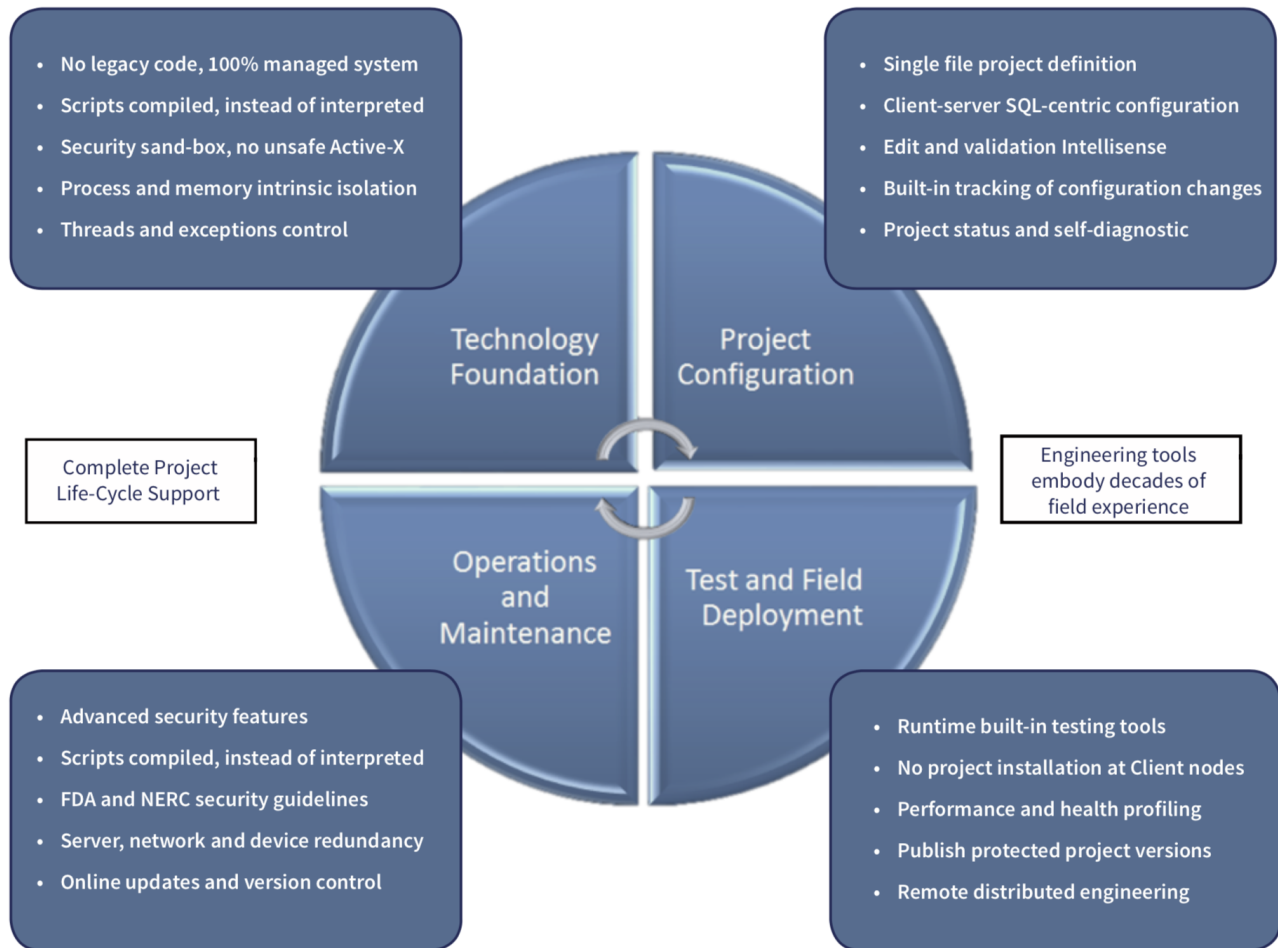


Tools for Diagnostics

FactoryStudio has a complete set of tools to assist developing, testing, diagnosing, and commissioning your projects for field installation.



Technology Foundation

A solid foundation is required to achieve operational stability. **FactoryStudio** was designed by carefully selecting secure, efficient, flexible, and modern technologies; all without carrying undesirable legacy baggage.

Project Configuration

For projects that were created with tools from other software, many errors that occur in the field result from undetected configuration errors that occurred during the development of the project. Instead of the run-try-and-fail from the past, **FactoryStudio** has added many features that target consistency checks and complete configuration verification in the engineering environment.

Test and Field Deployment

Possible errors and famous SCADA viruses, such as Stuxnet, were due to deployment security breaches. **FactoryStudio**'s design includes specific features to simplify and secure field deployment.

Maintenance and Operations



Track Project Changes

- Each configuration row has the date it was created and modified.
- A summary view of every change made to each table is available.
- Build commands can create project labels and save partial, uncompleted versions.
- Publish command creates runtime-only projects with release version control.
- FactoryStudio automatically logs who changed what for all project configurations.

Operational stability, the number one requirement of most automation systems, is based on a chain that embraces the complete project life cycle: the Selection of Technologies, Project Configuration, Test and Field Deployment, as well as Operations and Maintenance.



See “*Run and Test Projects*” for more information.