

KIRK dect-z System 1500



Creating wireless communities



KIRK

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"Creating wireless communities" is the business of KIRK telecom, a leading player on the market for wireless on-site voice communication based on license free radio standards.

Unique voice quality, efficiency and cost savings are just a few of the benefits of a KIRK wireless voice solution.

The KIRK dect-z System 1500 is a modular wireless voice communication system. The system is based on the Digitally Enhanced Cordless Telephony (DECT) technology, and complies with the GAP standard.

The system is an add-on system that integrates with most existing and future Call Handlers. It consists of a Wireless Mobility Server and a number of Base Stations, Repeaters and wireless handsets.

The KIRK System 1500 is flexible in relation to coverage, voice traffic, number of users, and interface technology

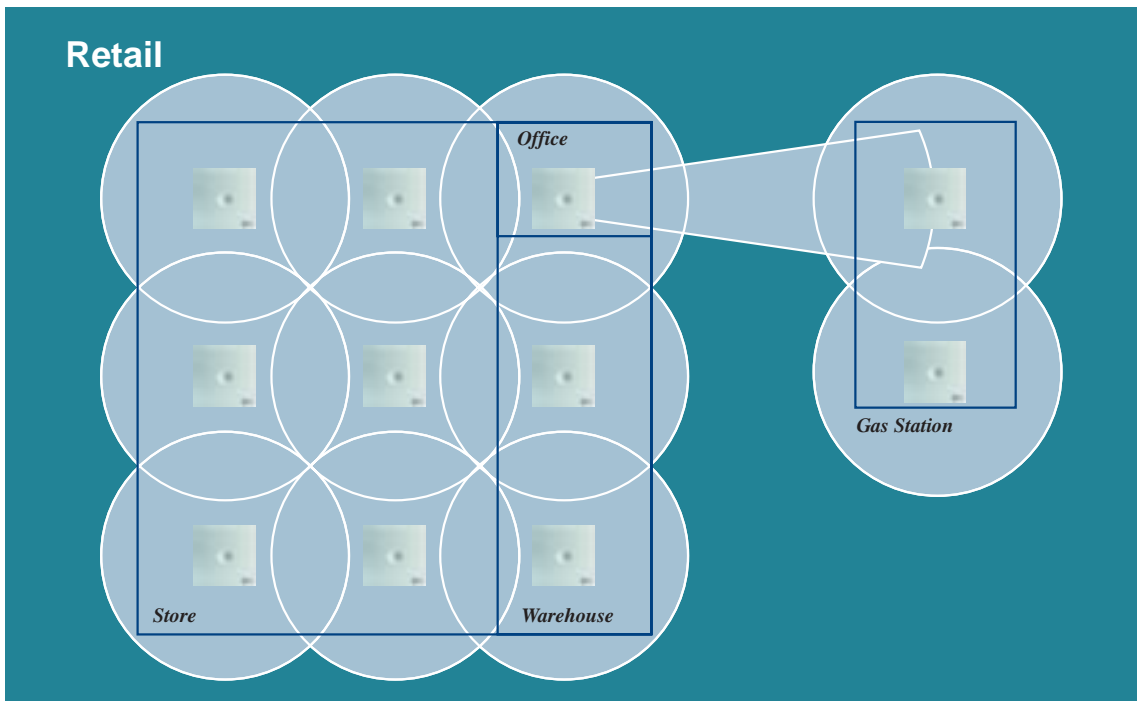
- Indoor coverage of a base station: from 50 to 150 m, depending on building materials
- Outdoor coverage of a base station: from 300 to 600 m, depending on reflection from surroundings
- Voice traffic: from 30 up to 60 voice channels
- Users: From 1 up to 700
- Analogue, ISDN or IP interface between the KIRK solution and the Call Handler



