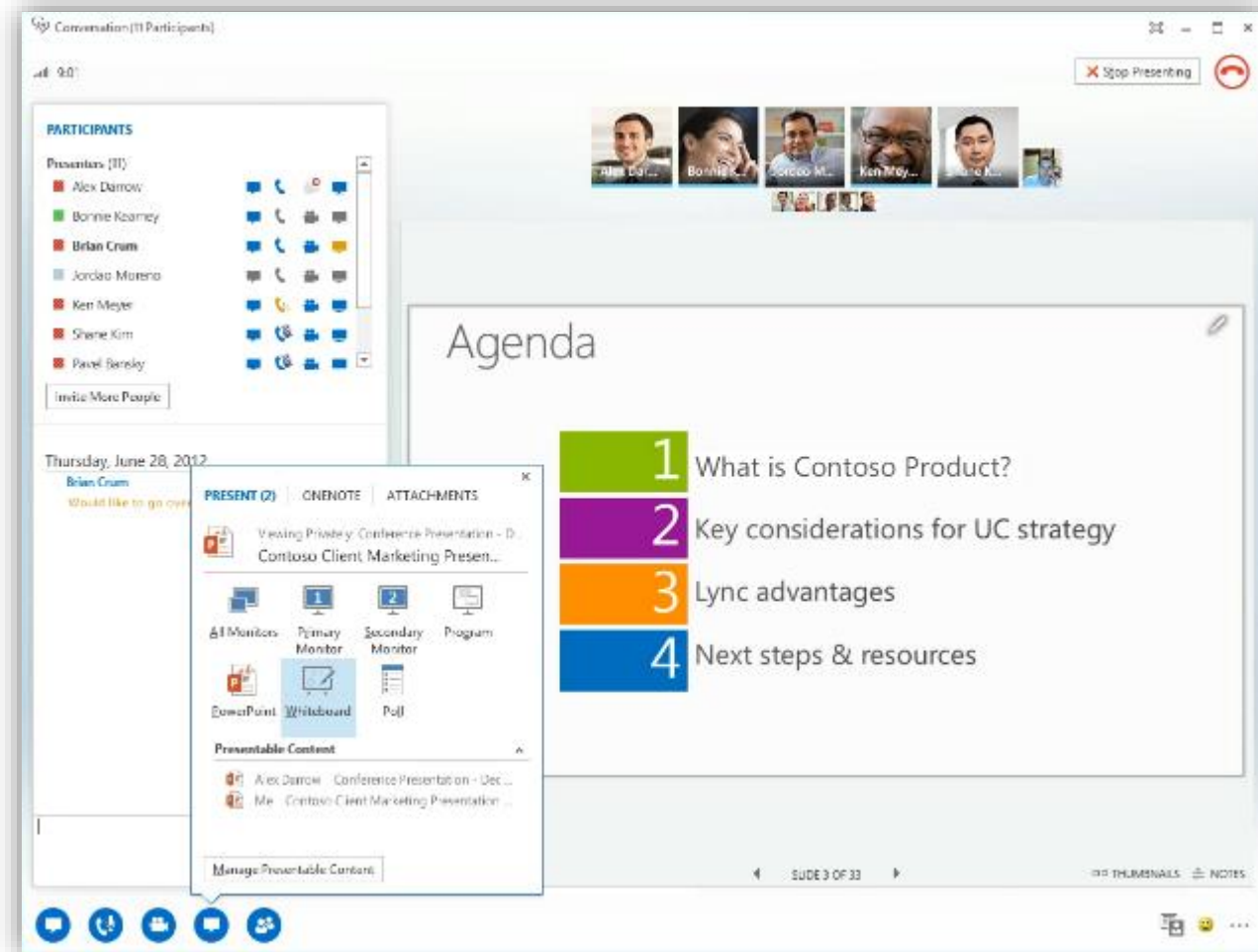
Multiparty HD
video and
content sharing



Enable great meeting experiences & collaboration

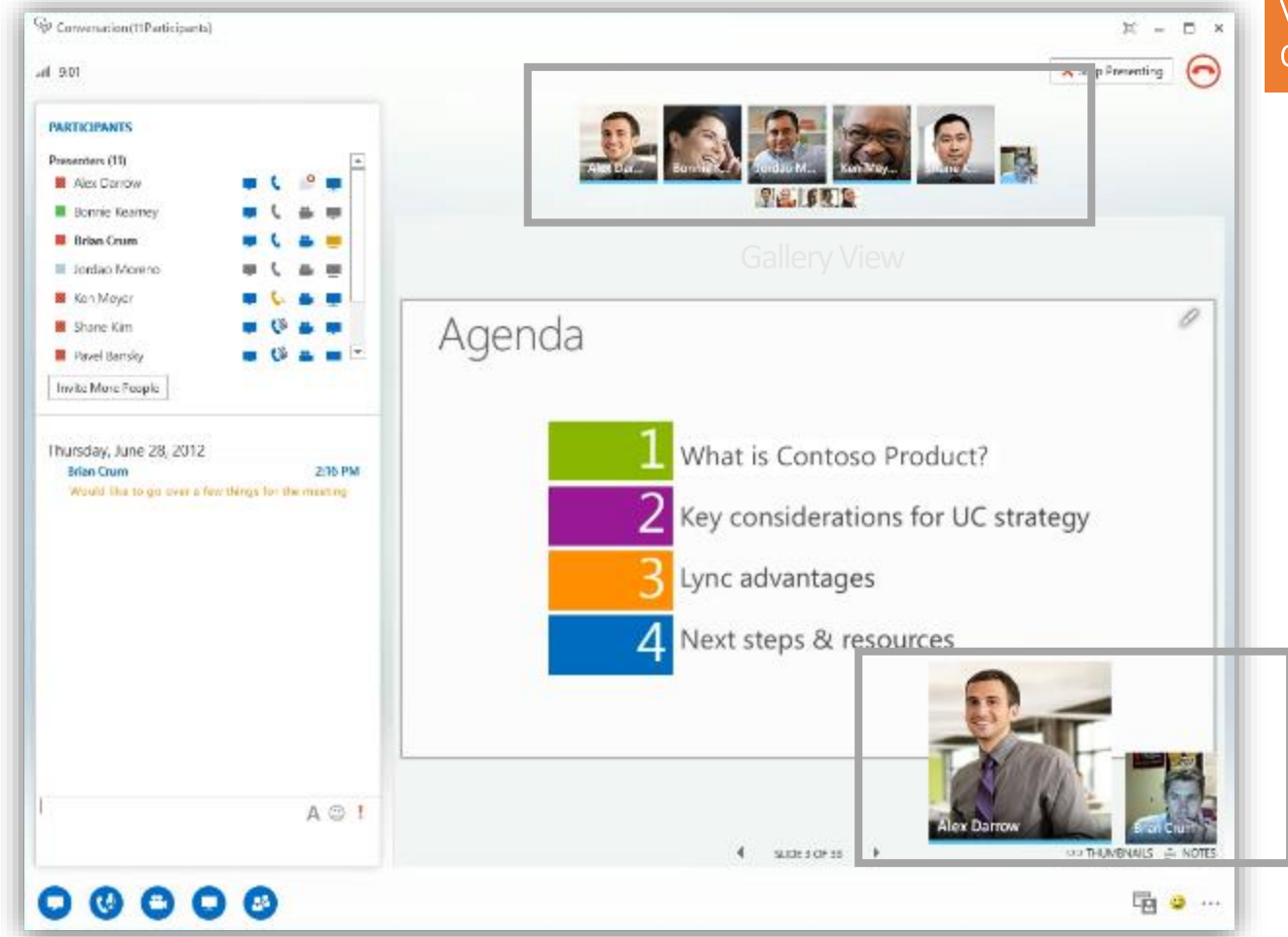
Presenter controls to optimize for meeting type

