

# FEATURES AND BENEFITS

## INTERCOM

### BEST IN CLASS SPEECH INTELLIGIBILITY

Our intercom solutions provide a wider frequency range compared to other intercom solutions on the market and with a reason. With our technology there is no reason for phrases, e.g. "please repeat that". Our solutions are optimized for voice applications, and we go to great length to ensure speech intelligibility by deploying our continuously improved audio signal processing and microphone techniques. To assist in reduction of background and surrounding noises in boisterous environments, naturally our intercom solutions can be deployed with active noise cancellation (ANC).

### RESILIENT RADIO

For improved coexistence with other interfering radios or blocking from close-to-body radio deployment, our intercom solutions take advantage of channel and antenna diversity. They can be combined with our fully standardized "listen before talk" procedures, ensuring that your connections are the last ones standing, in even the harshest radio environment.

### DEPLOYMENT AND MAINTENANCE

As both deployment and maintenance of a system are essential for an intercom solution, we offer specialized deployment tools. All our solutions are focused on total cost of ownership (TCO) and are designed for continuous operation (carrier grade quality). Furthermore, our solutions support publicly specified interfaces for maintenance and control, e.g. TR-069 and TR-196.

### PERFECTLY OPTIMIZED SIGNAL CHAIN

With more than 25 years of DECT experience, we are experts in the full signal chain of wireless intercom solutions - all the way from audio input to signal conditioning, wireless transmission, and audio output. Our expertise enables us to optimize the entire signal chain and ensure the optimum utilization of the radio and audio processing, at a minimal power consumption, in all our solutions.

### SCALABILITY AND COMPATIBILITY

Our intercom solutions provide great scalability options. Whether your installation requires one or more duplex connections, the digital system can easily be deployed and expanded according to your current and future needs. Our solutions feature seamless handover between base stations and provide the possibility for multiple output options including 3rd party integrations, such as Dante, Ravenna, and AES67.

### SECURITY

Our intercom solutions support data encryption, such as AES128 and AES256, ensuring the optimum security of your wireless connection.