Unique Features of the KIRK dect-z System 1500

- ISDN level voice quality
- Seamless handover between base stations. A call is transferred noiselessly from one base station to another without being lost
- The KIRK dect-z System 1500 is a transparent system. The system transfers Call Handler functionalities to the Handset
- Roaming: A Handset can be subscribed to more systems and will automatically log on to the relevant system
- Coverage area can be extended via the use of wireless KIRK Repeaters. One Repeater extends the coverage area with 50% (the traffic capacity remains the same)
- MSF – messaging function ("SMS"). MSF makes it possible to use the KIRK Handset for alarm and monitoring purposes as well as sending messages from one Handset to another
- Easy installation and maintenance

Customer Segments



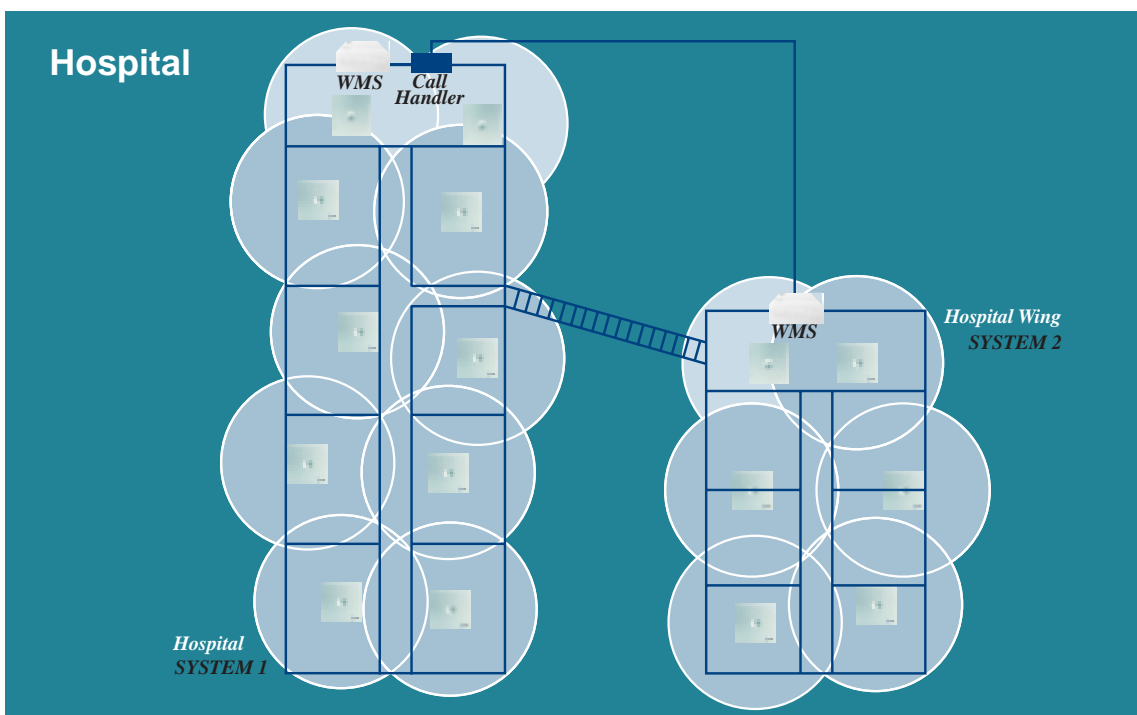
Retail

Improved customer service

No loudspeaker calls in supermarket, easy and quick access to staff, fast deliveries from warehouse – fewer out of stock situations

