

SecureFind™

Combat Rescue Beacon

Orolia's SecureFind™ Combat Rescue Beacon (CRB) is an innovative military positioning device designed to optimize successful rescue operations for warfighters in distress.

Developed to perform in open mode, as well as MIL-STD environmental requirements, Orolia's military personnel recovery solutions have been selected by military forces based on their exceptional accuracy along with decreased size, weight and power (SWaP) requirements.

SecureFind is a dual-mode, MIL-SPEC wearable beacon that integrates seamlessly into military personnel recovery support systems. It can be configured to transmit both open and secure signals (training-combat dual mode) to alert and notify when a warfighter has become isolated, missing, detained or captured.

Easy to incorporate into global personnel recovery operations and MEOSAR ready, the SecureFind CRB is based on Orolia's rugged, small Positioning, Navigation and Timing (PNT) platform for military Assured PNT applications.

Assured Positioning, Navigation and Timing

Orolia is the global leader in Assured PNT, providing solutions to secure, synchronize, and track military data and personnel in GPS-denied environments.

We understand that when it comes to mission critical applications, even the smallest discrepancy in data accuracy, availability and reliability can result in a system crash, an aborted mission or worst case, a loss of life. Failure is not an option for our customers.

Orolia provides the Assured PNT building blocks that are vital to mission critical applications. By integrating GPS with proven and emerging PNT technologies, Orolia offers a comprehensive ecosystem of Assured PNT solutions trusted by customers worldwide, including:



General Information

Nominal Dimensions	Maximum 2"x1.5"x4.5"
Weight	<12 oz
Uses Standard Power	2 x CR123A
Operating Temperature	-10F to 131F (-23C to +55C)

- All branches of the U.S. Military
- NASA, NOAA, DISA, DoE and DHS
- European Space Agency (ESA)
- Ministries of Defense in Europe, Asia and the Middle East
- Maritime and Aviation Search and Rescue Authorities
- State and Local Emergency Services

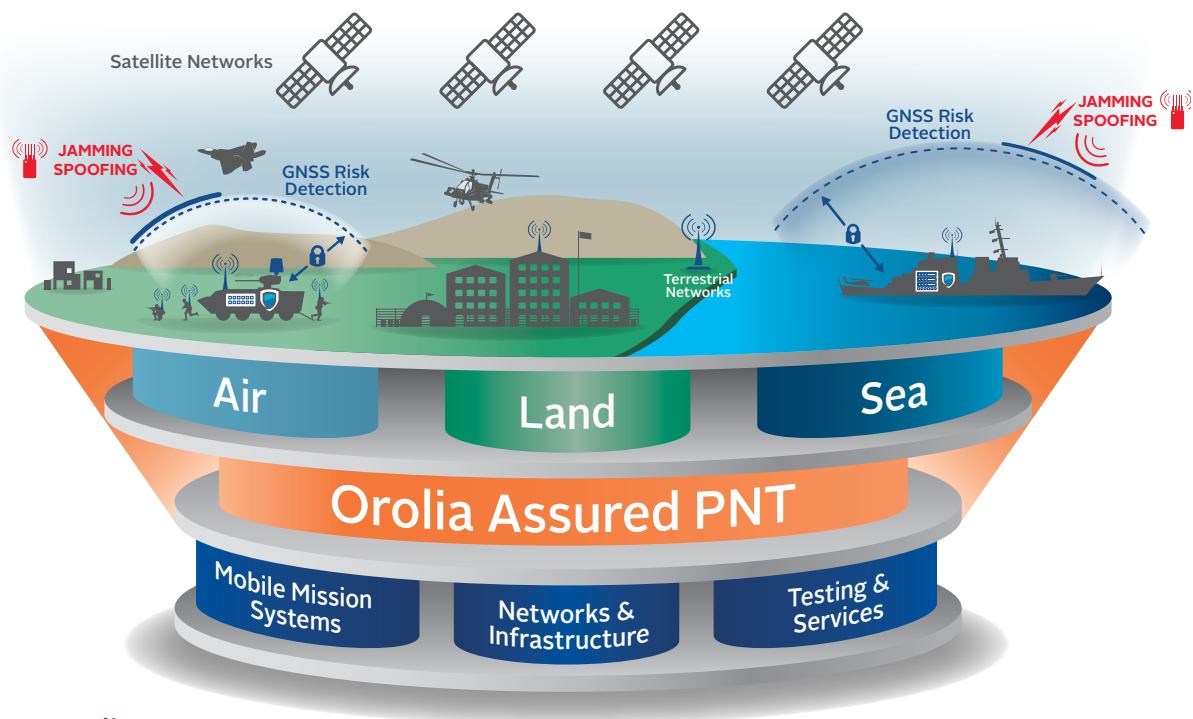
Orolia's Unique Approach to Assured PNT

Military forces require continuous access to trusted PNT resources under all conditions. Critical infrastructure such as communications and power grids, financial networks and transportation systems also depend on GPS technology, yet vulnerabilities give adversaries the opportunity to deny access to navigation and timing data.

Orolia delivers Assured PNT capabilities for warfighters and commercial users through technologies that detect, mitigate and help prevent threats such as interference, jamming and spoofing.

To best support military Assured PNT requirements, Orolia's solutions are flexible, scalable and configurable based on required features, performance and budget considerations, such as:

- Multiple navigation and timing sensors integrated into a form factor small and light enough to fit in the palm of a hand
- Highly accurate oscillators and micro atomic clocks that operate in extreme environments to provide hold-over timing in the absence of GPS
- Anti-jamming/anti-spoofing detection algorithms that know when to trust GPS data
- Alternate sources of robust, resilient and encrypted satellite-based PNT data
- Advanced simulation capabilities that eliminate Time-To-First-Fix for dismounted warfighters
- Military combat rescue devices



About Orolia

Orolia is the world leader in resilient positioning, navigation and timing (PNT) solutions that improve the reliability, performance and safety of critical, remote or high-risk operations. With locations in more than 100 countries, Orolia provides virtually failsafe GPS/GNSS and PNT solutions to support government and commercial applications worldwide.