

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.

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.

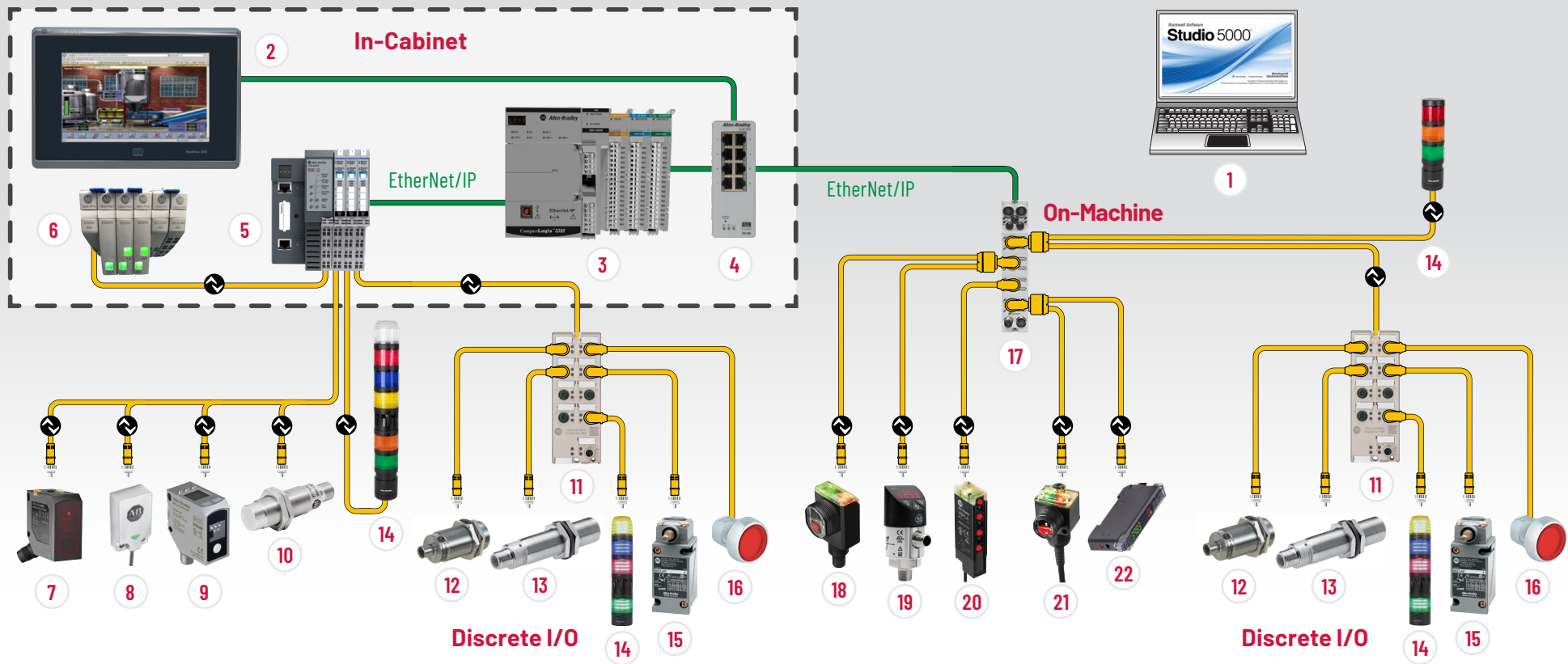
- Increase productivity
- Minimize downtime with continuous process and diagnostic data
- Enable faster product change-overs
- Speed-up machine commissioning
- Enable smarter machines for use in The Connected Enterprise

Integrated smart solutions can help provide at least

5-10%

Production Increase









Item Number	Description
1	Studio 5000®
2	PanelView™ 5510
3	CompactLogix™ 5380
4	Stratix Switch
5	1734-4IOL Point I/O IO-Link Master
6	1694 Electronic Circuit Protector

Item Number	Description
7	45DMS Distance Measurement Sensor
8	871FM Mini Flat Pack Proximity Sensor
9	46CLR ColorSight™ True Color Sensor
10	871TM Tubular Stainless Steel Sensor
11	ArmorBlock IO-Link Hub
12	872C WorldProx™ Tubular General Purpose Inductive Proximity Sensor

Item Number	Description
13	871C Tubular Extended Temperature Sensor
14	856T Control Tower™ Stack Lights
15	802T Oiltight Limit Switch
16	800F 22 mm Round Operator
17	1732-E8IOLM12R ArmorBlock IO-Link Master

Item Number	Description
18	42AF RightSight™ M30 Sensor
19	836P Solid-State Pressure Sensor
20	45PLA Polarized Light Array Photoelectric Sensor
21	42EF RightSight™ Sensor
22	46DFA DIN Rail Fiber Optic Amplifier

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AMERICAS: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444
 EUROPE/MIDDLE EAST/AFRICA: Rockwell Automation NV, Pegasus Park, De Kleetlaan 12a, 1831 Diegem, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640
 ASIA PACIFIC: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846

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