

KPIView

Executive Dashboards



Keep Up With Your Operations From Any of Your Devices, Accessing Your Most Important Indicators in Real Time

KPIView

A self-service dashboarding tool for KPIs, alarms and trends that allows for the creation, saving and loading of dashboards while providing a user friendly interface.

Any Glass, Anytime



Industry Challenges

Organizations involved in industrial automation face increasing complexity in integrating a variety of information from a multitude of sources, including IT, MES, ERP and real-time automation systems. The proliferation of mobile devices in the workplace has further complicated the ability to manage operations in a secure, distributed fashion.

The Solution

SMAR KPIView is an application that runs on web browsers and hundreds of different phones, tablets, and can scale to thousands of devices.

KPIView delivers real-time visualization, trends and alarm notifications without compromising security. The simplicity of this app is in its installation, configuration and operation. KPIView addresses the growing need for connectivity away from operator stations, allowing personnel to monitor and optionally control from anywhere. The consistent user experience across any device enables teams to mobilize without requiring any upfront investment in device standardization.

“

KPIView gives me the freedom to go wherever my attention is needed and to have my entire operational dashboard in the palm of my hand.”



NOTIFICATIONS

VISUALIZATION

KPIs and Dashboards

SMAR provides a consistent user experience across all devices and operating systems using Smart Tiles and responsive technology. KPIView delivers secure self-service executive dashboards with real-time and historical data, alarms, drag-and-drop KPIs and powerful analytics BI tools.



TRENDS & MORE

Analytics and Trends

View and analyze KPIs such as OEE, downtime, Cpk, energy consumption, faults, product quality and other metrics using highly intuitive role-based and interactive analytics and charts. **KPIView BI** technology empowers users to compare real-time and historical data from any device and instantly make informed decisions.

Asset Management

KPIView includes innovative **ISA-95 standards-based** asset technology. Whether assets represent physical equipment such as energy meters, buildings, machines, water operations, oil and gas **equipment or virtual assets** representing application parameters, it is easy to navigate, visualize, monitor and control from any tablet, phone or web browser.

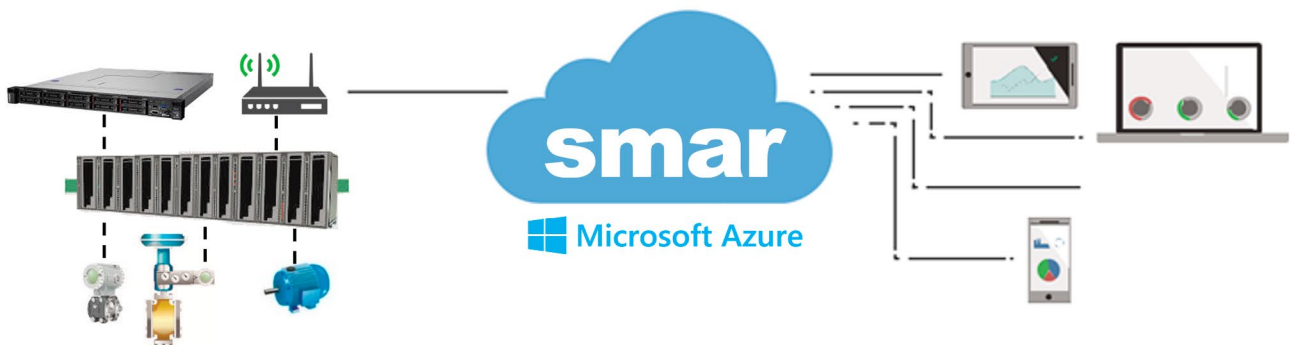
Universal Connector

SMAR' universal connectors simplify creation and deployment of applications and solutions. Easily access real-time, alarm and historical data while maintaining compliance with standards and certifications for OPC Classic, OPC UA and BACnet Advanced Workstation. KPIView supports web services, SNMP and data base access to SQL Server, MySQL and other popular databases.

IoT and Cloud Ready

Automation systems are evolving from a world that is server-centric to one that is services-centric. This transformation requires innovation in cloud and mobile device software solutions to operate from anywhere at anytime.

SMAR is leading the way in cloud-based solutions to help its customers embrace the Internet of Things (IoT). SMAR iloTView solution uses new IoT software technology to create secure cloud-ready solutions for industrial applications. Based on SMAR' proven HMI/SCADA, data historian, analytics, and mobile products, a new generation of SaaS and IoT applications are now possible with iloTView. The convergence of these powerful technologies provides simple yet highly secure real-time, site-to-cloud communications, truly leveraging the benefits of the Industrial Internet of Things and Industry 4.0.



