The world’s most critical applications rely on resilient positioning, navigation and timing.

The Global Leader in Resilient PNT
Resilient PNT Platform

Resilient PNT INDUSTRY SOLUTIONS
By integrating Orolia’s Resilient PNT products and technologies with vertical market requirements, a number of industry-specific, mission critical solutions can be created. These industry solutions, whether existing or emerging, require highly accurate and robust positioning, navigation and timing functionality to operate successfully, efficiently and effectively on land, air or sea.

Resilient PNT PRODUCTS & TECHNOLOGIES
Products and technologies from Orolia’s comprehensive portfolio are vital to a number of Resilient PNT-reliant application areas including search & rescue, tracking & monitoring and networks & mobility. Each of these applications depend on precise and reliable PNT data to streamline operations, to maximize productivity and to protect/save lives.

Resilient PNT CORE CAPABILITIES
At the core of the Resilient PNT platform are a set of PNT signal management capabilities that serve as the foundation for Orolia’s PNT-enabled products, technologies and industry solutions. By generating, distributing, simulating and analyzing PNT signals throughout the product development, application creation or system integration process, the highest levels of PNT performance, stability and security is ensured.
Orolia provides the world's leading Resilient Positioning, Navigation & Timing Platform trusted for the most critical applications.
Why Resilient PNT?

Critical applications require real-time, accurate, reliable positioning, navigation, and timing data.

For mission critical applications, access to the right information can mean the difference between success and failure, winning and losing, or even life and death.

Think for a moment what would happen...
- If a bank’s customer account information or trading systems were not globally consistent across financial institutions?
- If the databases of mobile, computer or telecommunications networks were not fully synchronized?
- If an airline or maritime fleet operator could not track vessels across the world’s airways and waterways?
- If a military officer lacked the proper squadron coordinates prior to launching a reconnaissance mission?
- If a search and rescue agency received inaccurate positioning data?
- If UAVs, drones and driverless cars lacked accurate and timely positioning information?

Location-specific, directionally-consistent and time-aligned data is used in business-critical, high-risk, and life-saving operations. It must be extremely reliable, tightly secure, and highly fault tolerant.

In other words, this critical data must be resilient.

Why Orolia?

Our Promise
With Orolia, you can confidently, safely and successfully operate your mission critical applications – anywhere around the globe – knowing you are backed by over 200 combined years of Resilient PNT industry knowledge, market intelligence, and product innovation.

We have established ourselves as the Resilient PNT global leaders by a relentless commitment to product, market, and technological innovation. We have shaped the industries in which we operate by defining, driving and implementing best practices and standards. Most importantly, we have helped our customers be successful by delivering the products, technologies and systems that are key to their mission critical needs.

At Orolia, we understand that when it comes to mission critical applications – where the smallest of discrepancies in PNT data accuracy, availability and stability can result in a network outage, a system crash or, worse, a loss of life – failure is not an option.

Our Brands
Our market-leading brands, used by thousands of customers and partners globally, are the foundation of the Orolia Resilient PNT Platform.

McMURDO Spectracom
Kannad SARBE Spectratime

The world’s most critical applications rely on Resilient PNT solutions from Orolia.

www.orolia.com