

Life Is On

Wonderware
by Schneider Electric

Wonderware Operations Integration Servers

Seamlessly connect and integrate different devices and systems with supervisory HMI and historized data storage.

Operations Integration (OI) Servers from Wonderware® enable customers to realize tangible gains by providing the broadest set of connectivity options needed to support an industry wide, Industrial Internet of Things (IIoT) and cloud-ready communication strategy. The OI Server technology provides a single, common hardware-independent platform for all your connectivity needs, and can help you improve standards, simplify configuration, promote consistency and maximize communication uptime.

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Enabling a More Connected Enterprise

The Wonderware operations integration strategy links virtually every plant information device and source in a simple, cost-effective manner. Wonderware OI Servers not only extend connectivity, but also make server integration faster, more flexible, easier to implement, and highly available. With open communication standards, hardware agnostic connectivity and seamless configuration abilities, Wonderware OI Servers are enabling a more connected enterprise.

Wonderware OI Servers Key Value Drivers

- + New auto-build capability.
- + Seamless integration between InTouch, System Platform and PLCs.
- + Increased throughput.
- + Improved scalability and reduced application costs.
- + Elimination of single points of failure.
- + Maximized communication uptime.
- + Integrated support of multiple OI Server versions on a single node.
- + Co-existence with Wonderware DA Servers and DI Objects on a single node.
- + New site-based licensing.

Hardware and Vendor-Agnostic Connectivity

Built on Wonderware's open plant philosophy, OI Servers enable seamless configuration and integration between Wonderware InTouch, Wonderware System Platform and major PLC brands, ensuring that you receive timely, actionable insights from your plant data. Our OI Services connect to any OPC UA Server and support open communication connectivity protocols such as MQTT, OPC DA, and OPC UA.

Improve Connectivity and Engineering Efficiency

- + **Auto-Build:** Reduce PLC connectivity configuration efforts by almost 50% with the ability to automatically read and structure PLC program based on current schema.
- + **Multi-Instance Support:** Consolidate scattered architectures by running multiple, completely independent instances of the same driver in a single node.
- + **Parallel Independent I/O Processing:** Improve your overall throughput and performance per driver and per node.
- + **Single Node Side-by-Side Upgrades:** Run previous driver versions while adding a new driver version of the same driver protocol for growth without disruptions.

Excellence Is a Purpose We Share with Our Customers

Wonderware is committed to being your long-term automation partner, backed by a world-class global network of technical support personnel, distributors, system integrators and VAR/OEMs, ready to assist you in every corner of the world.

To empower your operations, visit:
www.wonderware.com/OIServers