

## Supervisory Control and Data Acquisition (SCADA)

In case you were not aware, SCADA stands for “Supervisory Control and Data Acquisition”. These systems provide centralized monitoring and control of all instruments and processes within a facility. Just as each facility is unique, so is the type, size, and scope of SCADA systems. Things to consider when putting together a SCADA solution include the size of the facility, types of controls, information required, security concerns, user interface requirements, number of points, and the level of security.

### Honeywell Experion Solution

Experion SCADA is a powerful software platform with innovative applications for a superior human-machine interface (HMI) and a highly scalable, integrated multi-server system. The George T. Hall Company is an authorized integrator and distributor of Honeywell Process controls and software solutions. Our sales and technical personnel are able to assist with your migration to the Experion PKS System or the Experion LX DCSSystem.

### Experion PKS

Honeywell’s Experion Process Knowledge System or PKS, integrates an advanced automation platform and innovative software applications to improve business performance. It is the only automation system that focuses on people - making the most of the knowledge they hold. By integrating disparate data across facilities and feeding it into a unified automation system, Experion PKS provides more proactive and efficient facility operations.

### Experion LX

Honeywell’s Experion LX System is a purpose-built DCS, which leverages the proven Experion PKS technology to effectively meet process automation requirements in continuous and batch process control applications. This flexible automation system is simple to use and configure and works well in a wide range of industries.

Reasons to Choose Experion LX:

- Increase operational uptime
- Improve plant reliability
- Optimize process efficiency
- Integrate third-party solutions



### Wonderware Historian Client

The Historian Client from Schneider Electric greatly simplifies the visualization and delivery of data, allowing your plant operators to quickly troubleshoot problems and study potential process inefficiencies. The system integrates with business applications to deliver data-trend and numerical data analysis using Microsoft Excel, and comprehensive data reporting using Microsoft Word. Historian Client also offers the capability to publish real-time and historical plant information to the Web or company intranet site using Wonderware Information Server. Learn more in their video titled, *“Adding a Wonderware Historian provides greater insight into your process”*.

### Schneider Electric ClearSCADA

SCADA Expert ClearSCADA is an open software platform that provides powerful features for remote management of critical infrastructure. It is scalable for large enterprise environments and effective for small systems alike. Historical field data is collected by single or redundant servers over dedicated long-distance communication infrastructure and made available to local and remote users via integrated clients and third-party data management applications. ClearSCADA allows you to control costs and maximize productivity, all while ensuring secure and reliable operations across wide area network. As an Authorized Solution Partner for Schneider Electric, George T. Hall Company is able to assist with system design along with programming and project management for Schneider, Wonderware, and ClearSCADA upgrades. Contact the GTH location near you today!

### Industry News - ISA launches SCADA Standards Committee

ISA’s Standards & Practices Board has approved a new committee to be designated ISA112, SCADA Systems. This committee will develop standards and technical reports for the purpose of improving the overall reliability of SCADA system design, installation, integration and operation of the infrastructure for pipelines, water and wastewater, power, oil and gas, and other industries.

*Interested in learning more? Visit [www.isa.org](http://www.isa.org).*