Convention Center

Dublin, Ireland

Poor cellular coverage in a building as cutting edge as the Convention Centre Dublin was unacceptable. The developers of this state-of-the-art facility turned to Zinwave to make sure it was an issue they would not have to worry about.

PROJECT DETAILS

This project required a modern wireless infrastructure that not only supported commercial cellular coverage but that could also integrate two-way security radio and TETRA emergency service. With large numbers of visitors moving around the building, often concentrated in particular areas, the operators needed the ability to easily deploy cellular sectors in three different zones.

CCD needed a single infrastructure solution, but with the ability to add new services over time with little or no incremental cost or disruption. Zinwave’s unique wideband in-building wireless platform was the only solution that could meet all of the key criteria.

The Zinwave solution easily accommodates all carriers and services, commercial cellular, public safety and private mobile radio bands. Cellular sectorization is uniquely supported by a built-in switch matrix that, by simple software configuration, selectively routes services to specific areas of the building as required.

The telecommunications industry is a rapidly changing environment, and the ability to easily add future services to the selected wireless coverage solution was an important factor for CCD. Zinwave’s wideband technology provides this without the need for service specific hardware or system upgrade.

VENUE

• 3,000-seat forum
• 2,000-seat auditorium
• 4,500 m² exhibition space
• 22 meeting rooms

SYSTEM

• O2
• Vodafone
• 3 Ireland
• Meteor

SERVICES

• UMTS
• GSM 1800

THE ZINWAVE 3F ADVANTAGE

Zinwave’s indoor wireless solution delivers three game-changing benefits.

FIBER BASED

Zinwave’s simple, elegant solution leverages a building’s existing fiber infrastructure and limits disruption to day-to-day activities during installation.

FULL SPECTRUM

From routine business communication to life saving emergency response, Zinwave is the only solution that supports all cellular and public safety frequencies on one hardware layer.

FUTURE READY

As smart buildings and BYOD become the new normal, Zinwave prepares your building for the future without the need for additional infrastructure investment.