Mission & Vision

"We aim to become the worldwide market-leader in providing cost-effective, seamless coverage solutions, both standard and customised, for any technology, across all environments."
seamless coverage...

High in quality, dynamic in leadership

- First RF repeater in the world
- First EDGE repeater in the world
- First TETRA repeater in the world
- First GSM-R repeater project in the world

Axell Wireless provides products and solutions for technologies ranging from FM TO 3G and beyond.

CUSTOM DESIGNED PRODUCTS  STANDARD PRODUCTS
wireless communications...

For all types of environments
wireless coverage...

For a wide range of technologies
wireless coverage...

For all major coverage applications
wireless coverage...

Endless, Seamless, Wireless for all major Coverage Applications
Both From Standard & Customised Solutions

www.axellwireless.com
Seamless Coverage Anywhere

- In-building
- Road tunnels
- Railway tunnels
- Rural and gap-filling coverage
- Metros
- Onboard trains
- Aircraft coverage
- ERV (Emergency Response Vehicle)
Tunnel coverage solutions
In-building coverage solutions
Coverage Extension:
The Frequency Translating Concept
Transportation: The OnBoard Repeater
The OnBoard Repeater

Coverage installation

Outdoor antenna
Indoor antenna
Leaky Feeder
The world’s first authorised in-flight mobile phone calls on a commercial flight took place today following the successful installation of the AeroMobile system by Emirates Airline.

Emirates will be investing some US$27 million to fit its fleet with the AeroMobile system.

Axell Wireless has developed and manufactured a specifically designed multiband antenna combiner unit (ACU) and for this application.

Axell Wireless worked closely with AeroMobile to produce a product that meets all the exhaustive requirements of the Aviation Industry.

Over 100 systems delivered so far.
Management & Control System
Axell Wireless Element Manager (AEM)
AEM hierarchy
Zooming functionality - graphical or logical maps
Graphical User Interface
Recent & Forthcoming Technology Developments

MBF – Multi-Band Fibre fed repeater
Multi-band and multi-operator in-building coverage solution:

- Single band, dual band, tri band and quad band
- GSM 850, 900, GSM 1800, GSM 1900, WCDMA (850, 900 & 2200) & DVB-H
- Convection cooling – increases MTBF and reduces Total Lifetime Cost
Multi-Band Fibre fed Repeater system
Monitored over fiber (via the Optical Master Unit) via Ethernet Interface, direct via a serial cable at site or remotely via an optional modem (GSM, GSM-R or analogue).
Axell Wireless

- High quality resulting in reliable solutions with low TCO.

- Broad range of products enabling sourcing from one single manufacturer.

- Single network management system.

- 30 years of experience in providing high performance coverage solutions.

- Vast network of distributors, agents, systems integrators, providing support, etc.