





STAXTM

Manufacturing Test Platform

The Bridge Between Development and the Plant Floor

Drive higher-quality testing and automation while lowering support and development costs. Whether you have a team of software engineers, or depend on outsourcing for controls, STAX can help your company leverage the power of LabVIEW and National Instruments hardware for manufacturing test and automation.

STAX bridges the gap between custom LabVIEW applications and traditional controls philosophy with an embedded plugin architecture for creating sophisticated programs that can be maintained by plant personnel.



LabVIEW

STAX Automation Technology

User Thread

Standard Signal.X Thread

- PLC Comms
- OPC UA
- Shield, etc.

Custom Signal.X Thread

- YCE
- High-Speed PID, etc.

Ladder Logic

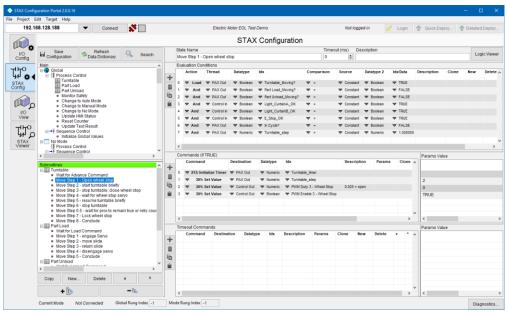


National Instruments Hardware



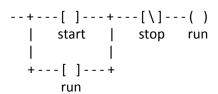


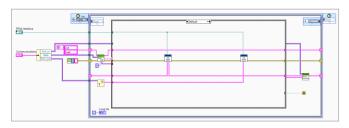




From LabVIEW to Ladder

Create custom threads or use standard templates from Signal.X to maintain and modify machinespecific I/O, communications, and more, all while keeping a standard logic interface to the controls engineer.





Control and Automation

Remove barriers to customizing logic and execution with STAX through the built-in configurable logic engine. Use the modular and scalable architecture to build the solution that works best in your plant.



About Signal.X Technologies

Since 2004, Signal.X has specialized in test & measurement products for noise and vibration (NVH), production and laboratory test automation, functional test design, large data management, and custom application development.