Multiparty HD video and content sharing



Enable great meeting experiences & collaboration

Participant selected views of content and people



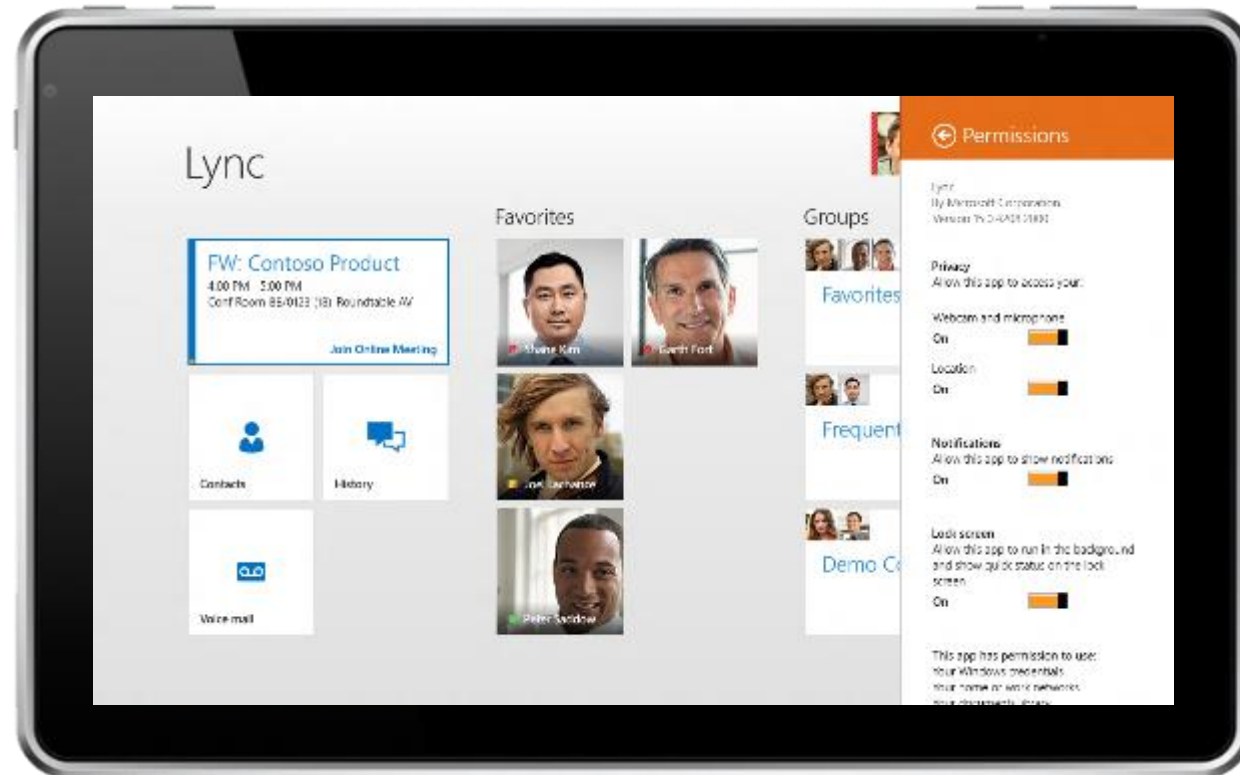
Multiparty HD
video and
content sharing

Speaker View

Enable great meeting experiences & collaboration

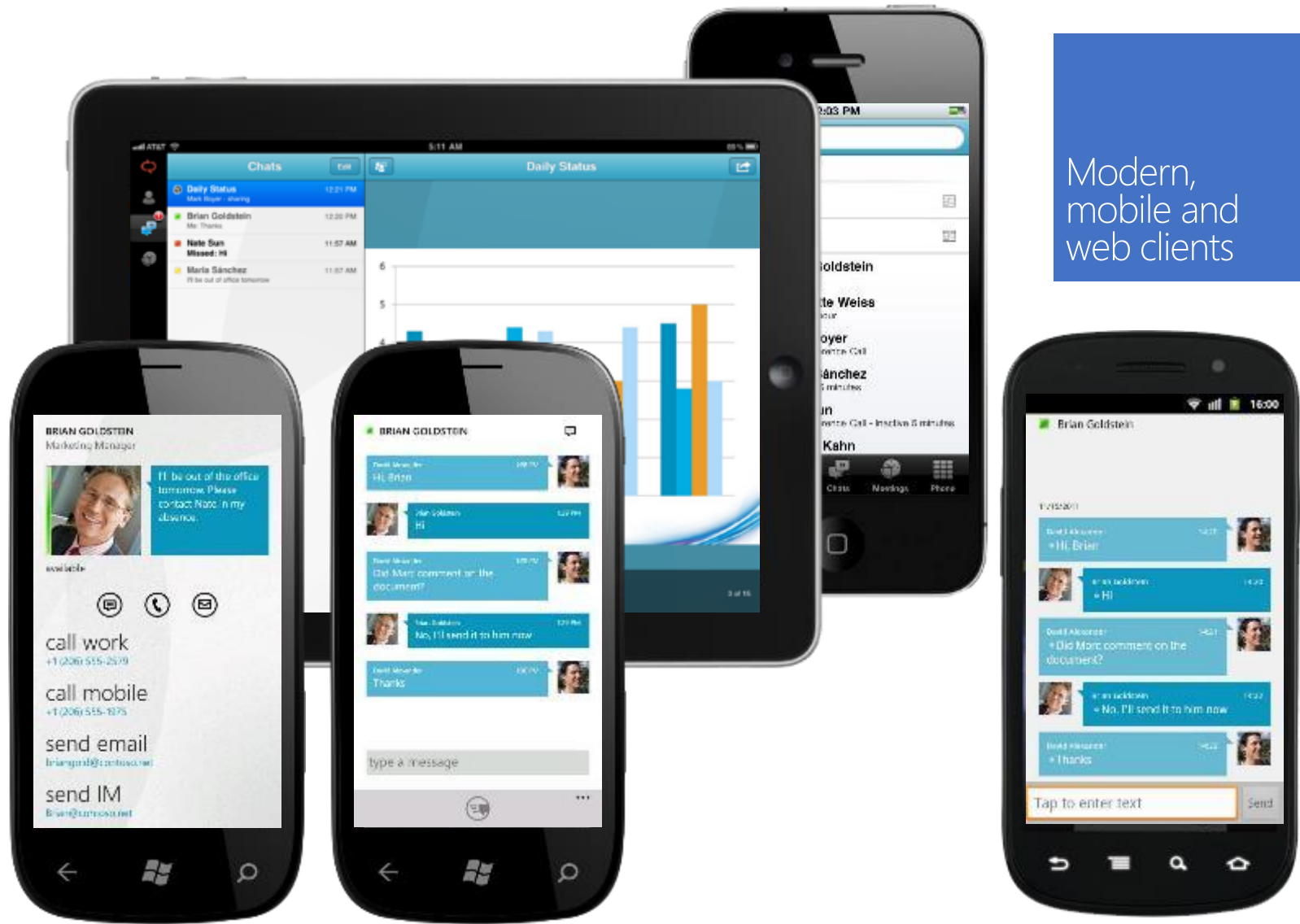
Lync optimized for an immersive Windows 8 experience

