Integrating NEC and
Microsoft technologies
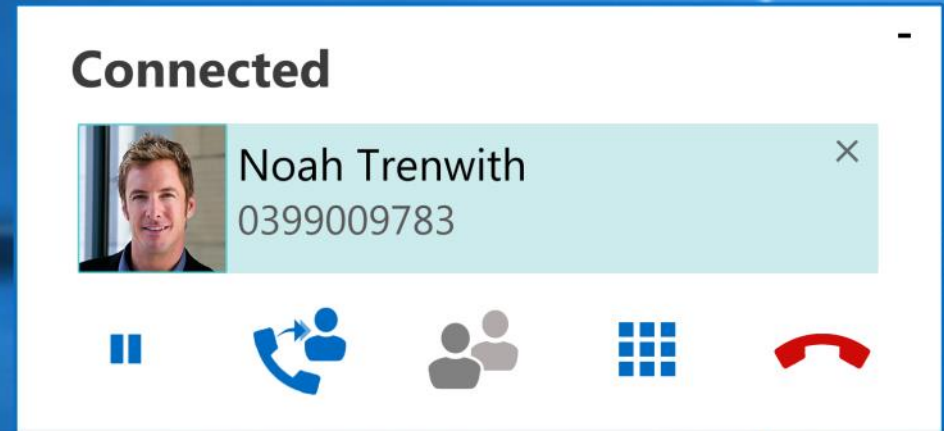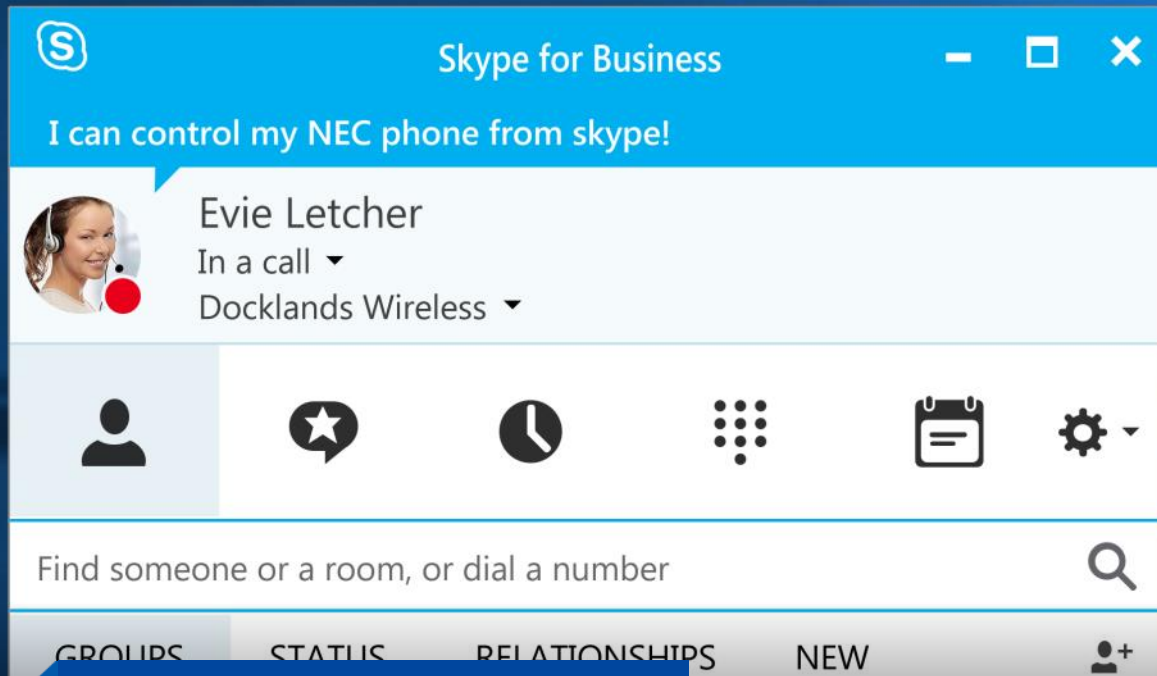
Contents

Unify **your communications**

Empower your employees with a seamless communications solution

You've invested in NEC communications technology and it has proven itself by delivering all of the telephony features your company has demanded, reliably and efficiently. You've also invested in Microsoft Lync or Skype for Business to leverage its tight integration into Microsoft's suite of Office applications. Why not take it one step further and bring these technologies together?