Other relevant segments

- Supermarkets and hypermarkets
- Department stores
- Production facilities



Hospital

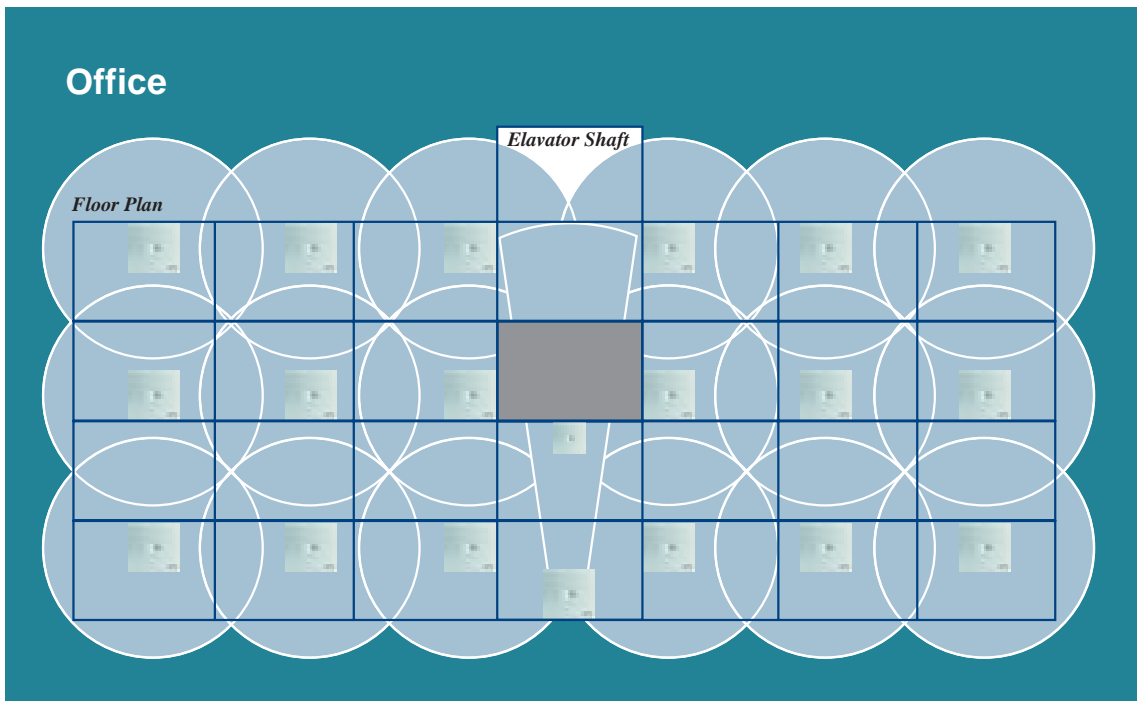
Improved patient care

Faster response time from staff, better staff organisation, alarm and positioning possibilities

Other relevant segments

- Recreation and nursing homes
- Institutions
- Prisons, security facilities, night watch services

