

# KIRK dect-z System 1500



Creating wireless communities



# KIRK dect-z System 1500

"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

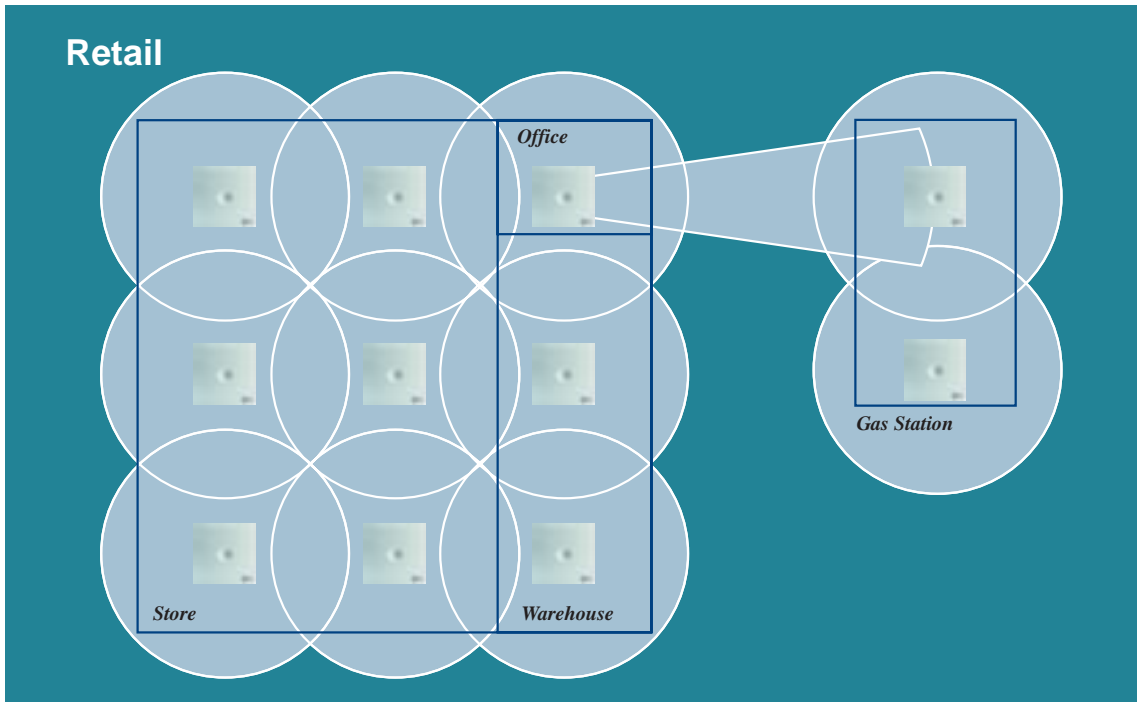
- Indoor coverage of a base station: from 50 to 150 m, depending on building materials
- Outdoor coverage of a base station: from 300 to 600 m, depending on reflection from surroundings
- Voice traffic: from 30 up to 60 voice channels
- Users: From 1 up to 700
- Analogue, ISDN or IP interface between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



