

RTX CONFERENCE SOLUTION

PRODUCT PREVIEW

The RTX Conference product solution brings meeting participants closer together through secure conference communication and has been designed for cost efficient deployment and maintenance.

Our solution provides resilient radio technology with exceptional audio clarity. Delivering superb communication for you who offer conference systems to facilities, e.g. conference and meeting rooms, convention halls, press centers, or classrooms.

With RTX as your technology or ODM partner, you can focus on your unique product signatures in your con-ference product portfolio.

FEATURES

For increased audience participation and improved meeting experience, the RTX Conference solution supports various features and management add-ons, including but not limited to:

- 1.9GHz reserved frequency band
- AES256 encryption
- High-quality audio 50-20000Hz
- Low latency (~20ms)
- Language interpretation
- Request to speak
- Voting
- Seamless roaming
- Antenna diversity

ALWAYS IN TUNE WITH AUDIO

Our conference solutions provide full audio frequency range in contrary to most conference solutions on the market. Our solutions are optimized for voice and we go to great length to ensure speech intelligibility, by deploying our continuously improved audio signal processing and microphone techniques. For reduction of background and surrounding noises in boisterous environments, our conference solutions can be deployed with active noise cancellation (ANC).

SCALABILITY AND COMPATIBILITY

Our conference solutions provide great scalability. Whether your installation requires one or more simultaneous duplex connections and an abundance of listen only participants, the digital system can easily be expanded and allocated according to your needs. Our solutions feature seamless handover between base stations and provides the possibility for multiple output options and 3rd party integrations, e.g. Dante, Ravenna, and AES67.

CONFIGURATIONS

The solution can be deployed in two primary configurations. A high-quality configuration focusing on best in class audio - or a high-density configuration, focusing on having numerous simultaneous active microphones on the system.

Both single and multi-cell conference setups are supported:

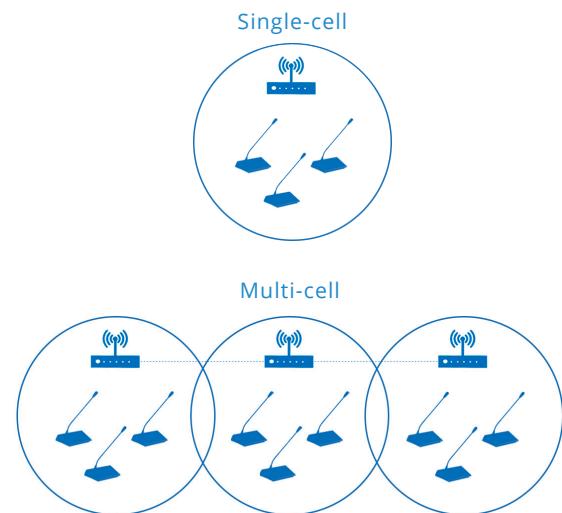


Figure 1: Single-cell vs. multi-cell configuration

SECURITY

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

DEPLOYMENT AND MAINTENANCE

As both deployment and maintenance are essential for wireless systems, RTX can 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 centralized maintenance and control systems.

NEXT STEPS

By deploying the highly configurable RTX conference solution, you can focus on the implementation of your product signatures without having to become an expert of radio technology. By choosing RTX as technology or ODM partner, you gain technologies that are field tested and proven by professionals, and it enables you to tap into the present and future RTX radio and audio technologies.