

DECT Infrastructure Portfolio

The cost effective and flexible in-building wireless solution



The Spectralink DECT Server Series includes a range of wireless servers for businesses of all sizes. The Spectralink DECT Servers are flexible and scalable solutions that can easily integrate with your phone systems (on-premise and hosted/cloud calling/UCaaS platforms supported) and alarms/messaging platform. Running on open standards, the Spectralink DECT servers can integrate with a long list of third-party applications and can be customized to your business need.



Spectralink Virtual IP-DECT Server One

- Can fulfill in-building wireless telephony needs of up to 16,000 mobile employees plus supports radio coverage with up to 4,096 IP-DECT Base Stations
- The first software-only IP-DECT architecture to enable flexible connections to central or distributed enterprise sites over WAN or Internet
- Interoperable with market-leading Call Control / Unified Communications (UC/ UCaaS) platforms
- Redundancy makes it possible to deploy a Spectralink Virtual IP-DECT Server One solution as a load-balancing cluster of two servers with automatic failover increasing High Availability
- Provides branch survivability if the connection with the host UC/UCaaS platform is lost
- Single centralized web portal for administration and maintenance
- Supports deployment within an enterprise data center to fit IT infrastructure



IP-DECT Server 6500

- A rack-mount version consisting of several different infrastructure elements which can be assembled per your exact telephony needs today and, in the future
- The modular add-on nature of the IP-DECT Server 6500 makes it an ideal choice for large organizations, enterprises, and fast-growing businesses
- Ideal solution for radio coverage over a large geographical area or to equip many mobile employees with wireless telephony - or both
- Equip up to 4,096 users with wireless enterprise telephony



IP-DECT Server 400

- Designed especially for small to medium-sized businesses
- It can be deployed as a single-cell or a multi-cell solution
- Supports 6 simultaneous calls & 12 wireless DECT users. With an optional expansion license, it can be upgraded to support 24 simultaneous calls and 60 users and up to 9 Spectralink IP-DECT Base Stations.
- Acts as both a radio unit and a SIP integration unit to integrate with the host SIP IP-PBX - whether on-prem or UCaaS

Benefits

- Our Servers support solutions from small businesses to enterprise systems with up to 16,384 handsets
- Compatibility with leading Call Control / Unified Communications (UC/ UCaaS) platforms
- Our Servers are scalable add-on solutions to which infrastructure elements can be added as your business grows. This ensures that your solution always matches your wireless needs
- Seamless multi-cell roaming across large sites and even different locations
- Certified to the highest level of security on the market
- Offers the opportunity to enhance features using optional license keys
- Able to migrate customers who have old legacy systems and cabling based upon Analogue and Digital moving to VOIP with also integration to cloud services and Hosted Voice platforms



IP-DECT Server 200

- Supports 12 users and 6 simultaneous calls
- Cost-effective single-cell DECT solution
- Designed for plug and play deployment leveraging Spectralink redirection services to help provide near zero-touch provisioning
- A server acting as both a radio unit and a SIP integration unit to integrate with the host SIP IP-PBX - whether on-prem or UCaaS



DECT Base Station

- 4/8 simultaneous traffic channels (32 Kbit/s)
- Option to mount External Antennas to extend coverage where needed
- Frame synchronization via the Spectralink DECT Server
- Fast and easy installation — two wired twisted pair of cables connection to the Spectralink DECT Server
- No external power required — powered from the Spectralink DECT Server directly
- Typical radio coverage distance: up to 50m indoors, 300m open space (150 to 1000 feet)

Spectralink DECT Server 8000: Digital Base Station Interface Card

- Connect to 8 Digital Base Stations using the DECT Server 8000 to increase coverage throughout the workplace



DECT Server 8000

- Designed especially for fast-growing and large organizations as a highly scalable and flexible solution
- Combines digital and SIP VoIP interfaces, which allows customers to use the two interfaces simultaneously
- Supports up to 1,024 simultaneous calls and up to 4,095 wireless users with VoIP interface
- Runs on an open interface, which allows the server to integrate with third-party applications
- Room for 1 CPU card and up to 8 interface cards. Up to 8 servers can be linked for a total of 64 slots, allowing for numerous ways of combining base station cards, analog interface card, and VoIP interface card to assemble a customized solution



Spectralink DECT Repeater

- Wireless - no cabling needed
- Create coverage in a remote area
- Expand coverage in a single cell solution
- Increase coverage in hot spot areas
- 2 or 4 speech channels



IP-DECT Base Station

- Provides the link between handsets and servers
- Supports up to 12 simultaneous traffic channels (32 Kbit/s)
- Typical radio coverage distance: up to 50m indoors, 300m open space (150 to 1000 feet)
- No external power required — powered from the PoE enabled LAN network
- Connect a Spectralink DECT Repeater and/or a Spectralink DECT External Antenna to extend the coverage
- Fast and easy installation
- Interoperates with all Spectralink DECT Servers



AMiE
ADVANCED MOBILE
INTELLIGENCE
FOR ENTERPRISES

AMiE® Advanced for IP-DECT

A cloud-based solution management platform for IT and Telecommunication Administrators to monitor IP-DECT servers, base stations, and handsets. AMiE Advanced for IP-DECT provides centralized provisioning, detailed analytics of system performance, automated and scheduled tasks, and proactive alerts when the infrastructure needs attention

About Spectralink

As an award winner in mobile technology, Spectralink has been transforming the way our customers work and communicate for 30 years. Through our determination to do extraordinary things, we enable mobile workforces and empower our customers and partners to explore what's next, what's possible. With our enterprise grade, best-in-class mobile solutions, we are with our customers wherever they work, however they need us. Our people, commitment to innovation and our passion are our foundation for success.

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