Modern,
mobile and
web clients



Lync is familiar and engaging, across a variety of devices and platforms

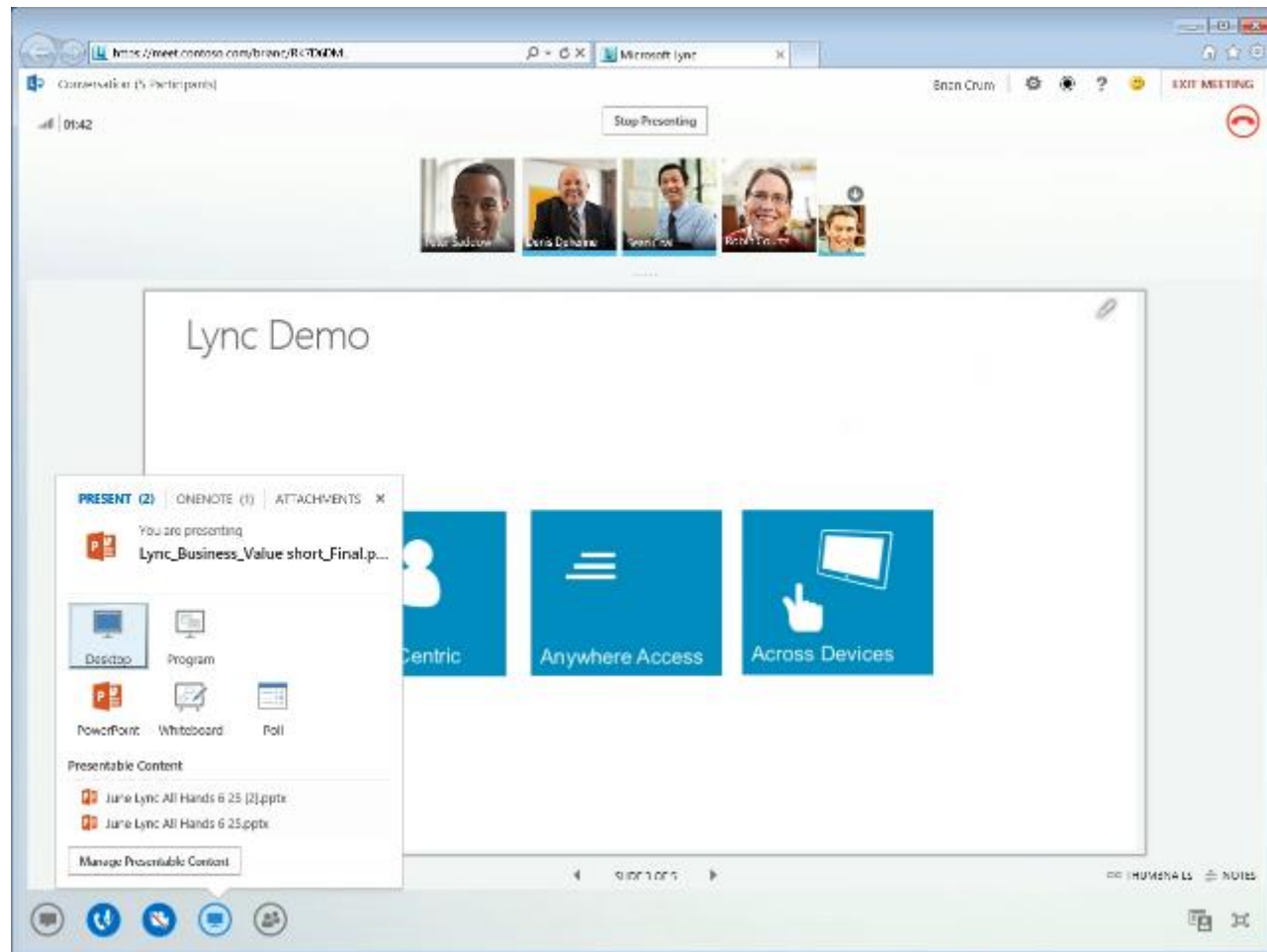
Mobile client experiences designed for the device



