Naval Operations Assured PNT: Mission success solutions in GNSS denied environments
Naval Operations PNT...

Mission Success Solutions

Precision Timing
- Fixed/mobile time servers
- Synchronize critical networks
- Ensure system integrity
- CSSR systems on mobile platforms

Continuous PNT
- Mission assurance
- Mounted/wearable
- Failsafe PNT data
- Rugged MIL-810G and MIL-461

Threat ID and Mitigation
- GNSS threat detection and protection
- Anti-jamming/spoofing
- Systems monitoring
- Vulnerability testing

Even in GNSS Denied Environments

SecureSync
Time & Frequency Reference

ThreatBlocker
GNSS Threat Protection

SARBE G2R ELT Evo
Emergency Locator Transmitter

GSG-8
Advanced GNSS Simulator

8230AJ
Anti-Jam Antenna

GPSdome
GPS/GNSS Anti-Jammer

BroadShield
Jamming & Spoofing Detection Software

Versa Line
Mobile Time and Frequency Solution

Missile Defense System

Spectratime mRO-50
Low SWaP-C Mini Rb Oscillator

Spectratime LPFRS
Rubidium Oscillator Source

SARBE G2R ELT Evo
Emergency Locator Transmitter

8230AJ
Anti-Jam Antenna

GPSdome
GPS/GNSS Anti-Jammer

BroadShield
Jamming & Spoofing Detection Software

Versa Line
Mobile Time and Frequency Solution

Missile Defense System

Spectratime mRO-50
Low SWaP-C Mini Rb Oscillator

Spectratime LPFRS
Rubidium Oscillator Source

GSG-8
Advanced GNSS Simulator

SARBE G2R ELT Evo
Emergency Locator Transmitter

8230AJ
Anti-Jam Antenna

GPSdome
GPS/GNSS Anti-Jammer

BroadShield
Jamming & Spoofing Detection Software

Versa Line
Mobile Time and Frequency Solution

Missile Defense System

Spectratime mRO-50
Low SWaP-C Mini Rb Oscillator

Spectratime LPFRS
Rubidium Oscillator Source

GSG-8
Advanced GNSS Simulator

SARBE G2R ELT Evo
Emergency Locator Transmitter

8230AJ
Anti-Jam Antenna

GPSdome
GPS/GNSS Anti-Jammer

BroadShield
Jamming & Spoofing Detection Software

Versa Line
Mobile Time and Frequency Solution

Missile Defense System

Spectratime mRO-50
Low SWaP-C Mini Rb Oscillator

Spectratime LPFRS
Rubidium Oscillator Source

GSG-8
Advanced GNSS Simulator

SARBE G2R ELT Evo
Emergency Locator Transmitter

8230AJ
Anti-Jam Antenna

GPSdome
GPS/GNSS Anti-Jammer

BroadShield
Jamming & Spoofing Detection Software

Versa Line
Mobile Time and Frequency Solution

Missile Defense System

Spectratime mRO-50
Low SWaP-C Mini Rb Oscillator

Spectratime LPFRS
Rubidium Oscillator Source

GSG-8
Advanced GNSS Simulator
Modular Mounted Assured PNT

Orolia delivers a modular, scalable system with flexible design to integrate internal and external IMUs, internal clocks and other PNT sources for Mounted Resilient PNT. The system is GPS SAASM ready with a defined path for M-Code and Galileo PRS. The flexibility of configuring inputs and outputs offers a unique and affordable advantage to meeting a broad range of PNT requirements.

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, even in GPS denied environments. With locations in more than 100 countries, Orolia provides virtually failsafe GPS/GNSS and PNT solutions to support military and commercial applications worldwide. Orolia is proud to be a trusted partner to NATO and allied forces.

www.orolia.com
sales@orolia.com