Queen Alia International Airport
Amman, Jordan

Located 35 kilometers from the heart of the capital, Queen Alia International Airport was first inaugurated in 1983 to become Jordan's key gateway to the world. The airport serves over 6 million passengers annually, in addition to providing air cargo and other aviation support services.

PROJECT DETAILS

Construction of a new, state-of-the-art terminal and rehabilitation of the older facilities meant improvement of its airport-wide ICT infrastructure was also necessary. Zinwave's DAS was selected because of its ability to support multiple services and frequencies on a single hardware layer, making it an ideal long-term and expandable solution throughout the airport.

The simple design of Zinwave's equipment meant that the installation of remote units and fibre-optic cabling around the terminal could be accomplished without impacting the building's overall appearance, which was in line with the architects' vision.

Zinwave's DAS performance in all frequencies between 150MHz and 2700MHz enabled our client to overcome various safety and performance concerns and secure the competitive commercial TETRA license.

VENUE

• 19 million m² total area
• In-building coverage for passenger and cargo terminals, service facilities, car parks and underground maintenance areas

SYSTEM

• 1 primary hub, 4 secondary hubs, and 28 remote units

SERVICES

• TETRA over 350-360MHz band
• Commercial cellular services pending General Authority for Civil Aviation (GACA) review

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.