Polycom® KIRK® Microsoft® Lync™ Interoperability

Polycom® KIRK® offers the first-ever professional DECT multi-cell solution that directly interoperates with Microsoft® Lync™ Server 2010, which will simplify your administration and reduce costs.

With the KIRK DECT solution, Polycom offers the first-ever professional multi-cell DECT solution with direct interoperability to Lync Server 2010. The KIRK solution is an expandable add-on solution that can be customized to your exact wireless needs. The KIRK DECT solution's direct Microsoft Lync interoperability ensures simple installation and administration.

What is Direct Interoperability?
Direct Interoperability means that your KIRK DECT solution will register directly into Lync Server 2010. Thus, you no longer need a gateway in order to connect to Microsoft UC environments. The KIRK solution is the first multi-cell DECT solution with direct interoperability to Lync Server 2010.

Simplify Your Administration
With the KIRK Microsoft Lync Interoperability you will experience an improved and optimized IT-administration. Increased flexibility and streamlined administration enables IT-departments to centrally administer, modify, and control the entire DECT solution. Thus, you will benefit from faster deployment, reduced complexity, and greater system control.

Business Benefits
The benefits of choosing a KIRK DECT solution integrated with Microsoft are plentiful. The direct interoperability ensures easy installation and an accelerated ROI as a gateway is no longer needed and your PBX maintenance charges are eliminated. Experience an optimization of the daily workflow as the simplified IT-administration provides a better overview of your entire solution. Furthermore, the KIRK Butterfly Handset Series and the KIRK 50-, 60-, and 70-Handsets Series allow you to add specialized vertical workplace mobility to your Microsoft UC solution. Finally, the KIRK DECT solution enables your employees to be mobile but always accessible. Use your Microsoft® Lync™ 2010 client to communicate with any subscribed KIRK Handset and reach your employees with the information they need - where they need it.

Polycom and Microsoft – A Strong Partnership
Polycom and Microsoft have formed a strong partnership, which you can benefit from. Microsoft and Polycom continue to invest in product development and go-to-market initiatives to deliver high-quality UC options for customers, with rich integration across the Microsoft and Polycom portfolio. They provide a seamlessly interoperable UC solution for voice, video, conferencing, and collaboration, giving customers a choice through the scalable Polycom infrastructure and Microsoft Lync™ platform. Learn more at www.polycom.com/microsoft.

Benefits

- **Direct Interoperability**. The Polycom KIRK DECT solution interoperates directly with the Lync Server 2010 without gateways in order to make it easy to deploy and manage your solution

- **Vertical Mobility**. Add vertical specialized mobility for office, manufacturing, and healthcare environments to your Microsoft UC solution

- **Reduce Costs**. As the KIRK DECT solution interoperates directly with the Lync Server 2010, your PBX maintenance and support charges are eliminated

- **Simplified UC Management**. Increased flexibility and streamlined administration by enabling IT-departments to centrally administer, modify, and control the entire solution

- **Leverage Investment**. Add Polycom KIRK to existing Microsoft UC environments

- **Simple**. Natural, intuitive interfaces accelerate user adoption and increase communication

Polycom® KIRK® Products Interoperating with Microsoft

The KIRK Microsoft Lync Interoperability is supported on the KIRK Wireless Server 6000 and by the KIRK Butterfly Handset Series and the KIRK 50-, 60-, and 70-Handset Series.

KIRK Wireless Server 6000
- Direct interoperability with Lync Server 2010
- Extremely scalable add-on solution that supports up to 4,096 wireless users
- Redundancy can be deployed as a load-balancing cluster of two servers with automatic fail-over

KIRK Butterfly Handset Series
- Designed for administrative working environments
- Combines stylish design and usability with high quality voice
- Large color screen and intuitive menu

KIRK 50-Handset Series
- Designed for administrative working environments
- Feature-rich and robust handsets
- Headset connection - wired (KIRK 5020) or Bluetooth (KIRK 5040)

KIRK 60-Handset Series
- Designed for the manufacturing vertical and personal safety
- The ruggedized and IP64-compliant handsets are resistant to dirt, dust, and splashing water
- Headset jack with amplifier for industrial headsets
- The tear-off string, alarm button, and motion detectors improve the safety of lone workers

KIRK 70-Handset Series
- Designed for the healthcare vertical and personal safety
- The handsets are robust, dust protected, and resistant to splashing water, vibrations, and shocks
- Resistance to disinfectants and an easy-clean membrane keypad reduce the risk of spreading bacteria
- The tear-off string, alarm button, and motion detectors improve the safety of personnel at risk

Technical Specifications

The KIRK Microsoft Interoperability interoperates directly with Microsoft® Lync™ Server 2010.

We recommend a maximum 1,000 users per KIRK Wireless Server 6000 when connected to Lync for optimal performance. The limited number of users is caused by the amount of traffic sent from Lync to the KIRK Wireless Server 6000.

Supported Features:
- SIP User Authentication via Trusted Server or NTLM
- Telephony features:
    - Call hold
    - Call transfer
    - Call forward
    - Call waiting
    - Message Waiting Indication (MWI)
    - Redial from Call log
    - Call logs (missed/received/placed calls)
    - Call completed elsewhere

- Ad hoc conferencing. Enables users to participate in conference calls
- Centralized phone book via Active Directory and LDAP
- Supported codecs: G.711, G.726, and G.729AB (codec module required)
- SBA - Survival Branch Appliance - enables users to continue placing and receiving calls in a remote branch during WAN failure
- CAC - Call admission control - protects the network against oversubscription
- ICE - Interactive Connectivity Establishment
- Media Bypass
- Supports federation with users on Microsoft® Office Communication Server 2007 R2 devices
- Basic Presence. In the Microsoft® Lync™ 2010 client you will be able to see the presence status of each subscribed KIRK Handset as either "Available ","Inactive", "Away", or "In a call". *Note*: An initial log-in to a Lync client with each DECT user is required in order to activate presence.

Transport Protocols:
- TLS (Transaction Layer Security) SIP over TLS. To use TLS as transport protocol a Certificate Authority (CA) certificate is needed.
- SRTP (Secure RTP) is required as transport protocol for external media streams for the KIRK Microsoft Lync Interoperability to fully function. For maximum security, SRTP can be enabled for internal media streams.

Please note, the security features of SRTP limit the number of simultaneous calls:
- KIRK Wireless Server 6000: from 32 to 16 simultaneous calls
- Media Resource: from 32 to 16 simultaneous calls
- G729 Codec Card: from 24 to 16 simultaneous calls
- KIRK IP Base Station: from 11 to 6 simultaneous calls (only if internal SRTP is enabled)

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