Leverage the best of both worlds and provide your users a seamless communications solution that will improve their efficiency and allow them to communicate more effectively with colleagues, partners and customers.

Why integrate?
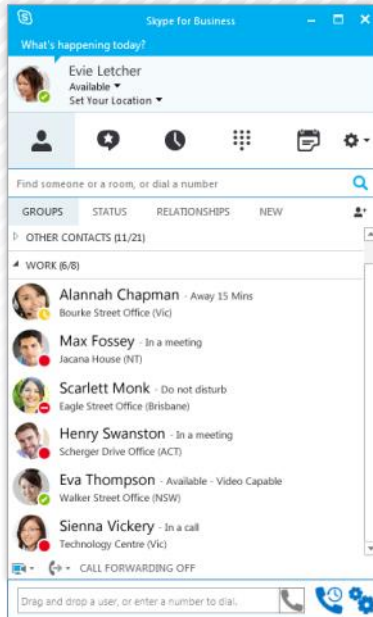
Stay in contact with click-to-dial

Know when the person you want to talk to is available and not on the phone

Telephony integration without the need to purchase Skype for Business Plus licences

Leverage your existing investment in UC equipment

Stay in contact with people inside and outside your organisation

Your staff can have total control over their desk phone directly from their computer. They simply click-to-dial from a myriad of Microsoft applications, they will know who is calling with screen pops and can manage any call with on screen controls allowing them to answer calls, place calls on hold, dial digits, transfer calls and enter a conference.

With Skype for Business employees will also be able to hold immersive collaboration sessions with people inside or outside the organisation, and people can join from virtually any device, PC's, smart phones, mobiles or even a home phone – which could save your organisation money on third party conferencing services.

The benefit of an integrated solution

> **Integrated directory** – You can lookup contacts from your corporate directory or your Outlook contacts complete with associated profile pictures.

> **Real-time presence** – You can instantly see who is available to communicate with by looking at the simple colour coded icons - you will even know if they are currently on the phone, making communication fast and simple.

> **Collaborate** – With Skype for Business your staff can hold multi-party audio and video conferences where they can share content in real time, inviting people inside or outside your organisation straight from Outlook. With NEC integration participants can dial in from any phone, or have the conference call them.

> **Click to call** – Never type a number to call again, look up the person you want to call and simply right click or drag and drop to initiate the call.

> **Send instant messages** – Send messages to a single person or to a group and chat in real time. With federation it is possible to integrate your IM and presence with others outside your organisation, so you can see if your business partner or customer is available to communicate.

> **Call handling** – Know who is calling you on your desk phone with contact details and a picture in a handy popup. Simply click to answer the call, then take control with an intuitive on screen call control window.

