Industry Software Suites

Life Sciences Solutions

Life Is On | Schneider Electric

A successful, consistent user experience. Solutions built to solve real-life industry challenges. These are the goals of the Industry Solutions Group from Schneider Electric. Whether you are in the Life Sciences, Power, Food & Beverage, Water & Wastewater, Infrastructure, Oil & Gas, or Metals industry, the Industry Solutions Group offers a turnkey approach to bring you focused, purposeful answers with solutions that are easy to buy, simple to use, and with fast, proven ROI.

Schneider Electric offers the Life Sciences industry a comprehensive set of operations improvement solutions to address regulatory compliance, production performance and quality. The ability to access relevant system data increases operations agility by identifying root causes and providing process analytics to improve decision making. This enables the realization of a 20% - 30% improvement in process/product quality and improved reporting and analysis of >30%[*].

Improved reporting and analysis of

>30%

TVID: FD0-030-7F8: * based on a 2014 Wonderware case study survey of a Global 500 pharmaceuticals company by TechValidate, a 3rd-party research service.

Read Case Study

Industry Solutions Solving Real-life Industry Challenges – Serialization

Serialization compliance marks an important milestone for the Life Sciences Industry, with several countries setting new regulations for traceability of prescription drug and biologic products. In order to facilitate this, the serialization process has to be put in place beforehand.

Today, the majority of the world is adopting the GS1 Standards in their serialization process. Adopting these standards requires the assignment of unique, traceable numbers to individual items or saleable units.

The labeling must happen at the plant floor level where packaging lines are located. All new inventories distributed after the due dates are set by local regulations, which differs from country to country, and must contain serialization information and a logistics data carrier.

Undoubtedly, serialization has many advantages benefiting both end users and pharmaceutical manufacturers alike. Serialization enables a drug to be tracked and traced electronically as it passes through the supply chain.

This means that, at any point, authorities and pharmaceutical companies are able to:

- Identify and stop the distribution of counterfeited drugs
- Contain and track the source of contaminated drugs back to its source
- Handle product recalls more efficiently and effectively.

Life Sciences Serialization Suite: The Schneider Electric Value

The **Life Sciences Serialization Suite** is a turnkey offer that brings harmonization between legacy production applications such as MES (Manufacturing Execution Systems) and Quality systems to provide an all-inclusive track, trace and reporting solution for a line, a site, or the enterprise.

Thanks to out-of-the-box integration with MES / Quality applications, the Life Sciences Serialization Suite enables:

- **End-to-end Track and Trace** from manufacturing through supply chain

- **Integrated analytics** from production to the end user

- **Real-time supply chain visibility**, enabling more accurate planning and scheduling decisions

Featured
Success Stories

Xcellerex

Schneider Electric enables Xcellerex to achieve significant reductions in overall operating costs and accelerates time to market.

"…we've been able to reduce deployment time from 3-5 years to an amazing 12-18 months. This results in huge implementation savings and the ability to begin producing high value product 2 to 4 years sooner than traditional technology."

- John A. Chickosky,
Chief Commercial Officer and
President, Biosystems

Read the Success Story

Fujirebio Diagnostics, Inc.

Fujirebio Diagnostics implements an equipment monitoring system based on Wonderware Skelta BPM to ensure compliance for extensive reporting and documentation requirements from regulatory authorities.

"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.

View the Success Story

Baxter S.A.

Baxter S.A. achieves FDA and EMEA regulation compliance with a complete automated system.

