



## CASE STUDY

### **Zinwave provides first class in-building coverage for prestigious Westfield Shopping Centre in Sydney, Australia**

#### ***Zinwave's in-building wireless solution maximises flexibility for multi service, multi operator coverage***

Westfield Sydney is a premium retail and office complex operated by the Westfield Group and is located in the heart of the city beneath the Sydney Tower. In 2007 Westfield received approval to redevelop its existing Centrepoint mall and integrate it with the adjoining Imperial Arcade, Skygarden and Sydney Central Plaza. The development represents an A\$1.2 billion investment for Westfield with the aim to create a world-class facility that will showcase the best retailers from Australia and around the world.

Stage 1 of the Westfield Sydney redevelopment opened on Thursday October 28 2010 with approximately 130 specialty stores. Stage 2 was opened in April 2011 and the retail component is scheduled for completion in December 2011. The completed facility will have more than 330 stores with over 88,000m<sup>2</sup> of retail space.

The Zinwave 3000 system was selected to provide in-building coverage for this prestigious facility as it had the unique ability to carry all major mobile carriers, Telstra, Optus and Vodafone, covering the following services, WCDMA at 850MHz, UMTS at 2100MHz, DCS at 1800MHz as well as the PMR systems for the mall staff.

Westfield Sydney is one of a growing list of buildings, which include airports, hospitals and corporate facilities, to take advantage of Zinwave's unique support for multiple services over a single common infrastructure and wideband hardware platform. The Zinwave 3000 easily accommodates the specific services offered by all operators and required by the thousands of visitors from around the world. Cellular sectorisation 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 Westfield implementation was carried out by one of the world's leading distributors of wireless infrastructure products RFI, a major Zinwave partner in this region with over 30 years experience in the in-building market.

"RFI has been involved in many high profile roll-outs, and we are particularly proud of the results achieved in this Westfield project using the Zinwave 3000 system in-building coverage solution. This is a fantastic opportunity to showcase the Zinwave product in a high profile, multi-service environment" commented Steve Jacques, Managing Director of RFI.

"This was an exciting, high profile project for us and an ideal setting to showcase Zinwave's unique 3000 system." said Colin Abrey, President of Zinwave International. "Our 3000 DAS provided a unique solution that had the ability to carry all major operators and also provide PMR services all on one hardware layer. The system offers ease of installation and scalability with the ability to add in services in the future with no additional hardware cost"

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#### **About Zinwave**

Zinwave is a global technology company with offices in UK, USA and Asia that has pioneered a new approach for reliable multi-service in-building wireless coverage. Zinwave's solution, the Zinwave 3000 wideband active DAS is the only True wideband active Distributed Antenna System (DAS) on the market, covering all frequencies between 150MHz and 2700MHz. Zinwave 3000 provides a highly cost effective multi-service, multi-carrier solution over a single hardware infrastructure that can be quickly and efficiently deployed and easily scaled for future service additions.

Zinwave has a highly experienced RF planning, program management and execution team with extensive experience in all parts of the wireless industry and international telecoms markets.

Sales activity is global with a strong presence across four continents and with relationships established with major well known partners and system integrators. Zinwave's installation base includes customers in the Healthcare, Industrial, Public Venue, Enterprise & Corporate and Education vertical markets.

#### **For more information please contact:**

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#### **About RFI**

RFI is an Australian based designer, manufacturer and distributor of communications antennas, multicouplers, combiners, duplexing filters, amplifier systems and associated

hardware. The company's strengths in engineering, manufacturing, research and development and sales and marketing are maintained by employing dedicated, experienced industry professionals in each key discipline. Formed in 1979 the company has continually expanded its operations to meet with the requirements of the fast paced industry of which it is a part. RFI holds a number of patents for unique and innovative designs that have been developed to meet with the industry demands for technologically superior systems. With offices based in Australasia, EMEA and North America, RFI is positioned as a true global vendor. Operating within internationally accredited Quality Assurance Systems, the company is committed to product and process quality. The quality systems encompass every aspect of the company's operations.