News Release

27 February 2013

Cobham’s Axell Wireless Launches Revolutionary intelligent digital Distributed Antenna System (idDAS)

MARLOW, UK – Cobham company Axell Wireless, the worldwide provider of wireless coverage solutions, has launched a revolutionary in-building coverage solution allowing mobile operators to allocate capacity to locations only where and when it is needed. The system -- intelligent digital DAS, or idDAS -- provides a more cost-effective way for mobile operators to handle the challenges of large-scale in-building coverage projects.

“Over 80% of mobile traffic now emanates from within a building and this figure is growing rapidly,” said Cobham Antenna Systems Vice President Fred Cahill. “idDAS allows mobile operators to dynamically allocate capacity around a facility and, in effect, provide a DAS system that can “breathe” and react to user demands.”

Axell’s idDAS solution is based on advanced digital communications and Axell’s patented signal processing and filtering techniques. As a result it delivers exceptional low noise performance resulting in increased base station throughput. idDAS operates with every major wireless technology including GSM, UMTS, WCDMA and LTE, and supports all major frequency bands used by mobile operators across the world. It is completely cable agnostic supporting both fibre and copper cable types making it easier to implement in a building. It also includes full and easy support of MIMO for increased data throughput. The system also includes an embedded 1GB IP backhaul per remote, allowing the use of one common cabling infrastructure throughout for WiFi and other IP traffic. Set up and commissioning is handled through an intuitive “wizard” style configuration tool with many auto-setup features, thus saving time and resources during deployment.

About Cobham
Cobham protects lives and livelihoods with its differentiated technology and know-how, operating with a deep insight to customer needs, and agility. The Group offers an
innovative range of technologies and services to solve challenging problems across commercial, defence and security markets, from deep space to the depths of the ocean. It has market-leading positions in air-to-air refuelling; aviation services; audio, video and data communications, including satellite communications; defence electronics; life support and mission equipment. The most important thing Cobham builds is trust.

**About Cobham Antenna Systems**

For more than 60 years, Cobham Antenna Systems has been a world leader in the design and manufacture of communication systems and antennas. Cobham’s innovative communication, navigation, jamming, electronic warfare, telemetry and radar antennas serve all major commercial aviation manufacturers and operators, major defence contractors, emergency response organisations and law enforcement agencies.

**About Axell Wireless**

Axell Wireless is a global leader and manufacturer of wireless coverage solutions for both cellular and public safety applications. Part of engineering and technology giant Cobham plc since 2013, Axell Wireless employs more than 250 people, has its headquarters in Chesham, UK and operates from a network of 16 offices across the globe. Axell Wireless has an enviable track record spanning 40 years, having supplied coverage solutions for many environments including road and rail tunnels, metros, small and large buildings, stadiums, remote or rural environments and transportation systems including railways and aeroplanes. [www.axellwireless.com](http://www.axellwireless.com)

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