Lync is familiar and engaging, across a variety of devices and platforms

Lync Web App for browser access to Lync Meetings

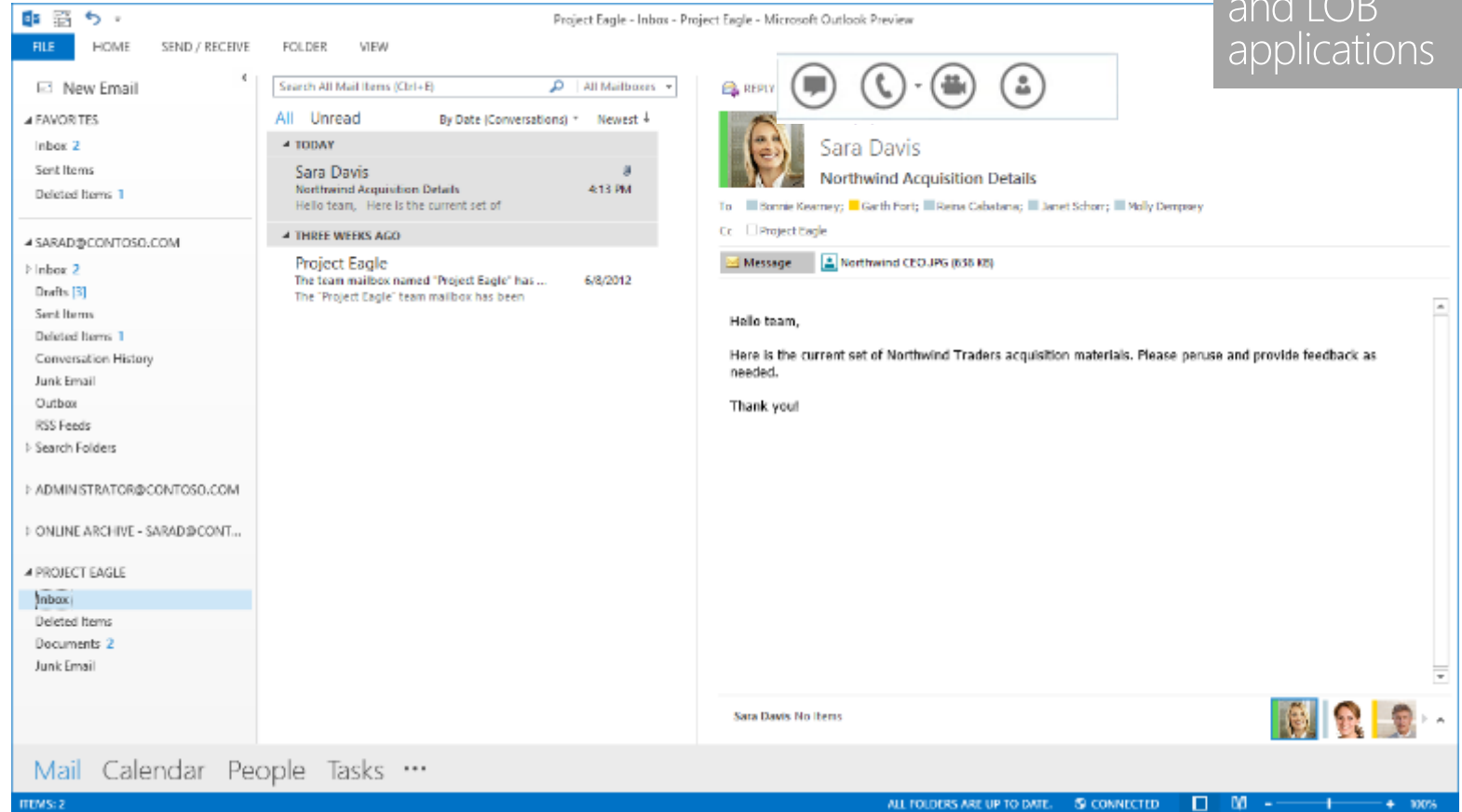
Modern,
mobile and
web clients



Lync is familiar and engaging, across a variety of devices and platforms

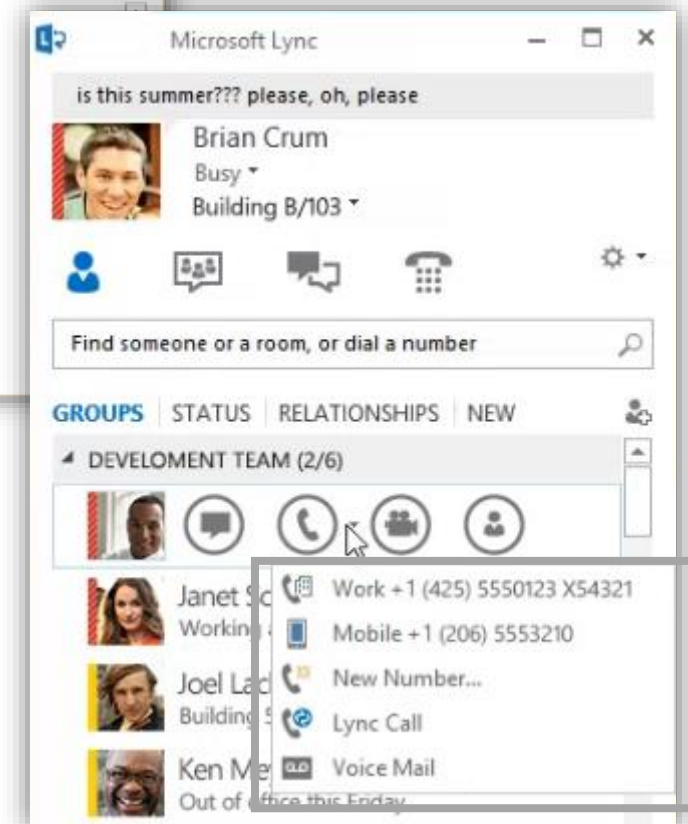
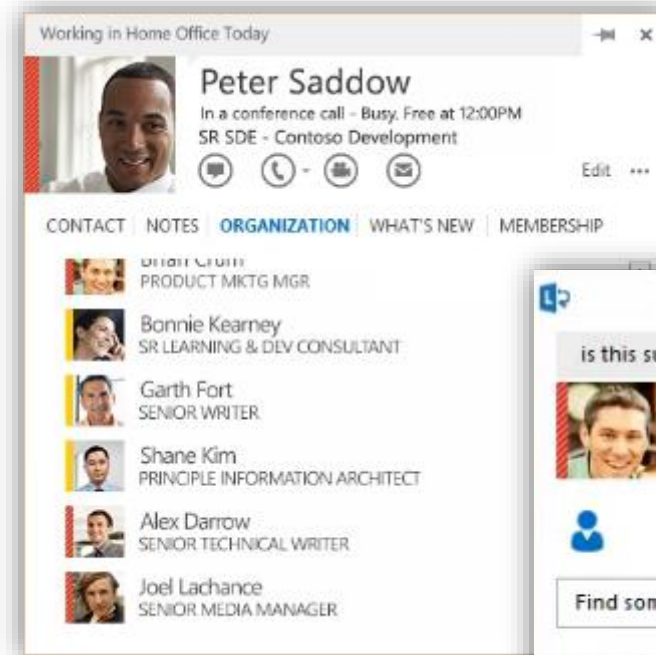
Communicate directly from Office apps