Rich conferencing
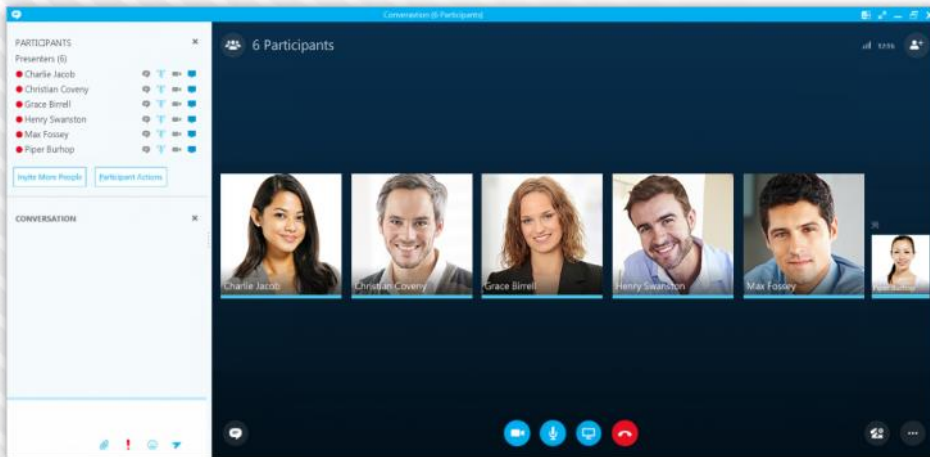
Skype for Business allows your employees to hold rich collaboration sessions, sharing voice, video, files and applications in real-time.
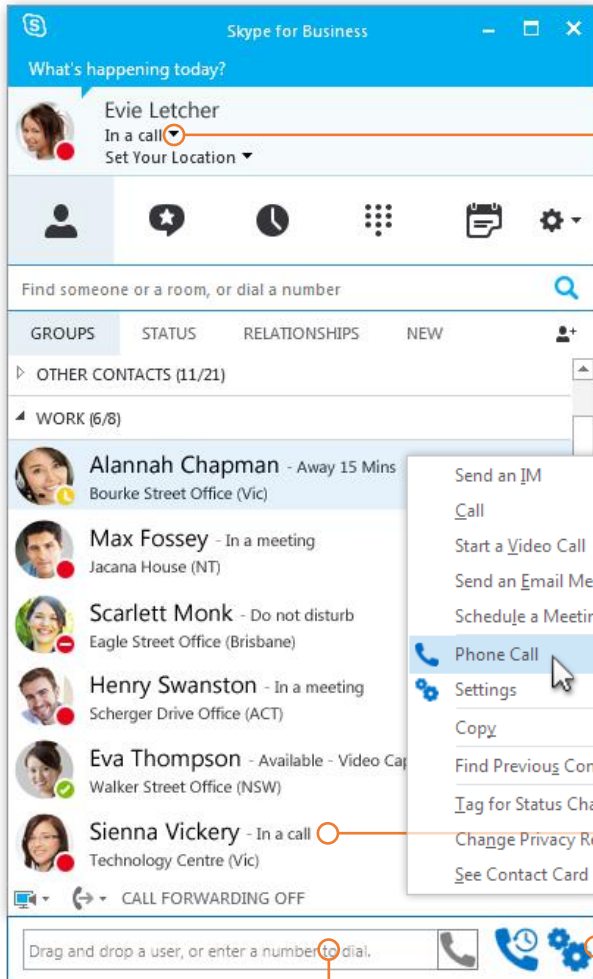
It is an invaluable tool to allow your staff to share ideas and knowledge with people both inside your organisation and people outside your organisation.

NEC's UG30 voice gateway allows you to extend this capability by having staff and people outside your organisation join meetings from any phone. When joining a meeting staff members are offered the option of being called on their desk phone, or they can easily join by dialling a predefined number and entering a conference ID.

By integrating your Skype for Business and NEC phone systems you could save money by no longer using expensive external audio conferencing services.

