OASyS Product Family Overview

Today’s business IT environment is faster and more complex than ever. While new technology solutions bring rapid improvements, each one gives you more to learn and manage. Is there one robust, easy-to-use, centralized, standardized platform you can use to manage all these tools?

Leveraging decades of experience across numerous industries, Schneider Electric has become a provider of choice for many of the world’s most influential companies. Key decision-makers have come to know that Schneider Electric is the first and last place to look for products that provide just the right combination of features. These leaders appreciate that the flexibility of Schneider Electric products allows them to incorporate their own ideas for a unique, competitive advantage. Schneider Electric OASyS Dynamic Network of Applications (DNA), the SCADA solution from Schneider Electric, enables you to combine our products and services with yours — and even products from our partners and competitors. It’s built on open architecture, using common standards, and allows you to blend existing tools, new custom applications, and your SCADA system for a configured solution that perfectly meets your needs.

Schneider Electric OASyS is a highly distributed real-time platform that makes the most of supervisory control and data acquisition (SCADA) standards. It combines the systems your business already relies on with technological solutions from our many software suites, our trusted partners and even our competitors. You benefit from best-in-class choices all tailored to the unique needs of your business.

Schneider Electric OASyS DNA

Schneider Electric OASyS DNA is the overarching application and strategy on which the entire Schneider Electric SCADA framework relies. It seamlessly integrates every tool you need under a single umbrella of centralized, standardized hardware and software. Your users experience a uniform, intuitive interface offering vital information — in real time.
One robust, easy-to-use, centralized, standardized platform for the entire Schneider Electric SCADA framework
As with biological DNA, Schneider Electric OASyS DNA provides the fundamental building blocks of the organism that is your enterprise. Instead of the cascading dependencies of a traditional hierarchy, blocks can be added, moved or removed as needed while maintaining the overall implementation. This system’s design yields a variety of key strategic benefits:

- **Security** — Because Schneider Electric software must work in industries that comply with the mandates of many countries, tools to harden your system for any need are built in.

- **Innovation** — Schneider Electric OASyS DNA delivers high-value solutions with increased security and reliability to provide maximum return on your IT investment. Staying abreast of technology developments allows Schneider Electric to keep customers near — but not too near — the cutting edge.

- **Standards** — Key industry and Schneider Electric standards permeate every application to produce predictable results. But the system is flexible enough that you can tailor it to your existing infrastructure instead of building from scratch.

- **Responsiveness** — Schneider Electric OASyS DNA middleware connects and communicates with the various modules to enhance responsiveness. The use of push technology to send data the moment it becomes available accelerates data delivery to real time. Key personnel can act earlier, compounding the value of their decisions.

- **Reliability** — Thanks to system-wide monitoring, at the first sign of trouble, field-proven redundancy automatically takes self-healing measures. The system uses the least intrusive course of action to recover. Equipment with extra capacity steps in to maintain data and system integrity.

- **Longevity** — with its open architecture, your Schneider Electric system is designed to maximize your IT investment for years to come.
OASyS Product Family Overview

**Alarm Manager**
Schneider Electric Alarm Manager is a drop-in infrastructure addition that provides a full set of notification management tools.

Operators gain a heightened sense of overall system status while attending to what matters most. The system’s nuisance alarm configuration allows you to adjust thresholds until the system presents only truly important events. All alarms are stored for later analysis to:

- Review real-time and historical event grids to visualize performance
- Chart performance trends
- Pinpoint problem areas or instruments
- Link operator behavior to alarm activity and compare to best practices.

All notification functions can be centralized on a single server to minimize costs or split to take advantage of existing infrastructure, or to meet security requirements.

**Schneider Electric Station OASyS**
Schneider Electric Station OASyS addresses the specific needs of stations as part of a much larger network. Schneider Electric Station OASyS gives stations the individual attention and robust tools to make them full participants in the daily operations of your enterprise. System features include real-time performance, advanced alarm management, historical and real-time trending and strong security.
ezXOS
ezXOS goes beyond human-machine interface (HMI) or simple screen design to become an extremely configurable visualization tool. The static displays of simple terminals are replaced with effective combinations of color, graphics animations and on-the-fly data formatting. Using the familiar look and feel of Windows® and a collection of current tools like the .NET framework, VB.net scripting and ActiveX, ezXOS gives you the ability to display just about anything you can imagine. Security can be as tight and as innovative as needed with the use of single sign-on coupled with SmartCards or fingerprint readers. All security ties to advanced directory services.

Schneider Electric myOASyS
Schneider Electric myOASyS is a real-time HMI substation automation solution that is powerful, secure and cost-effective. Used in conjunction with Schneider Electric Station OASyS and a full Schneider Electric OASyS DNA master system, it dramatically reduces your total cost of ownership. Hardware alternatives from thin clients through high-end workstations give your information technology staff the ability to meet each user’s needs with the right amount computing power with minimal cost and complexity. Strong security behind a standardized interface provides easy access to screens that require minimal time to learn and use. If help is ever required, support personnel can provide remote assistance, completing many repairs and upgrades over the wire.

Future-proof your business
When you have Schneider Electric OASyS on your side, you take control over the technology needed to keep up with rapid, complex and unforeseen business change. You gain peace of mind with sophisticated SCADA systems that support your diverse information needs in real time. Choose Schneider Electric OASyS today, and exceed your information needs tomorrow.

System features include real-time performance, advanced alarm management, historical and real-time trending and strong security