

HMI/SCADA is Key in Preventing Unplanned Downtime

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ABSTRACT

We are in the midst of a massive paradigm shift in the manufacturing industry. The explosion of data and the expansion of connected systems are forcing organizations to take a proactive role in managing their operations. In turn, the HMI/SCADA landscape is changing as well. Organizations must increase their operator effectiveness by mobilizing to improve plant business performance, turning data everywhere to actionable knowledge – and keeping these infrastructures up-to-date.

Some engineers have a “if it ain’t broke, don’t fix it” mentality, without realizing that continuing to use obsolete ways to collect, connect, and act upon vast amounts of production data from anywhere will inevitably lead to higher, hidden costs associated with big repairs and unplanned downtime. Furthermore, aging applications and devices may not work in the future, so migrating applications will help prevent costly compatibility issues. Failure to embrace new tools and capabilities will make it impossible for many businesses to stay competitive, thus becoming obsolete in the process.

The key is for organizations to benefit from the current technology and new functionalities available to minimize risk before unplanned downtime and disaster occur. During this presentation, Matthew Wells, General Manager, Automation Software, will discuss how cloud-based solutions, virtualization and web-enabled architectures are helping customers harness the power of the Industrial Internet and leverage Real-time Operational Intelligence.

ABOUT THE AUTHORS



Matthew Wells has 15-plus years of experience in Solution Implementation, Product Development and Marketing for Industrial Automation and Manufacturing Operations Management Software. As a General Manager at GE Intelligent Platforms, he is responsible for leading the global Automation Software business with a focus on of industrial implementations/solutions for both manufacturing and infrastructure industries.

Matthew joined GE in 2001 and prior to this position he served in a number of roles with GE Intelligent Platforms including Services, Strategy Development, Product Management and Product Marketing. As a result, he has worked with a large number of customers in a wide variety of vertical industries including Life Sciences, Food & Beverage, Automotive, Metals, and Pulp & Paper. In addition, he has a patent application in his name.