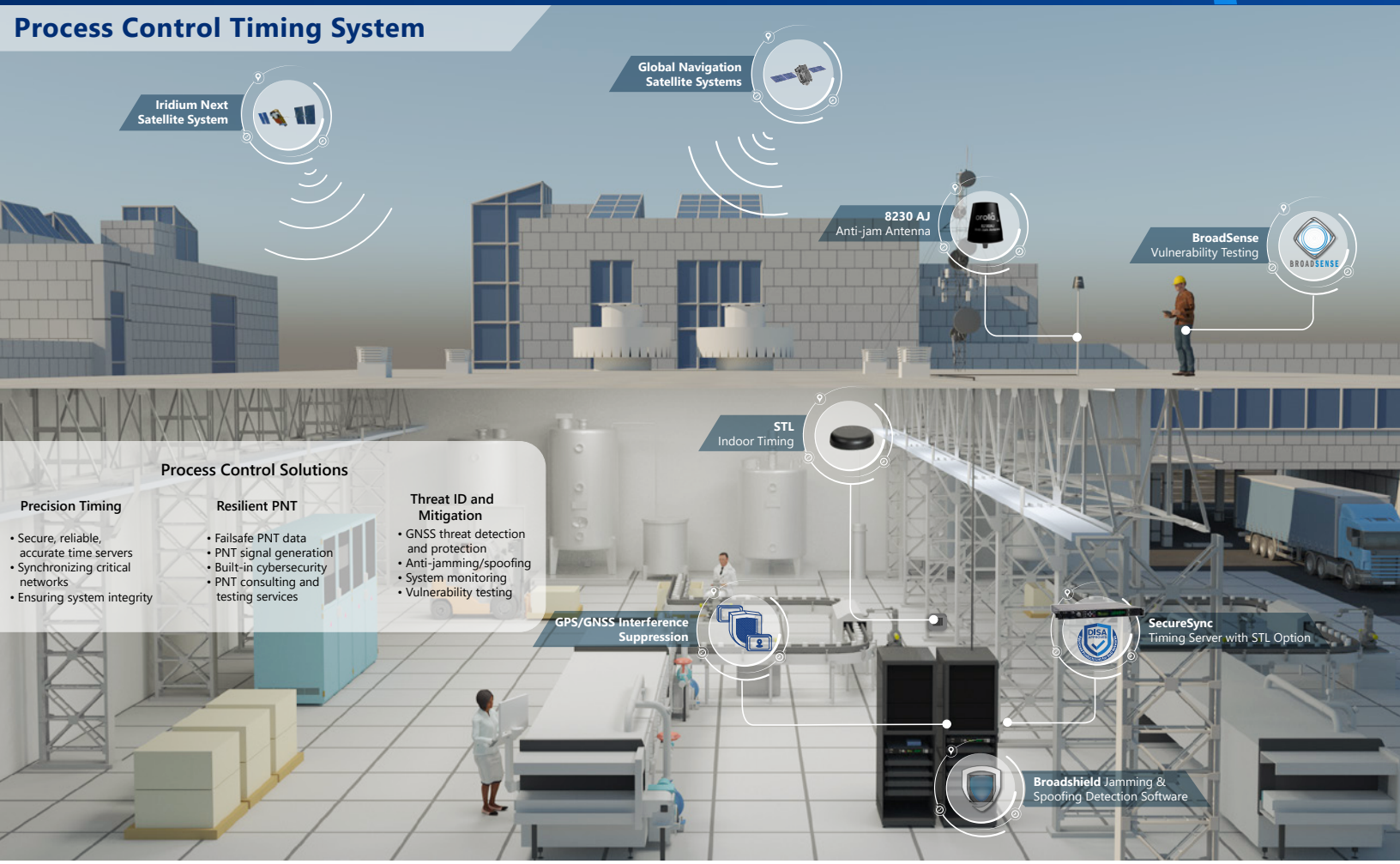
SecureSync® Resilient Timing & Synchronization for Process Control

Simply the Best Value in Timing and Synchronization



For industrial automation suppliers and system integrators who serve the process control market, timing and synchronization are critical core functions. Orolia's SecureSync® is the ideal timing synchronization solution because it is flexible, secure, proven, and cost effective.

SecureSync combines Orolia's precision master clock technology and secure network-centric approach with a compact modular hardware design to bring you a time and frequency reference system at the lowest cost of ownership.