Skype for   UG30   SV9300 / SV9500   Internal phones

External Callers
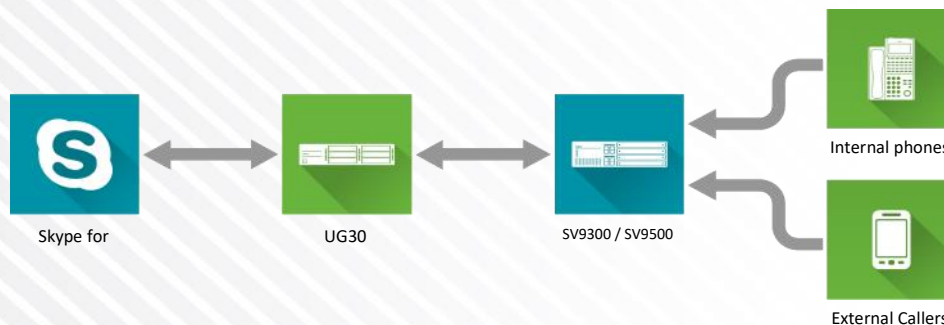
Total control on your desk phone

Tell others you're on the phone
Automatic phone presence

Right click a contact to call

See when people are on a call

Call history / Settings

Make calls
Dial numbers | Drag & Drop

Always have the right number

When calling you are presented with a list of numbers for the contact, derived from your corporate directory and your personal Outlook contacts.
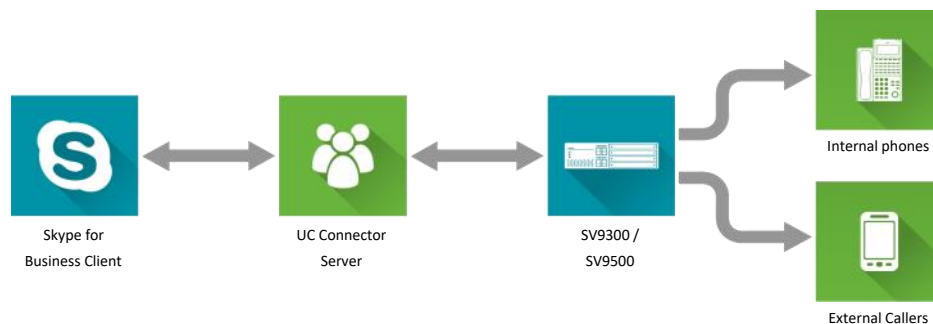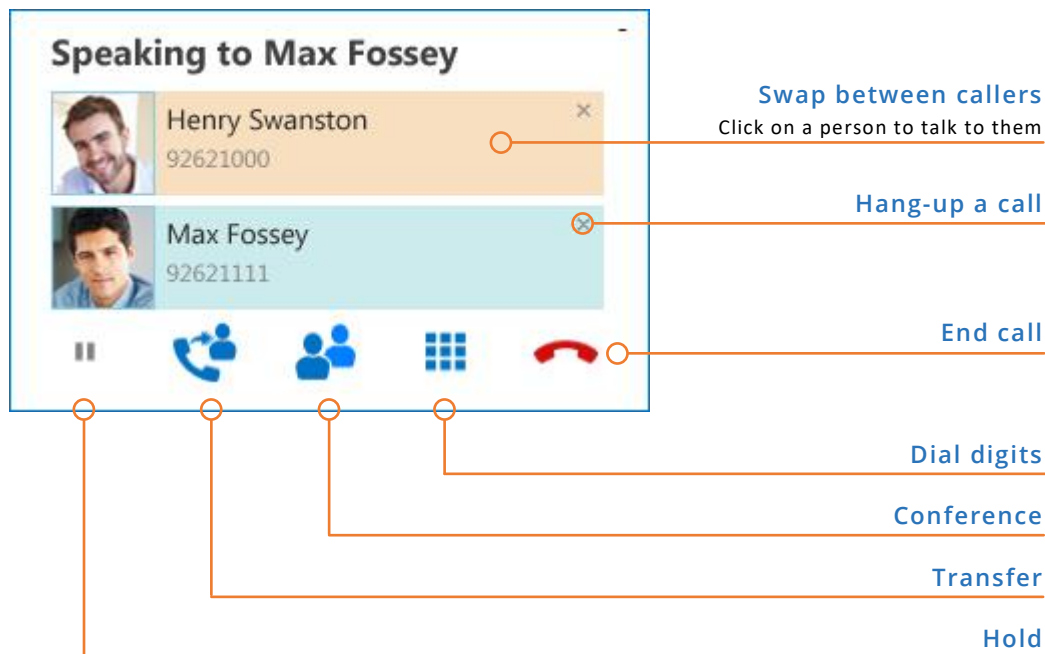

Know who's calling

When someone calls your desk phone a screen pop will provide the callers photo, name and number. Simply click the phone icon to answer the call.

