



# Smart Manufacturing solutions

We help our customers create future-ready pharmaceutical manufacturing and biotech facilities.

HMI & DATA INTEGRATION

# Smart Manufacturing

## Boost Manufacturing Efficiency

### Digital Process engineering

Start your digital asset life-cycle  
Reduce time to market and improve  
operation and maintenance consistency.

### Process Automation

Innovative control solutions for single  
use, batch and continuous  
pharmaceutical production process

### Smart Machines & Robotic

High speed motion automation offer  
and know-how for outstanding  
performance

### Process Analytical Technology

A range of process analyzers and tools to support  
PAT initiative and improve product quality

### HMI and Data Integration

IoT ready system platform for better  
collaboration and reduced TCO

### Industrial Information Management

Transformation of your data into actionable  
knowledge and wisdom

### Recipe and Batch Management

Best in class solutions for management of  
flexible production process in regulated  
environment

### Manufacturing Operation Management

Multi-site IT platform for best in class operation,  
performance and quality

### Simulation & Augmented Reality

Helping you to better understand your complex  
process and take efficiency to the next level

# HMI & Data Integration (1/2)

IoT ready system platform for better collaboration and reduced TCO.



- Our solutions enable operational excellence, providing deep operational insight as the basis of real-time performance management.
- You can then experience the real-time operations control platform for supervisory, HMI, SCADA, and IIoT.

# HMI & Data Integration (2/2)

IoT ready system platform for better collaboration and reduced TCO.



## The Solutions

- [AVEVA System Platform](#)

Explore offers by AVEVA

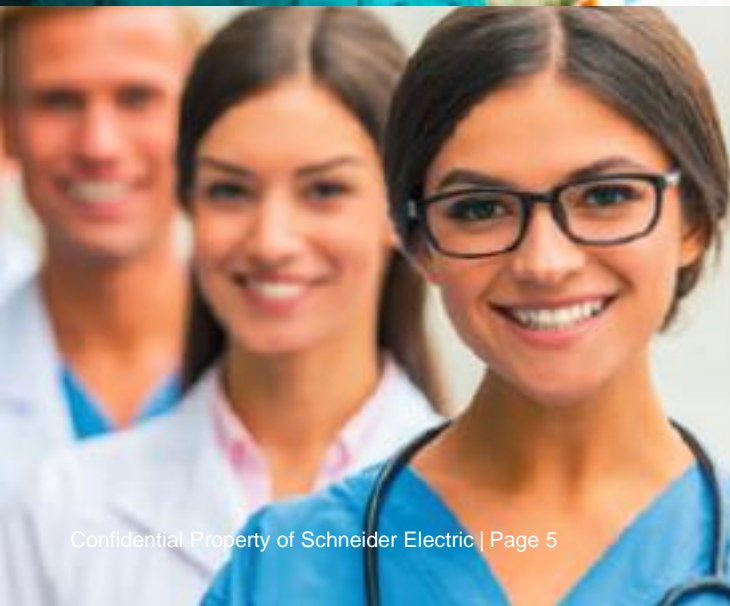
## The Benefits

- 80% reduction in engineering effort
- 40% increase in operator effectiveness
- 100% reusability of the initial investment



# Baxter S.A., Belgium

Implementing electronic equipment monitoring system



## Customer Challenge

- Automation system for a new production line to be fully compatible with existing architecture and systems
- The new automation system needed to assist in achieving FDA 21 CFR Part 11 compliance regulations
- New system should integrate Profibus-connected smart sensors into the new manufacturing line process

## The Solution

- Aveva System Platform
- InBatch, Historian, InTouch

## Customer Benefits

- Solution allows to double manufacturing's productivity
- System Platform has enabled the BiiON engineers to create roughly 35 reusable generic objects, which are stored in a central library

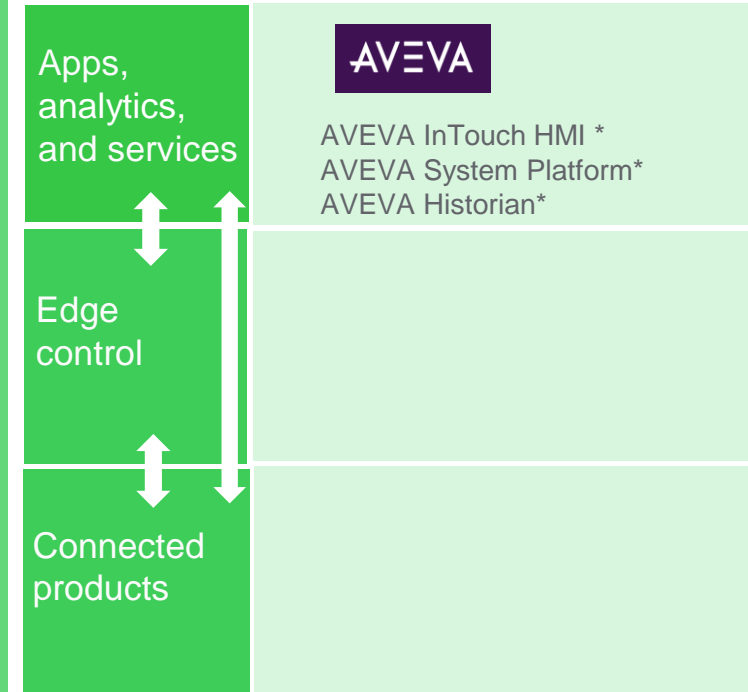
## The Results: Life is On with...Manufacturing processes fully traceable & compliant

“To be successful, strategic projects require excellent collaboration between the customer, the software vendor and integrator. By establishing the automation framework, Aveva software solutions enabled our project teams to focus on productivity targets.”

Serge Bassem  
Chief Executive Officer at BiiON  
(Baxter System Integrator)

Global diversified healthcare company, with unique combination of expertise in medical devices, pharmaceuticals and biotechnology to develop products that advance patient care worldwide.

EcoEtruxure™ For Life Sciences



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Life is On



Life Is On

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Electric