



Get Connected, Stay Connected

What's Past is Prologue: Enabling New Verticals

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Who We Are

Since the 1980's Orbit is a global leader in tracking antenna solutions and aeronautical audio management systems

A reputation for innovation and agility, Orbit systems keep people connected around the world

3,500+ airborne systems

4,000+ maritime systems

1,500+ ground stations

We provide highly reliable and cost-effective communications solutions for the most extreme conditions

You'll find Orbit solutions on cruise ships and navy vessels, airliners and jet fighters, offshore platforms and small UAVs.



Evolution and Revolution – The Prelude

Lowering the Bar to Entry – Lessons from Digital Video

Making it accessible – DTH and VSAT

Learning a New Language – iDirect, IP and Networking

Lowering the Bar to Entry Again – HTS and Death Stars

Working in a New Medium - MEO/LEO Constellations



Enabling New Verticals

Price Compression makes new business cases

New opportunities need better ways to access

Make it easy to integrate and operate in the bigger world

Edgy is Cool, but reliable and robust is cooler

Work within the Verticals to refine and evolve solutions



Enabling Airborne Satcom

It's Not Just About the Terminals...

Optimizing performance and reliability, but also driving acceptance

- * Simplifying installation and maintenance
- * Taking care of stringent certifications
- * Optimizing interfaces and installation with aircraft manufacturers
- * Working with the fleet operator/support arm

Over 1500 terminals delivered worldwide for both commercial and government customers



Enabling Maritime Satcoms

Once the realm of RMOB, o3B and Orbit brought broadband to the cruise industry

Not just the terminals – need for fast installation, ease of integration, and very high reliability

Within 5 years the predominant choice for large cruise ships – now the primary high speed link on 11 of the 15 largest vessels (Orbit also operational with 23 Navies!)

Evolving the market - C/Ka and Ku/Ka multiband terminals developed for MEO, GEO and LEO interoperability



Enabling Ground Segment

New Space / EO Drove New Approaches to Ground Stations

Need for cost effective but highly accurate ground terminals for LEO, MEO and GEO constellations

Compact tracking ground stations developed – lighter, smaller footprint, easy to configure and operate

New line helped grow a diverse range of applications and customers -- ESA, Earth Observation companies, and search and rescue operators



Brave New World

Development of new verticals in close coordination with satellite operators and service operators

The flat panel holy grail– we're masters of swing, we know how to rock and roll, and eventually we'll be ready to conform

Leading Edge, not Bleeding Edge

- * Putting performance and reliability above novelty
- * Introducing innovations when ready for real-world services

Simplicity is Elegant – Smart, progressive advances play a key role in developing and fostering new verticals and services

