Smart Devices: The eyes and ears of efficient machines and equipment

Unless you are aware of what is happening on machines installed in factories minute-by-minute, it is impossible to maintain optimum productivity and efficiency at all times, or to avoid unplanned downtime and loss of production. Conventional sensors typically give on or off status. They lack the capability to communicate diagnostic or parameter data to the controller.

An integrated smart solution provides all the data required to create a comprehensive picture of the status of the machine or production line. As integral components of The Connected Enterprise, Smart Devices are the first step in going from the real world to the virtual world.

Integrated smart solutions can help provide at least 5–10% Production Increase

Our integrated smart solution

A truly connected enterprise has real-time control and information available across platforms and devices within the organization. When it comes to linking end point devices on the plant floor to The Connected Enterprise, our Integrated Architecture leverages smart sensors and I/O to deliver information, advanced functionality and flexibility, increasing efficiency machine- and plant-wide.

- Increase productivity
- Minimize downtime with continuous process and diagnostic data
- Enable faster product change-overs
- Speed-up machine commissioning
- Enable smarter machines for use in The Connected Enterprise