While on a call
You have total control over your NEC desk phone

Speaking to Max Fossey

Henry Swanston
92621000

Max Fossey
92621111

Swap between callers
Click on a person to talk to them

Hang-up a call

End call

Dial digits

Conference

Transfer

Hold

Skype for
Business Client

UC Connector
Server

SV9300 /
SV9500

Internal phones

External Callers

NEC's UC Connector was designed to be simple to use yet provide you with the features you need to manage your daily communications.

You are always in control of your calls - you can click-to-dial directly from the Skype for Business interface, Microsoft Outlook and even directly from links on the web*.

Incoming call pops mean you know who is calling and if you miss a call the Unified Communications Connector will let you know.

A list of all missed, made and received calls (complete with the caller's name and photo) is just a click away.

When you are on a call, a small window pops up to allow you to control the call (Hold, transfer, conference, swap between callers and hang up the call).

UC Connector will change the way you communicate regardless if you are using an NEC IP or a traditional desk phone.

* Links from the web need to follow the 'Callto' URI format

Specifications / Requirements

Conferencing Gateway (UG30)

Specifications	
Voice channels	64 channels per gateway. Maximum of 4,096 channels per system
Encoding	G.711, G7.29a
Quality of service	VLAN, DiffServ, IP precedence
Caller ID	Up to 16 digits (8 digits from SV8300 / SV9300 to Lync)
Caller name	Up to 16 characters
Supported platforms	SV9300 V2, SV9500 V1, Microsoft Lync 2013, Skype for Business

Physical conditions	Rack mounted	Non rack mounted
Operating temperature	0°C ~ 40°C (Internal cooling fan)	
Humidity	10 ~ 90% RH (non-condensing)	
Weight	8.2 kg	4.5 kg
Width	430 mm (Designed for a 19" rack)	369 mm
Height	88 mm (2RU)	220 mm
Depth	409 mm (without front cover)	115 mm
Power	Standby: 96W, Maximum: 120 W	

UG30 is not supported when the phone system is configured as a Hotel system.

Desk phone integration (UC Connector)

Desktop PC	
Operating System	Windows 7 or later - Direct X 8.1 or later
CPU	1.5 GHz Pentium 4 or higher
Memory	1 GB or more
HDD	170 MB or more free

Communication Servers	
Telephony Server	SV9300 V3 or later, SV9500 V2 or later
Unified Communications Server	UCE 2015 or later
Skype for Business	Lync Server 2010, Lync Server 2013, Skype for Business, Office 365

For more information, visit au.nec.com, email contactus@nec.com.au or call 131 632

Australia	Corporate Headquarters (Japan)	North America (USA)	Asia Pacific (AP)	Europe (EMEA)
NEC Australia Pty Ltd	NEC Corporation	NEC Corporation of America	NEC Asia Pacific	NEC Enterprise Solutions
au.nec.com	www.nec.com	www.necam.com	www.nec.com.sg	www.nec-enterprise.com

About NEC Australia. NEC Australia is a leading technology company, delivering a complete portfolio of ICT solutions and services to large enterprise, small business and government organisations. We deliver innovative solutions to help customers gain greater business value from their technology investments. NEC Australia specialises in information and communications technology solutions and services in multi-vendor environments. Solutions and services include: IT applications and solutions development, unified communications, complex communications solutions, network solutions, display solutions, identity management, research and development services, systems integration and professional, technical and managed services.

Microsoft Integration | v.20180702