# What's New in ThingWorx 9.7

**Performance, Scalability, Reliability and Security**

- New feature, Data Ordering, ensures data is processed in the exact order it is received even if they're submitted across separate systems. This guarantees accurate and precise calculations to help address critical needs that require serialized data processing.
- The introduction of partitioned value streams creates quicker queries and easily cleans up large data sets to help streamline data management, enhancing performance and scalability for large-scale operations.
- Application responsiveness is optimized by easy loading capabilities within grid components which creates a seamless user experience
- Additional security measures take shape in the support of Java 21 and Phase-2 integration of TLS 1.3. Both works together to deliver advanced encryption protocols and enhanced memory management, helping to secure communication across platforms.

**Developer Productivity**

- New enhancements to Mashup Builder (binding filtering, container zooming, intuitive design tools) deliver additional functionalities to make application development faster and more efficient.
- Addition of new widgets such as Menu Button widget, and Timer widget along with Grid enhancements to allow Inline editing, bulk selection and column lazy loading helps ThingWorx developer for rapid development
- The Eclipse plugin benefits developers by ensuring compatibility with modern tools and technologies.

**ThingWorx Solutions Updates**

- Connected Worker Cells (CWC) gains improvements to streamlined workflows, traceability, and operational efficiencies. With Route Versioning, manufacturers can revise and track work cell routes for serial numbers, routes, and associated work instructions.
- New KPIs and reporting tools provide actionable insights at the factory line, site, and enterprise levels, helping to measure efficiency, reduce downtime, and improve productivity levels.
- Administrators can now mute assets to minimize data overload and interrupted operations.
- Large-scale deployments are fostered through software content management to reduce downtime and drive device performance.