Integration across Office and LOB applications



Connect people, communications and the applications they use everyday

Single identity and shared contact card



Integration
across Office
and LOB
applications

Connect people, communications and the
applications they use everyday

OneNote share, accessible directly from a Lync Meeting

Integration
across Office
and LOB
applications

The screenshot displays a Lync Meeting window. The main content area shows a slide titled "Agenda" with four numbered items, each preceded by a colored square: 1 (green) "What is Contoso Product?", 2 (purple) "Key considerations for UC strategy", 3 (orange) "Lync advantages", and 4 (blue) "Next steps & resources". The bottom of the window features a Lync toolbar with icons for chat, mute, video, and other controls. On the right side, a sidebar is open, displaying "Demo Meeting" details for Tuesday, November 06, 2013, at 2:55 PM. The sidebar includes sections for "Time and Location", "Participants" (listing users like Steve Chen, Kimberly Karmol, etc.), "Content" (showing a OneNote link), "Outlook Message", "Attachments", and "Notes" (listing discussion topics A, B, and C).

Connect people, communications and the
applications they use everyday

Lync + Skype



Federating Business & Consumer Worlds with Skype and Lync

Business
to
Business

Business
to
Consumer

Employee
to
Family



Communicate with hundreds of millions of
people with presence, IM and voice

Skype by numbers

200m

connected
users

30m

concurrent users

20%

of international calling minutes (combining
PSTN and Skype-to-Skype) are Skype-to-Skype
minutes

X2

growing twice as fast
as the world's population

43%

of all Skype-to-Skype
minutes include video

207bn

minutes of video and voice minutes



High fidelity A/V capabilities

- SILK super wideband audio codec
- Interoperability with industry standard H.264 video codec