Flexible

- Modular design – add the input and output you need, with option modules for full customization to meet your project needs, while utilizing a common platform for easy support
- More than 40 available option modules, providing support for dozens of timing and synchronization signals and protocols, including NTP, PTP, 1PPS, 10MHz, IRIG, and more
- Field upgradable so the I/O can adapt to meet changes in your requirements
- Full spectrum of oscillator options ranging from low-cost TCXOs to high performance OCXOs to rubidium atomic clocks
- Supports multiple GNSS constellations, including GPS, GLONASS, Galileo, BeiDou, and QZSS
- Also supports STL, an alternative signal to GNSS that uses the low earth orbit Iridium constellation to provide a secure, encrypted signal strong enough to work indoors without outdoor antennas

Secure

- The first time server approved by the US Defense Information Systems Agency (DISA), the government agency that qualifies IT and communications technologies for use by the Department of Defense and federal offices
- The only commercially available time server that offers anti-jamming/spoofing capabilities for unparalleled protection
- Secure network management: Enable or disable protocols for encryption, authentication, authorization, and accounting
- SSL web-based interface: SSL is used to secure HTTPS protocol to access configuration and status web pages
- SSH: SSL and data compression technologies provide a secure and efficient means to control, communicate with, and transfer data to or from the time server remotely
- Also supports SCP, SFTP, SNMP v3, IPv4/IPv6 dual stack

Proven

- Trusted by dozens of industrial automation and system integration industry leaders worldwide
- Trusted by hundreds of customers for critical applications in a wide range of industries, including public safety, electric power, pharmaceuticals, oil and gas, electrical/electronics, chemical, food/beverage, mining/metal, automotive/transportation, aerospace and defense, financial, and communications.
- Backed by an industry-leading five-year standard warranty

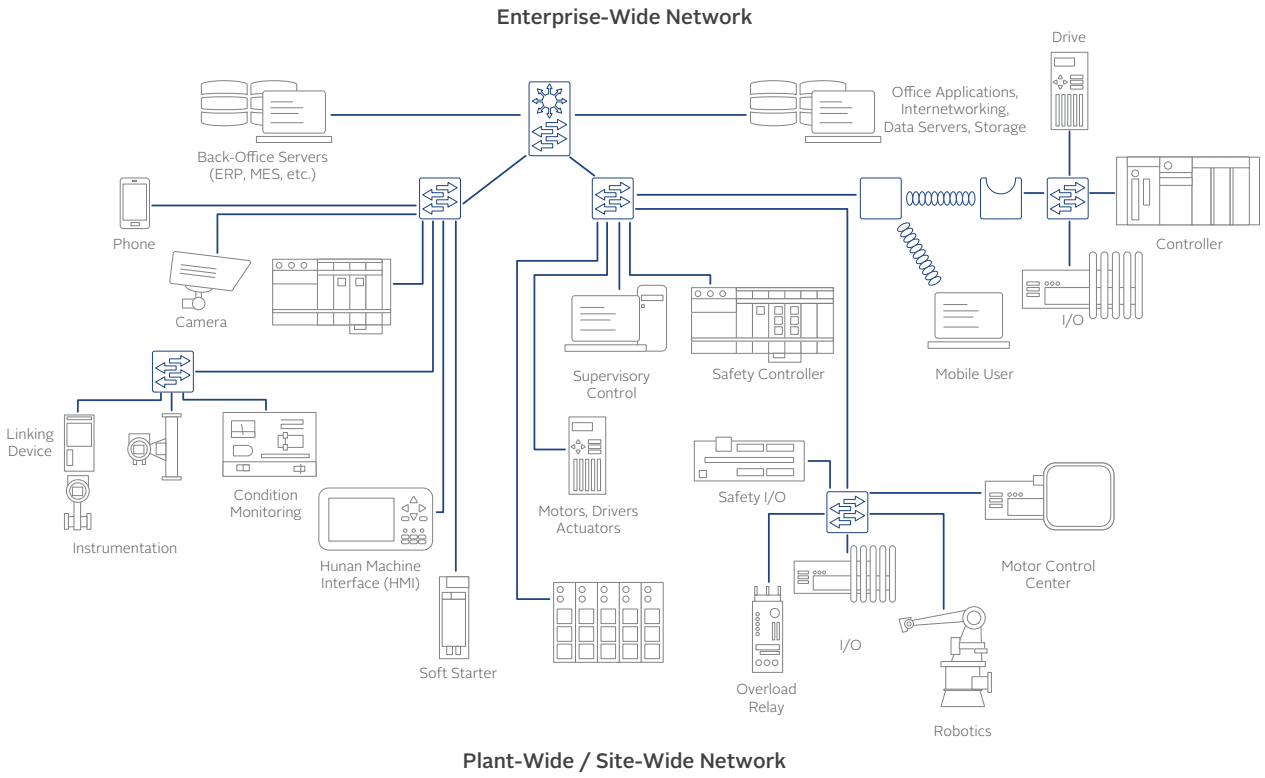
Cost-Effective

- Modular design lets you add only what you need to keep costs down
- Field upgradeability helps future-proof against changes in requirements. Simply change the modules, not the entire time server
- White labelling and customization opportunities available

Which applications benefit from SecureSync?

- Sequence of Events (SOE) and first fault systems
- High-speed process synchronization
- Motion control
- High speed product reject processes
- Synchronizing controller clocks
- Axis position registration

Converged Plant-Wide/Site-Wide Network Infrastructure



The world's most PNT-reliant systems trust Orolia.

About Orolia

Orolia is the world leader in Resilient Positioning, Navigation and Timing (PNT) solutions, even in GPS-denied environments. With a presence in more than 100 countries, Orolia provides virtualy 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

23 September, 2021. SecureSync® Resilient Timing & Synchronization for Process Control