Apps for Any Device

Designing displays for mobile devices is simple and easy. Displays retain visualization and functionality across device sizes and aspect ratios. Navigation features and images fit neatly on any size screen. The difference is in the setup; on mobile devices, aspect ratio governs the appropriate layout rather than screen resolution, which has historically been a principal factor in desktop HMI. With KPIView, users have the ability to choose from a variety of preconfigured devices (e.g., Microsoft Surface™, iPhone®, iPad®, Android™ phones or tablets) that include resolution, aspect ratio and a faceplate to mimic the look of your application on the selected device. KPIView's responsive design optimizes interactivity and streamlines deployment.

Scalable Universal Apps for Windows

KPIView for Windows, Microsoft Surface and Windows Phone is designed using the Windows architecture from Microsoft. Windows Apps install natively on Windows clients and provide a highly integrated experience. KPIView takes full advantage of HTML5 technology for truly portable displays. This creates a single configuration with multiple uses depending upon client type.

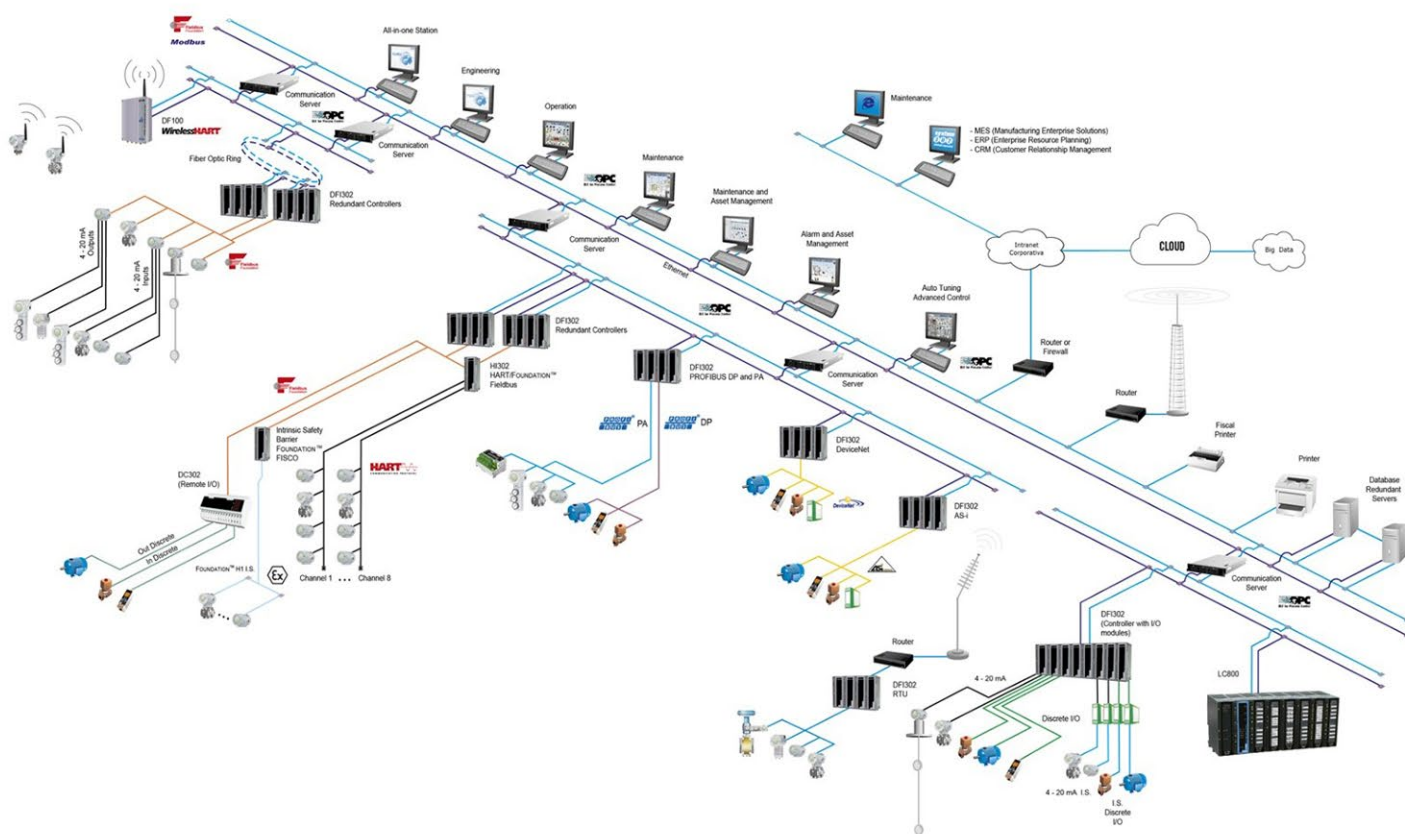
Device Independence with HTML5 Technology

With the number of operating systems and devices growing yearly, web-standard HTML is the solution to providing HMI/SCADA to every device. HTML5 is the newest update to web technology and SMAR is utilizing its prevalence on mobile devices to deliver information to iOS and Android operating systems. This empowers users to truly create device-independent displays.



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Open Digital Ecosystem

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