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

MACHINE AUTOMATION & ROBOTICS
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.
Machine Automation & Robotics

Packaging automation offer and know-how for outstanding line performance

• From simple to complex, compact to modular - you will find the right solution for your machine or line. Including the most demanding packaging lines developed by leading OEMs to deliver outstanding performance through integrated modular motion, safety, and robotics.

• Whatever your needs, our smart machine solutions help manage your main challenges taking into account safety, connectivity, efficiency and flexibility while meeting the latest compliance requirements.

Learn more
**Customer Challenge**
- An integrated solution for building smart & compact packaging machines

**The Solution**
Complete EcoStruxure Machine solution for motion control, automation, HMI, VVD and robotics

**Customer Benefits**
- Reduced cabinet space thanks to system compactness
- Integration of multiple solutions inside the same architecture (motion control, automation, HMI, VVD, and robotics)
- Complete offer from single supplier, from connected products (e.g. motor and drives) to apps

“Schneider’s offer has allowed us to compact our spaces, making our packaging machines more modular, high-performance, reliable, and today, it has also allowed us to make them ‘intelligent’ and interconnected with the cloud.”

Roberto FILIPPUCCI
Automation & Systems Manager
OMAG S.p.A.

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40 years of experience in the packaging industry: sachet & stick packaging, filling machines, and complete lines for the pharmaceutical and food industries

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**EcoStruxure® For Life Sciences**

**Apps, analytics, and services**
- EcoStruxure Machine Advisor
- LMC Pro
- Connected products
  - Lexium ILM&ILD
  - ILM & robotics

**Agreement Letter**
Life Is On
Schneider Electric
Customer Challenges

- Produce an air stream of 0.5 ppm harmless odour for Genius5 odor tester
- Capture data for test person’s odour detection and reaction time
- Minimize waste and risk of infection for tester
- Evaluate information from different locations for statistical analysis

The Solution

- Ecostruxure Machine Advisor
- Integrated Modicon M251 PLC
- Intelligent sensors – touch free – to ensure test subjects can intuitively assign the smells by hand signals
- HMI display (Harmony ST6)

Customer Benefits

- Fast and painless procedure
- Easy settings and evaluations on the test devices using a combination of touch display and control
- Test data is completely anonymized
- Benchmark analytics from a laptop or mobile phone are enabled through cloud service platform.

The Results: Life Is On with...

Up to **100 people** per hour COVID-19 tested completely contactless and painless, with comprehensive data availability over cloud for analysis
Life Is On | Schneider Electric