



AVEVA™

OASYS SCADA

OASyS SCADA is our leading enterprise Supervisory Control and Data Acquisition (SCADA) software focused on the safe and efficient monitoring and control of critical oil and gas pipeline operations. A highly distributed and secure real-time platform, OASyS SCADA integrates with our advanced pipeline operations applications to deliver superior operational awareness and industrial intelligence to the control room and business.



Overview

Leveraging decades of experience AVEVA has become a provider of choice for many of the world's most influential Oil and Gas pipeline and Gas distribution operators. Key decision makers have come to know that AVEVA is the first and last place to look for products that solve their business problems. These leaders appreciate that the flexibility of AVEVA products allows them to incorporate their own ideas for a unique, competitive advantage.

OASyS SCADA 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 industry. You benefit from best-in-class choices all tailored to the unique needs of your business.

OASyS SCADA

OASyS SCADA is the overarching application and strategy on which the 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.

As the foundation for your enterprise, OASyS SCADA gives you the flexibility to add, move or delete blocks as needed while maintaining the integrity of the overall implementation. This system design yields a variety of strategic benefits including:



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



Innovation — OASyS SCADA delivers high-value solutions with increased security and reliability to provide maximum return on your IT investment. Our collective technological expertise, coupled with our ongoing R&D commitments ensures we continued to deliver world-class innovative solutions to you.



Responsiveness — Our 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 allowing personnel to save valuable time and minimize operational disruption by acting fast.



Standards — Key industry and AVEVA 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.



Security — Because AVEVA works across multiple industries and geographies we need to ensure we comply with the evolving mandates of several countries. As such our software is protected with the necessary security tools to help bolster your system's security.



Longevity — with its open architecture, your AVEVA system is designed to maximize your IT investment for years to come.

When you have OASyS SCADA on your side, you take control over the technology needed to keep up with rapid, complex, and unforeseen business change.

Alarm Management

AVEVA delivers 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.

Human Machine Interface

OASyS SCADA goes beyond human-machine interface (HMI) or simple screen design to become an extremely configurable visualization

tool. Static displays of simple terminals are replaced with effective combinations of color, graphics and animations, and real-time data formatting that improve controller situational awareness while reducing fatigue. AVEVA has worked extensively with the industry to focus on configuration over scripted displays to enable fast and efficient display rendering as required for critical infrastructure systems. At the same time, the HMI has been designed to improve regulatory compliance, conforming with industry recommended practices (API RP 1165) as well as evolving corporate standards and policies.

Future-proof Your Business

When you have OASyS SCADA 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.

For more on OASyS SCADA visit

<https://sw.aveva.com/monitor-and-control/hmi-supervisory-and-control/oasys-scada>

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