

# DECT Infrastructure Portfolio

## DECT In-Building Wireless Solution



### ONE VIP-DECT SERVER



#### VIP-DECT Server One

- Can fulfill in-building wireless telephony needs of up to 4,096 mobile employees plus supports radio coverage with up to 2048 IP-Base Stations
- Software Only IP-DECT Server Solution designed for VM hypervisor environments
- Interoperable with market leading Call Control / Unified Communications (UC/UCaaS) platforms
- Redundancy makes it possible to deploy a Spectralink VIP-DECT Server One solution as a load-balancing cluster of two servers with automatic failover increasing High Availability
- Provides branch survivability if connection with host UC/UCaaS platform is lost
- Single centralized web portal for administration and maintenance
- Supports deployment within enterprise data center to fit IT infrastructure

#### DECT Server 8000

- Designed especially for fast-growing and large organizations as an extremely scalable and flexible solution
- Combines digital and SIP VoIP interfaces, which allows customers to use the two interfaces
- 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
- The DECT Server 8000 has room for 1 CPU card and up to 8 interface cards. Up to 8 servers can be linked, and with a total of 64 slots there are numerous ways of combining base station cards, analog interface card, and VoIP interface card in order to assemble a customized solution



#### IP-DECT Server 6500

- The IP-DECT Server 6500 solution is a rack version that consists of a number of different infrastructure elements which can be assembled in accordance with 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
- Excellent choice when you need radio coverage over a large geographical area or to equip a large number of mobile employees with wireless telephony - or both
- With the IP-DECT Server 6500 solution you can equip up to 4,096 users with wireless telephony



#### IP-DECT Server 200

- Supports 12 users and 6 simultaneous calls
- Interoperable with market leading Unified Communications (UC/UCaaS) platforms
- Delivers high-quality and secure voice communication
- Supports Enterprise grade security & Management including support for DECT Enhanced Security (Encryption)
- Enhance coverage via repeaters and external antenna
- Supports entire Spectralink DECT Handset range.

### Benefits

#### SCALABLE DESIGN

- Scalable solution that can be assembled according to customer needs
- Excellent choice as it can meet your exact business requirements now and in the future

#### FLEXIBLE SOLUTION

- Offers the opportunity to enhance features using optional licence keys
- Only pay for what you need
- Easy expansion of the solution when the business grows

#### RENEWABLE CHOICE

- Low power consumption
- Greener environment and lower costs
- Cost reduction and increased ROI

#### INTEROPERABILITY AND CONNECTION

- Certified for Cisco as well as Broadsoft UC platforms
- Qualified for Microsoft® Skype for Business® (Lync®)
- Enables you to add vertical mobility to your Microsoft UC solution
- Compatible with all Spectralink DECT infrastructure elements and Spectralink 7000 Series Handsets



## IP-DECT Server 400

- Designed especially for small to medium-sized businesses
- Supports up to 12 simultaneous calls and 30 wireless users
- Can be deployed as a single-cell or a multi-cell solution
- The IP-DECT Server 400 is a server acting as both a radio unit and a SIP integration unit to the UC platform. Also, it controls and handles all other infrastructure elements in the solution



## 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
- covers a circular area of between 65 and 1,968 ft. (20 to 600 m)

## Licenses

### For DECT 6500 Server

- The Spectralink DECT Server 6500 includes a 30 user license. To increase to the maximum configuration of over 3,000 users, you can purchase additional licenses in order to scale and improve your solution

### For IP-DECT 200 Server

- The Spectralink IP-DECT Server 200 can be further enhanced using optional license for integration with Skype for Business, as well as enterprise enhanced security can be added via Software Security Package (SRTP/TLS)



## 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

- Fast and easy installation
- No external power required — powered from the PoE enabled LAN network
- 12 simultaneous traffic channels (32 Kbit/s)
- Interoperates with all Spectralink DECT Servers
- Connect an external antenna to extend the coverage

### For IP-DECT 400 Server

- The Spectralink IP-DECT Server 400 includes a 30 user / 12 channel license and Multi-cell license. To increase to the maximum configuration, you can purchase additional licenses in order to scale and improve your solution

### For IP-DECT 8000 Server

- The Spectralink IP-DECT Server 8000 includes a 30 user license. To increase to the maximum configuration of over 3,000 users, you can purchase additional licenses in order to scale and improve your solution

## 7000 Portfolio Servers

- 7000 Portfolio is built on the international Digital Enhanced Cordless Telecommunications (DECT) standard
- The 7000 Portfolio uses a dedicated wireless network supporting SIP, digital PRI and analog PBX interfaces
- The 7000 Portfolio Servers support solutions from small businesses to enterprise systems with up to 4,096 handsets
- The 7000 Portfolio 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

## Digital Base Station Interface Card

- Connect up to 8 Spectralink DECT Base Stations using the Digital Base Station Interface Card with the DECT Server 2500, increasing coverage throughout the workplace

## 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.

spectralink.com  
 info@spectralink.com  
 +1 800-775-5330 North America  
 +45 7560 2850 EMEA