

NEW FROM SPECTRACOM

VersaPNT ASSURED PNT SOLUTION

The first compact, all in one, always-accurate positioning, navigation and timing solution



Lowest size, weight and power to keep all your airborne, ground and marine operations in sync and on track 24/7/365

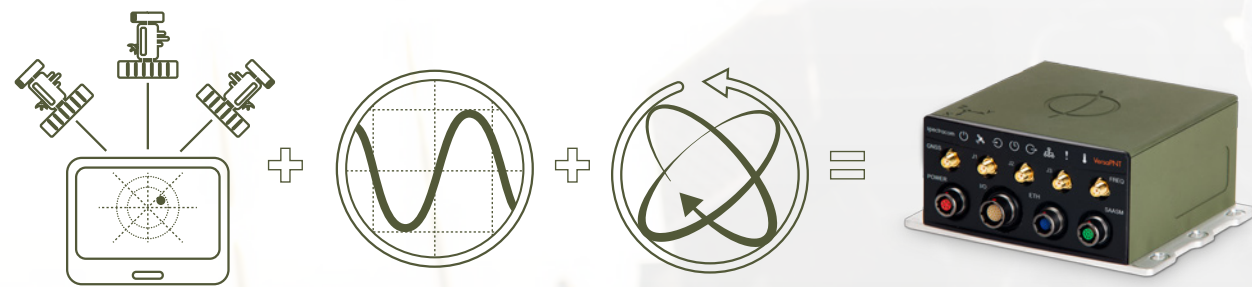
Don't be left in the dark about your position.

Whether your application operates in GPS-denied environments or is subject to jamming and spoofing, Spectracom's VersaPNT will make your system resilient against unwanted surprises.

Reliable performance surpasses the limitations of GPS

The days of dead reckoning on cloudy days may be a thing of the past, but the problem persists: Although GPS' accuracy has become the navigation gold standard, its reliability performance can be spotty -- particularly in hostile environments.

If your GPS signal gets corrupted or simply is not available, Spectracom has the solution: VersaPNT's integrated Inertial Measurement Unit (IMU), in combination with its precision oscillator, will provide your application with valid Position, Navigation and Timing (PNT) data until your trusted GPS signal is back.



VersaPNT means Versatility

VersaPNT will take any application that has a critical need for PNT data to the next level of reliability and accuracy. VersaPNT has been designed specifically for air/land/sea applications like:

- Observation payloads (reconnaissance, surveying)
- Mobile communication systems
- Land-based vehicle navigation
- Ground, maritime, and air tactical navigation
- ISR signal analysis
- Any mobile manned or unmanned platform requiring a PNT synchronization reference for command and control.

VersaPNT means Assured PNT

VersaPNT is a high-performance GNSS time and frequency source, network time server and inertial navigation sensor that delivers accurate, software-configurable position, navigation, attitude, time, and frequency signals under any circumstance -- including GNSS-denied environments.

GNSS receiver, multiconstellation, optional SAASM

- MEMs IMU with Kalman filter
- Holdover oscillator: OCXO, CSAC, or micro-Rubidium
- Applications requiring signal analysis support
- Any mobile manned or unmanned platform requiring a PNT synchronization reference for command and control
- Compatible with AJAS antenna technology for enhanced defense-in-depth

VersaPNT means Ruggedness

VersaPNT's compact size and high level of ruggedization makes it suitable for mobile applications in harsh environments.

- IP 65-rated against dust and water
- MIL-STD-810G (environmental durability)
- Shock and vibration resistant
- MIL-STD461F (EMI/EMC)
- Military-grade connectors

VersaPNT means unsurpassed Flexibility

VersaPNT minimizes size, weight and power (SWaP) by combining the PNT functions that are typically achieved only with multiple independent subsystems ... all in one portable unit with a modular architecture.

- Tailored hardware configurations: Oscillators, I/O connectivity, SAASM (M-Code Ready)
- Uses an internal IMU
- Software-configurable inputs and outputs
- User-friendly Web UI for complex remote configuration and maintenance, powerful CLI for advanced integration into local and remote system monitoring
- Compact VITA 75 form factor
- Conduction-cooled
- Compliant with industry standards (VICTORY, common protocols and interfaces e.g., NMEA, O183, HaveQuick, NTP, PTP...)
- For improved resiliency, optional interference detection and mitigation (IDM) software can be added e.g.,
 - STL
 - BroadShield
- Board-level OEM form factor available

Rest Assured with VersaPNT from Spectracom

USA
Orolia USA, Inc.
1565 Jefferson Road
Suite 460
Rochester, NY 14623 USA
Phone: +1.585.321.5800

France
Spectracom SAS
Parc Technopolis, Bat. Sigma
3 Avenue du Canada
91974 Les Ulis, Cedex
Phone: +33 (0) 1.6453.3980

www.spectracom.com



Why Spectracom?

Spectracom, an Orolia brand, brings you more than 40 years of expertise developing robust timing systems. VersaPNT is our newest solution, combining this experience with Orolia's expert knowledge in positioning and navigation.