Lync + Skype Scenarios



Business to Business

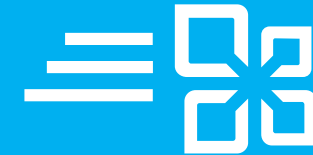
*Collaborating
Without Constraints*

Business to Consumer

*Making
Businesses
More Human*

Employee to Family

*Supporting Familiar
Tools*

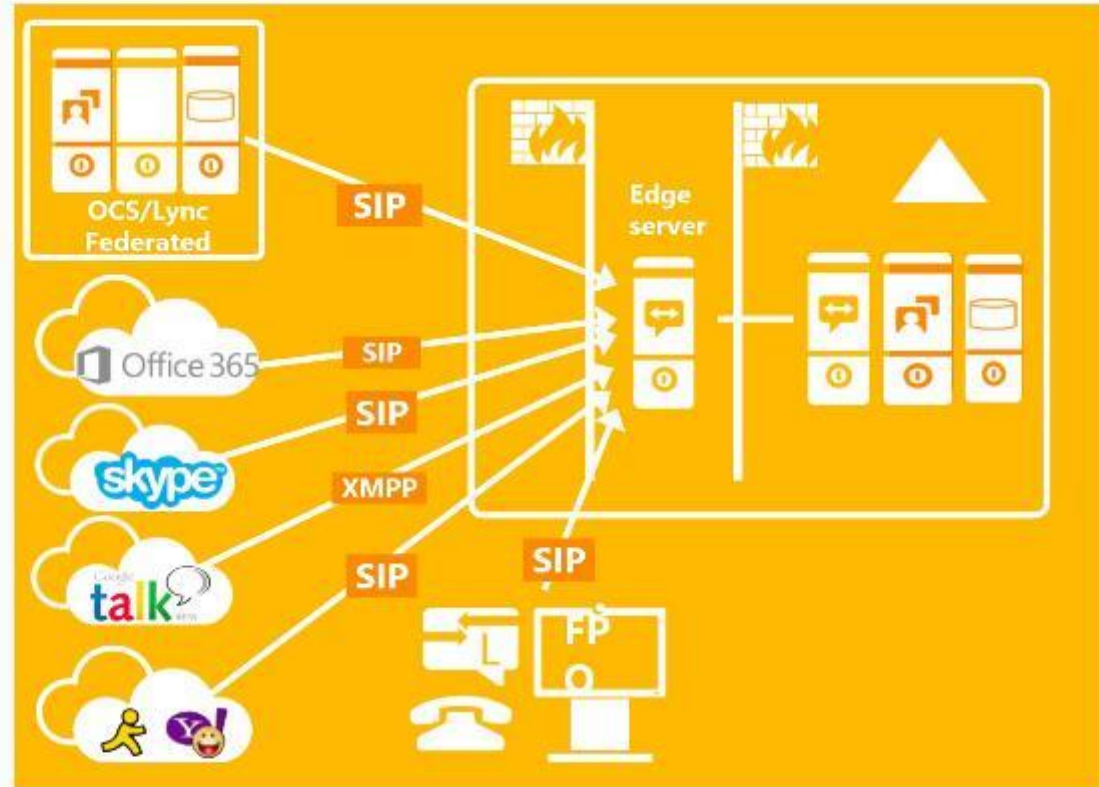


Enable rich communication with billions of people from business-grade tools

- Federation with IM, Presence, Voice, Video
- Contact integration
- To any device: PC, Mac, mobile, slate

Skype, federation & remote access

