

A photograph of two scientists, a man and a woman, wearing white lab coats and hairnets. They are looking at a tray of small vials or samples. The background is a blurred laboratory setting with various pieces of equipment.

Smart Manufacturing solutions

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

MANUFACTURING OPERATION 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

Manufacturing Operation Management (1/3)

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



- Proven solutions and reduce compliance cost and increase operational agility.
- In order to maximize return on existing investments, you need to improve equipment uptime, line throughput, and product quality.

Manufacturing Operation Management (2/3)

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



The Solutions

- [AVEVAMES and Manufacturing Operations Management](#)
- [AVEVA Recipe Management](#)
- [AVEVA Batch Management](#)

Explore offers by AVEVA

Manufacturing Operation Management (3/3)

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



The Benefits

- Up to 80% decrease in decision-making time due to improved operational visibility and real-time analytic tools
- Overall productivity improvements from 15 to 20% by employing a real-time manufacturing operations solution
- Up to 10 to 20% in cost reductions and as much as 20 to 30% increase in yields
- 10% in productivity improvements
- Up to 50% in reduced costs
- Uptime improvements of up to 30%
- OEE improvements of up to 20%

Valpharma, San Marino

Development of the production technologies with Drug Prescription

Customer challenges

- Automated Prescription management for Production launch and Production tracking
- Executable Data record and management, meeting Pharmaceutical Regulatory Standards
- BMS/EMS integrated in production

The solution

- A complete EcoStruxure Plant solution, including:
- AVEVA software - System Platform & Intouch for HMI
 - Prescription execution with Modicon PAC
 - More than 60 Inverters, Soft Starts
 - Services: commissioning, start-up, procedure validation & maintenance

Customer benefits

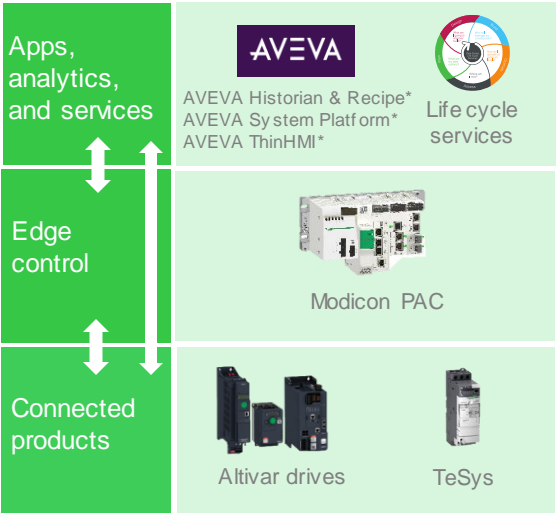
- State-of-the-art system in terms of control electronics (**15% paper reduction, 80% human error reduction**)
- **100% regulation compliance** with 21 CFR Part 11 and GAMP
- Full prescription confirmation
- Turn-key & trustworthy production data storage
- Faster (**50% reduction in docs manual review**) and safer operations

The Results: Life Is On with...**Increase and Accurate production**

Leading pharmaceutical developer & contract manufacturer, with 40 years experience & a presence in 70 countries

[Link to video](#)

EcoStruxure™ For Life Sciences



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Catalent, France

Digital solution for weighting operations management



Customer Challenge

- Modernization of the production process
- Replacement of the existing solution to centrally manage the weighting operations: too old and not « open »

The Solution

- Manufacturing Execution System including: Workflow Management, Batch Management, Historian
- Supervision with InTouch HMI and System Platform

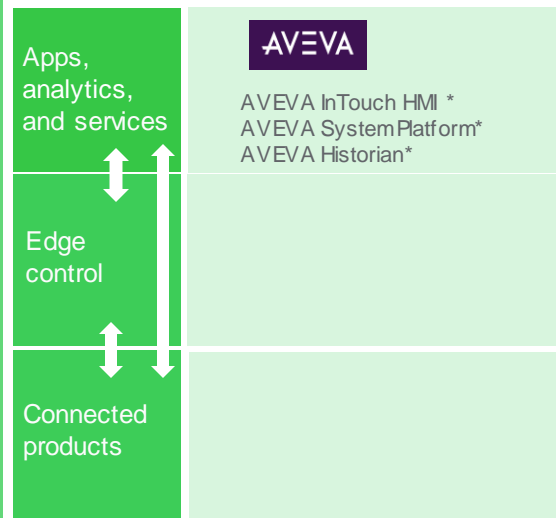
Customer Benefits

- Open and « future-ready » solution easier to evolve
- Customized solution enabling a greater interface between existing ERP on site and equipment such as balance, printers, bar code readers,
- Electronic management of the weighting operations
- 1 operator managing the operation instead of 2 previously

The Results: Life is On with...Data integrity & traceability

Drug development, delivery and supply company for drugs, biologics and consumer health products.

Eco³truxure™ For Life Sciences



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System Integrator for this project

[Video](#)

Life is On



Life Is On



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