



# Smart Manufacturing solutions

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

INDUSTRIAL INFORMATION MANAGEMENT

# 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

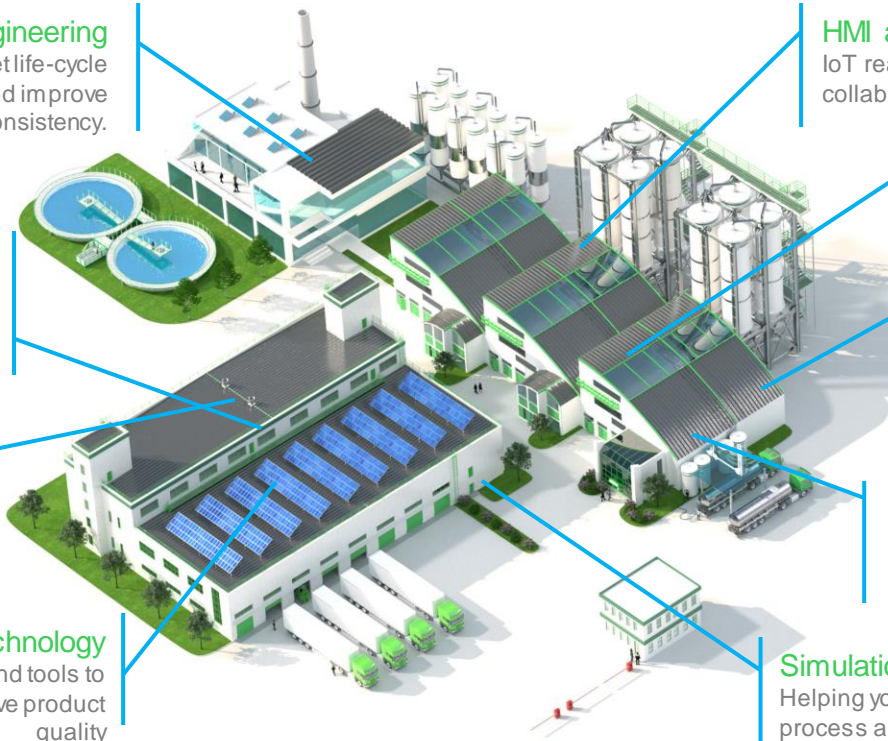
Best in class solutions for management  
of flexible production process in  
regulated environment

### 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



# Industrial Information Management (1/2)

Transformation of your data into actionable knowledge and wisdom



- Operational insights for monitoring and control: our solution is a complete toolset for crafting information gluts into information assets.
- It captures and stores high-fidelity industrial big data, to unlock trapped potential for operational improvements.
- You can then transform industrial data into actionable intelligence wherever you are.

# Industrial Information Management (2/2)

Transformation of your data into actionable knowledge and wisdom



## The Solutions

- [AVEVA Insight](#)
- [AVEVA Historian](#)
- [AVEVA Pi Systems](#)

Explore offers by AVEVA

## The Benefits

- 30% improvement in efficiency
- 30% improvement in asset utilization
- 30% improvement in energy reduction
- 5 minutes to go from zero to cloud
- 24/7 data accessibility with mobile application

# Fujirebio Diagnostics

Implementing electronic equipment monitoring system



## Customer Challenge

- Reduce time spent on report reviews manually
- Reduce errors and improve accuracy of reports
- Ensure new system is compliant with regulations

## The Solution

- Aveva System Platform
- Aveva Workflow
- Aveva Historian®
- Aveva InTouch®

## Customer Benefits

- Switch to electronic and paperless reporting
- Time saved on man hours per year

## The Results: Life is On with...

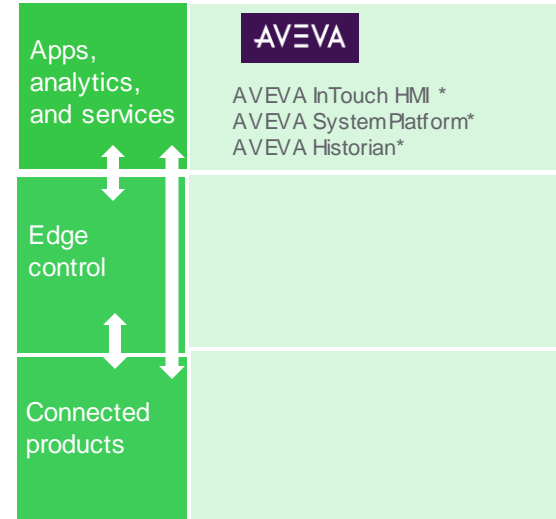
66% savings in time spent in reporting

*“The largest benefit of the equipment monitoring system is that we are logging automatically now rather than manually, so it’s saving us about 1,100 man hours per year”.*

Josh Zimmer,  
Quality Engineer,  
Fujirebio Diagnostics Inc.

Premier diagnostics company and the industry leader in biomarker assays

## EcoStruxure™ For Life Sciences



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Paper  
Article

Life is On

**Schneider**  
Electric

# Merck Sharp & Dohme, France

Secure migration of different applications supervision into a centralized one



## Customer Challenge

- One production line was using 5 different supervision applications (Preparation/WFI/Filling/Lyophilisation/Capping & EMS)
- Critical project to ensure a safe and compliant migration of those 5 applications into a centralized one using System Platform

## The Solution

- Aveva System Platform
- InBatch, Historian, InTouch

## Customer Benefits

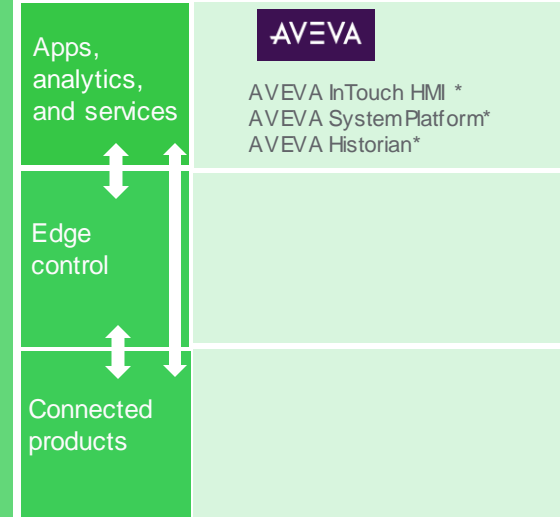
- Reduced time for testing
- Secure migration done with minimized error risk

**The Results: Life is On with... Successful & compliant migration (Data integrity)**

[Weblink to Video](#)

Innovative & global leading company in human and animal health and vaccines.

EcoEtruxure<sup>™</sup> For Life Sciences



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Life Is On



**Schneider**  
Electric