Office



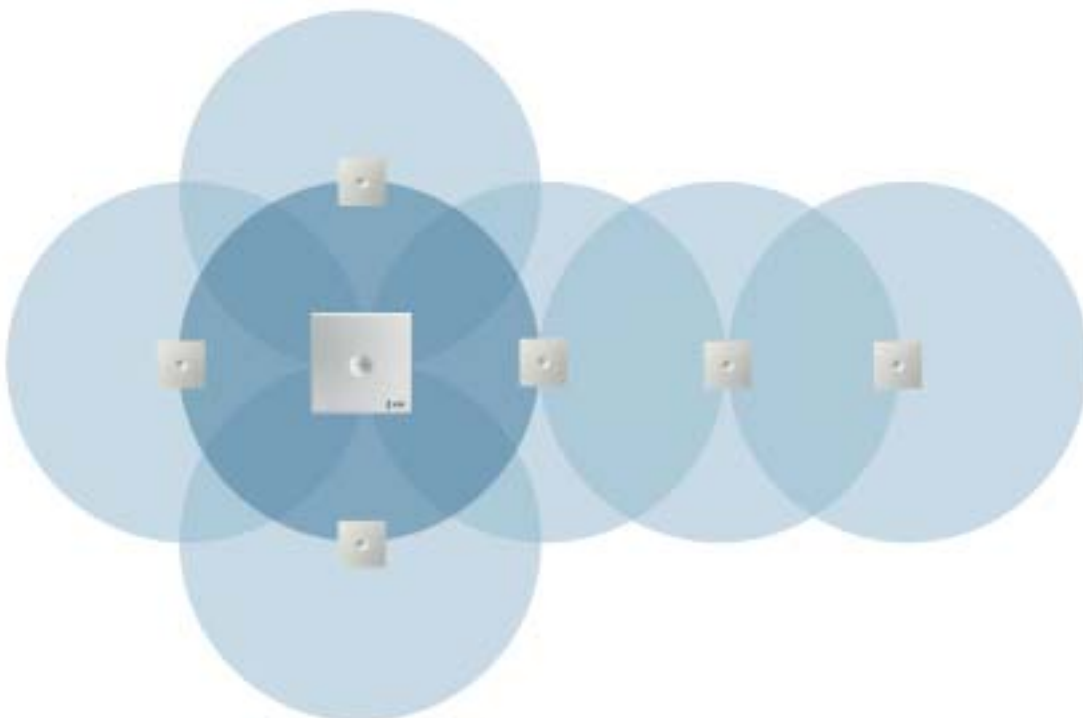
Office

Improved client service

Increased productivity and flexibility, staff always accessible, better working climate

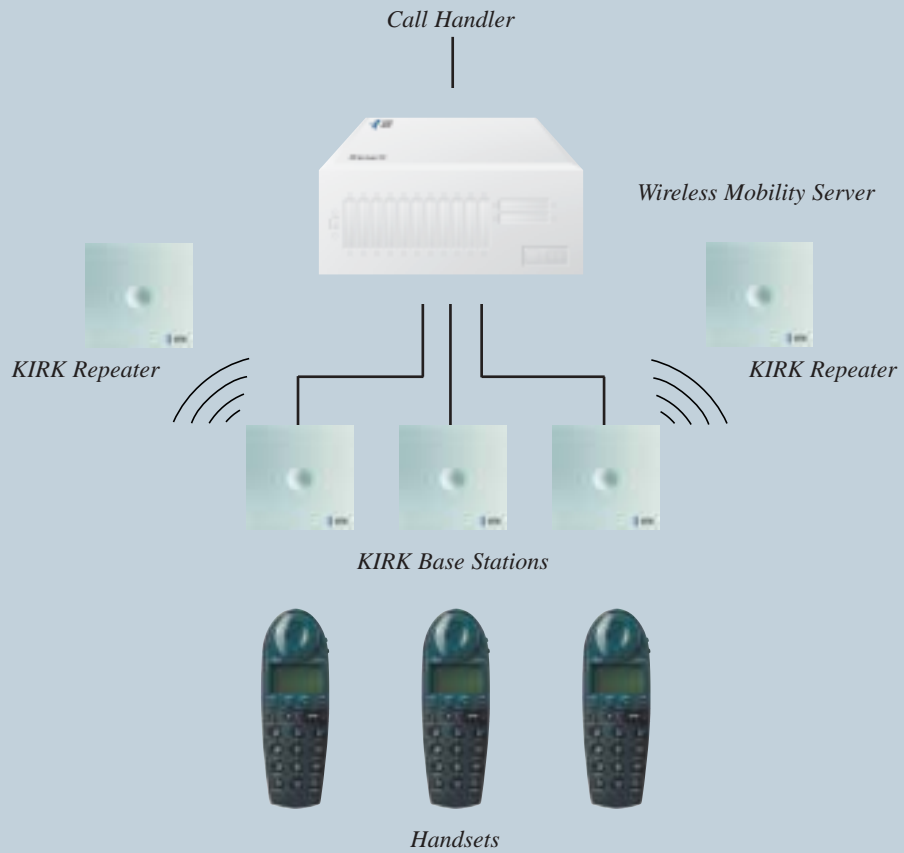
Other relevant segments

- Hospitals
- Hotels



KIRK Repeaters can be placed in cascade formation, directing the signal in a certain direction. This is a unique feature on the telecommunications market. Please read more about special requirements at www.kirktelecom.com under products.

A KIRK dect-z System 1500



Two KIRK systems can be linked, allowing up to 32 Base Stations and 96 Repeaters in one KIRK solution.
Read more at www.kirktelecom.com.

Interface Technology

Interface between WMS and Call Handler	Analogue Interface	ISDN Interface	IP Interface
Maximum number of wireless users (handsets, pagers, DECT units) in a linked System	Up to 128 users	Up to 700 users Number of handset users depend on voice traffic intensity (0.15E = 250 handsets)	Up to 700 users Number of handset users depend on voice traffic intensity (0.15E = 250 handsets)

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