Improve energy efficiency and streamline maintenance

Get compressed air visibility and identify opportunities to optimize energy consumption with a ready-to-go solution

- Complete, easy-to-implement pre-engineered system combines airflow sensors, edge computing technology and advanced analytics and monitoring software

- Unlock pneumatic data at the machine, line and facility level to detect and address inefficiencies and waste faster, jumpstarting efforts to boost energy savings and sustainability

- Rapidly calculate, visualize and track key performance indicators (KPIs) with pre-installed software for continuous energy monitoring

- Spend less time manually checking for leaks by identifying specific machines with issues, set thresholds and generate real-time alerts, reducing labor costs and reducing stretched workforce

EMERSON™

The Emerson Compressed Air Manager is a fully integrated monitoring system that combines edge hardware and software in one technology platform. It unlocks pneumatic consumption data across the factory floor and delivers actionable insights that scale in the cloud.

Rather than piecing together sensors and software from multiple vendors, start monitoring compressed air quickly. Installation-ready, the Compressed Air Manager combines sensors with edge gateway hardware and analytical software tailored specifically for compressed air monitoring and visualization. The platform also features an industrial power supply and a Power over Ethernet (PoE) switch to deliver power to smart airflow sensors using existing Ethernet cabling.

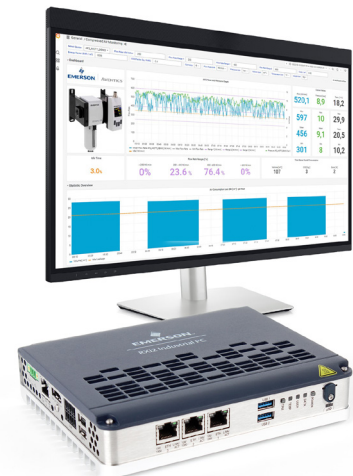## Pre-engineered intelligent enclosure, hardware and sensors

- The enclosure combines edge hardware with embedded software, connectivity components and power control solutions so users can quickly scale monitoring across multiple machines and lines

- Easy to integrate and operate at the point of use, the AVENTICS™ AF2 air flow sensors are used in a wide range of machines and production lines and can be configured to measure flow, pressure and temperature

- Connect seamlessly to your machines and plant systems with the PACSystems™ edge computing system that is pre-loaded with Emerson's PACEdge™ edge software

- PACSystems edge computing platform provides improved real-time operations monitoring, easy integration into plantwide systems, strong computing and graphic visualization capabilities, all packaged in a compact, small form factor module

- SolaHD total power control solutions keep production lines operating efficiently while keeping workers, equipment and information safe from damage

Real-time insight into compressed air performance

- Pre-installed on the PACSystems edge platform, the RXi edge analytics package simplifies access and visibility to plant productivity, performance and energy usage with intuitive, pre-configured analytics

- Easily configure dashboards and set critical KPIs that benchmark compressed air consumption at multiple levels

- Visualize consumption trends, costs, machine and line performance benchmarks and CO2 impact to rapidly identify leaks and other issues

- Upgrade preventive maintenance practices and replace time-consuming manual data gathering with real-time automated data collection and reporting

Discover how the Compressed Air Manager makes it easy to quickly optimize energy use, improve pneumatics performance and reach decarbonization goals across your operations.

Select your own Compressed Air Manager.

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