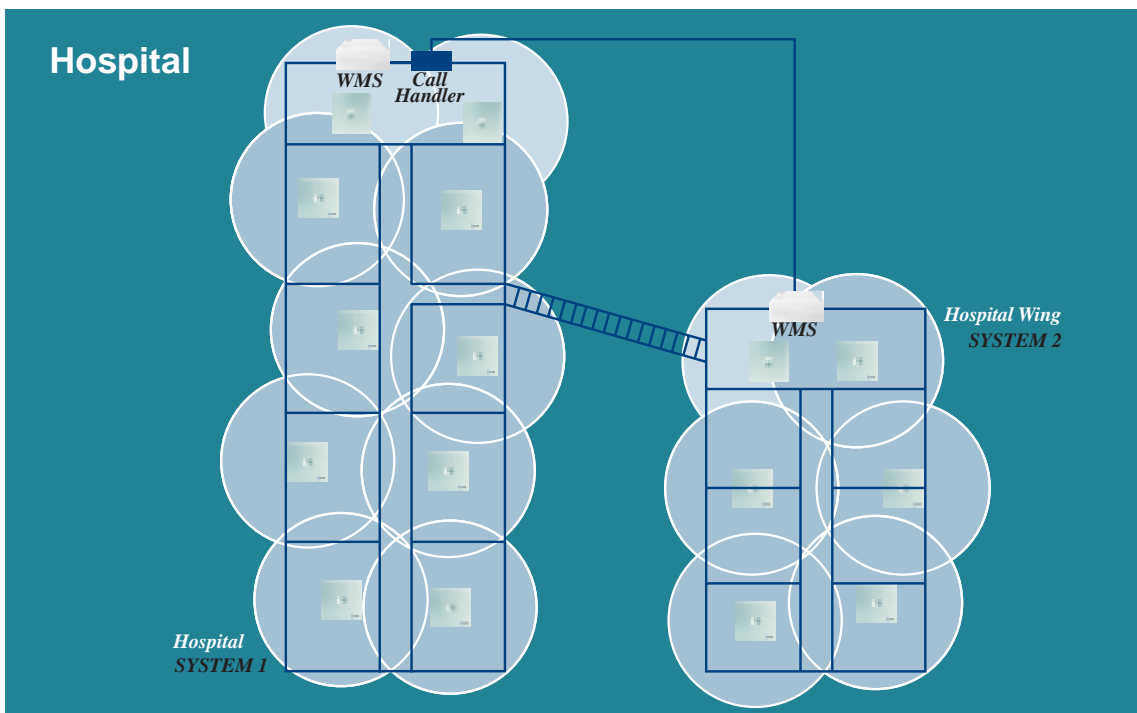
## Retail

### 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

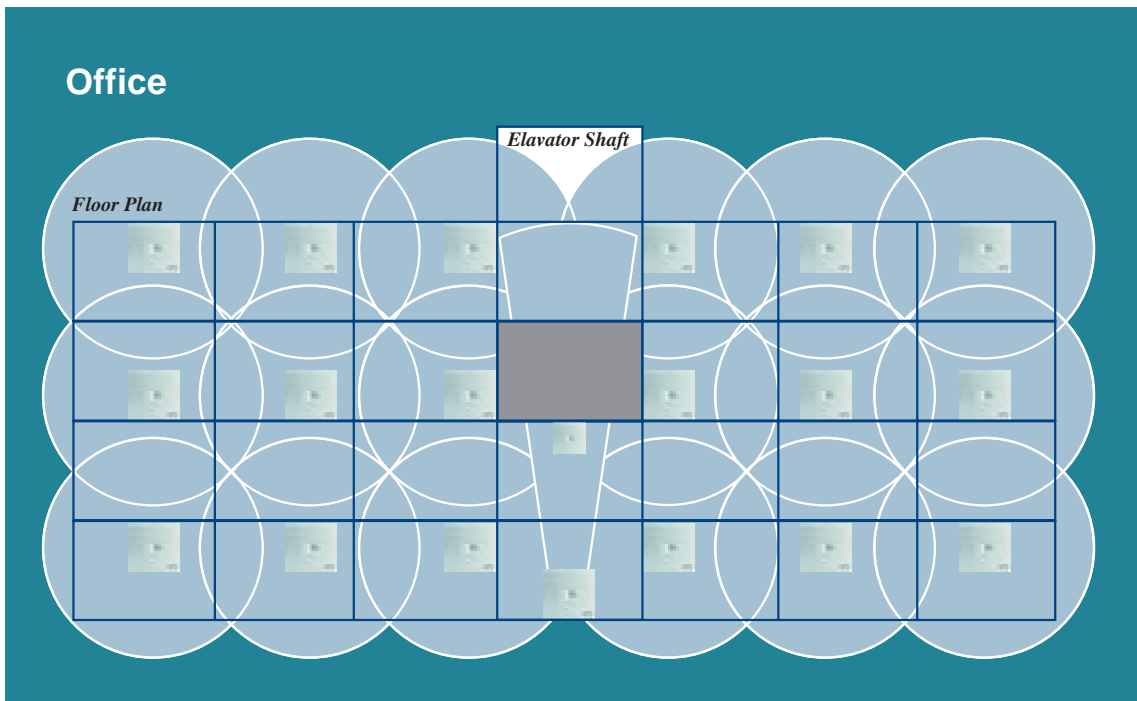
### Improved patient care

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



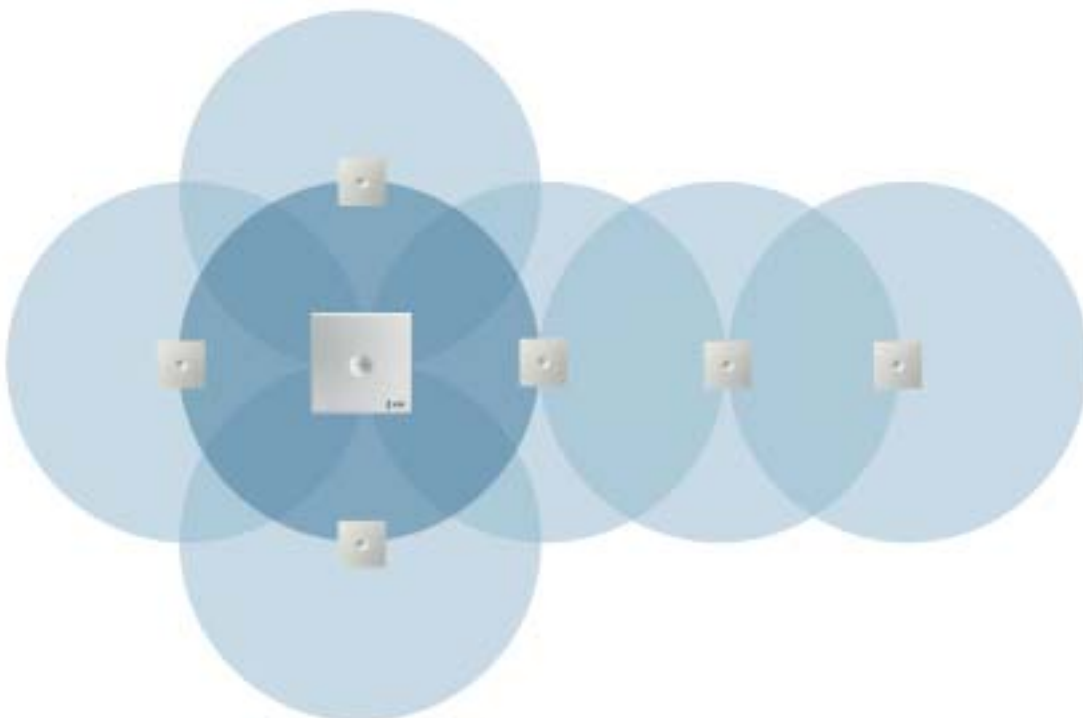
### Office

#### Improved client service

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