Extend reach with open federation.
Anywhere access.
Rerouting and resiliency for WAN.
Interoperable with third parties.



Hands On

Recursos

Lync on Microsoft.com <http://lync.microsoft.com>

Lync on TechNet <http://technet.microsoft.com/en-us/lync>

Lync Technical Resources (Developer) <http://msdn.microsoft.com/en-us/lync/gg394186>

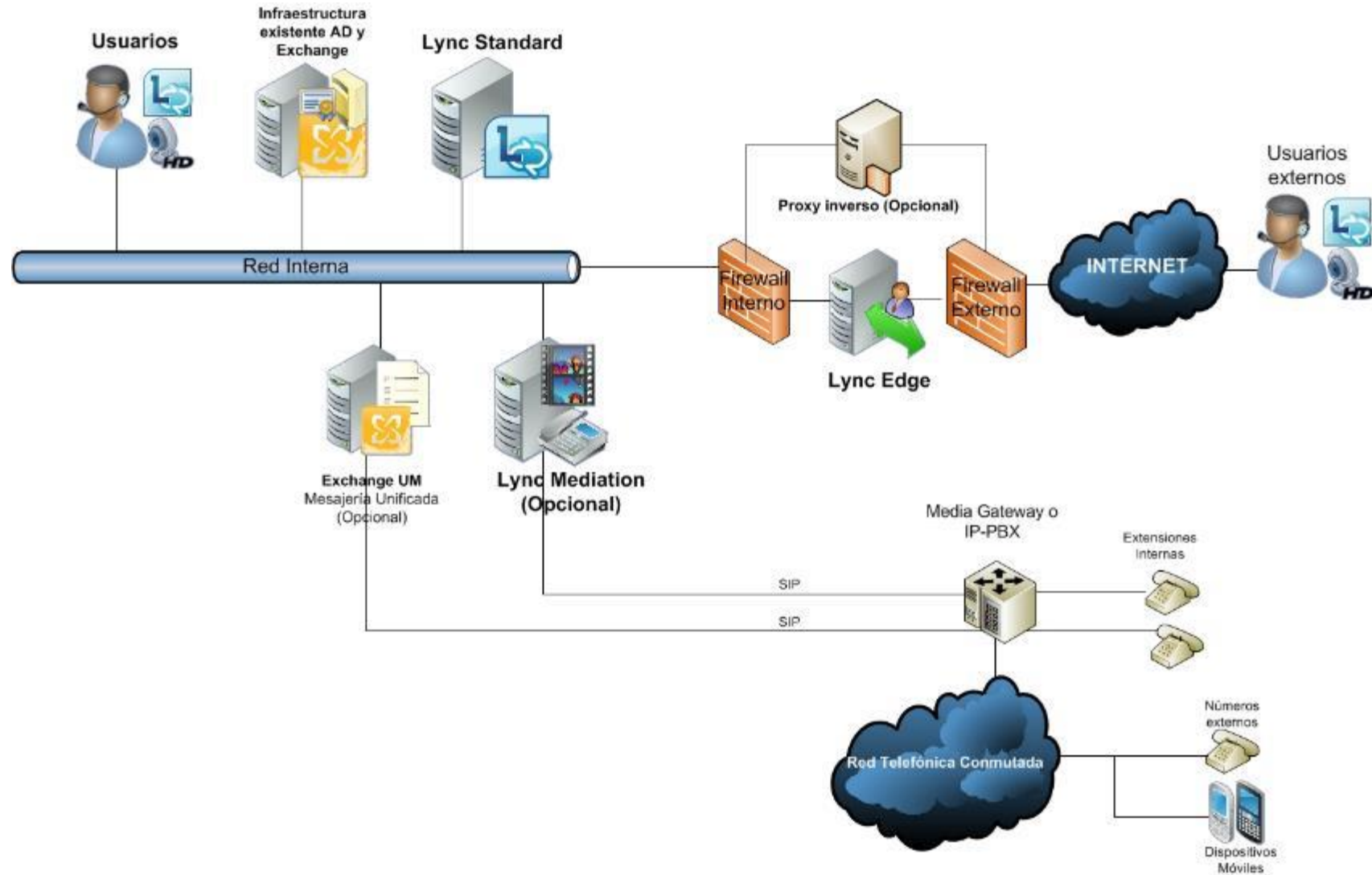
Case Studies <http://lync.microsoft.com/en-us/why-choose-lync/Pages/case-studies.aspx>

The Microsoft logo is displayed in a white, bold, italicized sans-serif font against a solid blue background. The word "Microsoft" is followed by a registered trademark symbol (®).

Microsoft®

Appendix...

Arquitectura



Requisitos: Hardware

FASE 1: Núcleo de servicios Lync

- 1 servidor Lync Standard

FASE 2: Telefonía IP

- 1 servidor Lync Mediation (**OPCIONAL**)
- 1 servidor Exchange UM (si queremos Mensaj. Unif.)

FASE 3: Acceso externo

- 1 servidor Lync Edge
- 1 servidor Proxy inverso (**OPCIONAL**)

Requisitos: Hardware

- Servidores Lync Standard y Lync Edge

Hardware component	Minimum requirement
CPU	One of the following: 64-bit dual processor, quad-core, 2.0 gigahertz (GHz) or higher 64-bit 4-way processor, dual-core, 2.0 GHz or higher
Memory	16 gigabytes (GB) recommended / 12 GB Edge
Disk	Local storage with at least 72 GB free disk space on a 10,000 RPM disk drive / 30 GB Edge
Network	2 network adapters, each 1 gigabits per second (Gbps)

- Servidor Exchange UM

Hardware component	Minimum requirement
CPU	• Dual processor, quad-core 2.0 GHz+ • 4-way processor, dual-core 2.0 GHz+
Memory	8 GB
Disk	Local storage with at least 30 GB free disk space
Network	2-port 1 Gbps network adapter

Requisitos: Hardware

- Los servidores Lync se pueden virtualizar
- Máquina «HOST»

Hardware component	Minimum requirement
CPU	8 cores
Processor (recommended)	2.27 Gigahertz processor recommended for best performance
Memory	16 gigabytes (GB)
Disk	SAS drive with at least 500 GB
Network	Two 1 gigabit per second (Gbps) network adapters (for details, see information later in this topic)

Requisitos: Directorio Activo

- **Controladores de dominio:** Windows 2003, 2003 R2, 2008, 2008 R2
- **Nivel funcional:** Windows 2003, 2008 ó 2008 R2
- **Preparación del Directorio Activo:**
 - **Schema Prep:** Extensión del esquema
 - Ejecutar en dominio con Schema Master
 - Permisos: "Schema Admin"
 - **Forest Prep:** Configuración global y grupos de seguridad.
 - Ejecutar en dominio raíz
 - Permisos: "Enterprise Admin" o "Domain Admin" en el dominio raíz
 - **Domain Prep:** Asigna permisos.
 - Ejecutar en todos los dominios con usuarios y/o servidores Lync
 - Permisos: "Enterprise Admin" o "Domain Admin" en el dominio donde se ejecuta

Otros requisitos

- **DNS**
- **PKI**
- **RED**
 - Conectividad LAN
 - Ancho de banda:

Media	Minimum bandwidth (Kbps)	Average bandwidth (Kbps)	Maximum bandwidth (Kbps)
Peer-to-Peer Audio	40	60	90
Audio Conference	40	95	160
Audio Using Media Bypass	80	95	160
Video (CIF)	50	210	250
Panoramic Video	50	280	350
Video (VGA)	350	500	600
Video (HD)	800	1200	1500

Requisitos: Puestos cliente

- **Sistema Operativo:** Windows XP SP3, Windows Vista o Windows 7
- **Software:**
 - Cliente Lync 2010
 - Office: 2003 SP3, 2007 ó 2010
 - Microsoft Silverlight

- **Hardware:**

Hardware component	Minimum requirement
CPU	Intel Pentium 4, AMD Athlon 64, or equivalent Data and voice: 1.6 gigahertz (GHz) or higher processor, 2 GHz 32-bit or 64-bit processor (recommended) For video: Dual Core 1.9 GHz processor or higher for VGA, Quad Core 2.0 GHz or higher for high definition For the Microsoft RoundTable conferencing device: 2 GHz processor or higher
Memory	On Windows XP : 1 GB of RAM On Windows Vista or Windows 7 : 2 GB of RAM
Display resolution	1024x768 required
Graphics hardware	• Support for Microsoft DirectX 9.0 application programming interface (API) • 128 MB of graphics memory (minimum)
Video source	USB 2.0 video camera or RoundTable device