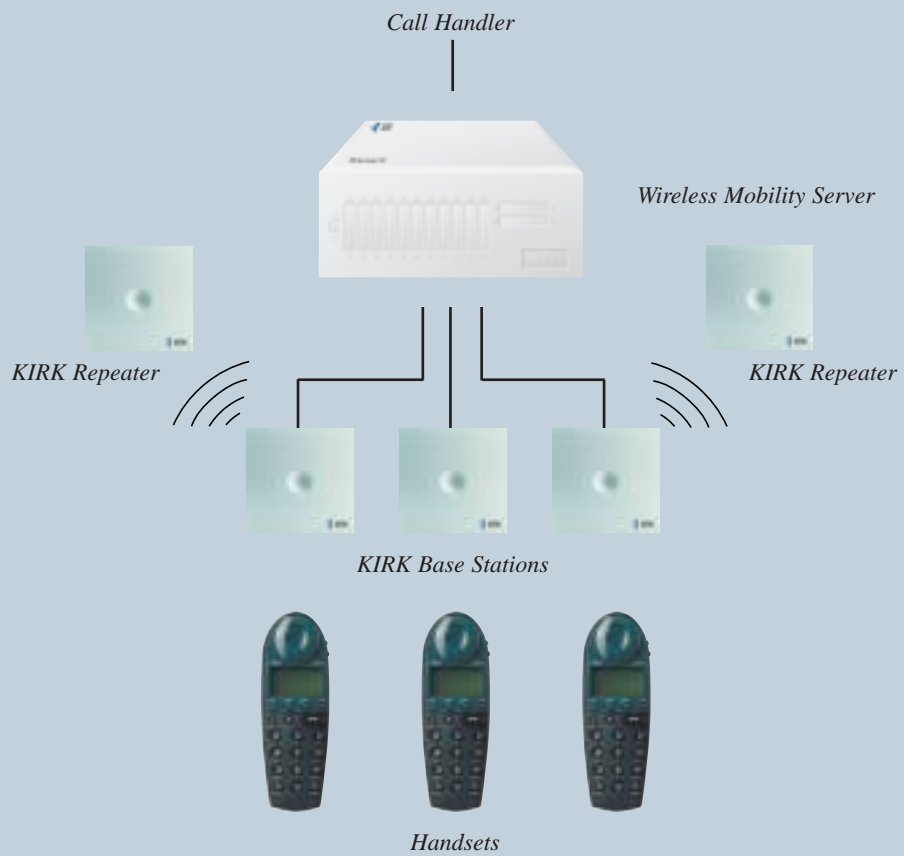
#### Other relevant segments

- 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](http://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](http://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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