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

- Serge Bassem, CEO
BiiON (Baxter System Integrator)
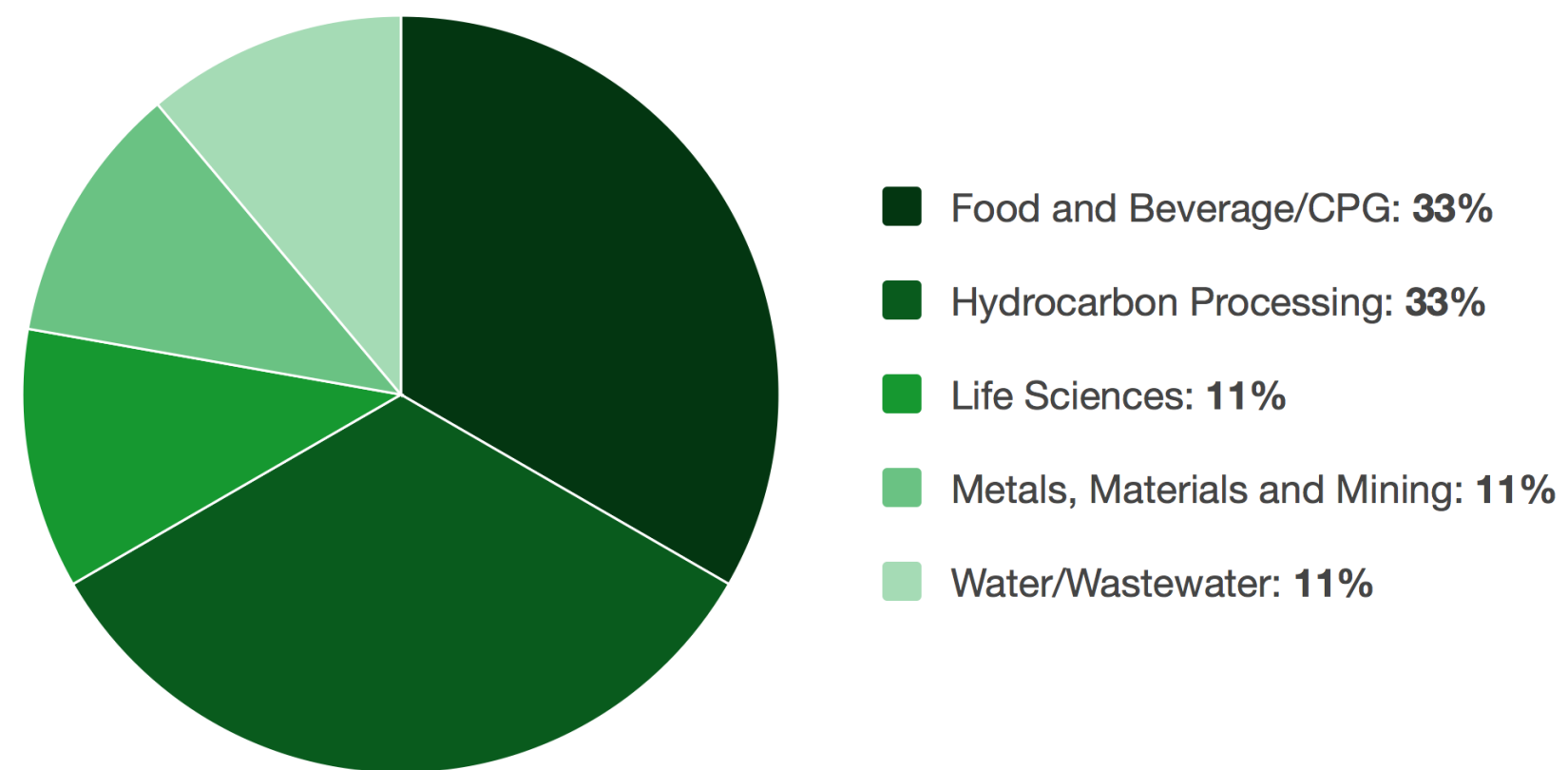
View the Success Story

Proof Points

Integrated Business Intelligence for Life Sciences

Wonderware EMI Intelligence Use By Industry

What industry are you in?

- Food and Beverage/CPG: **33%**
- Hydrocarbon Processing: **33%**
- Life Sciences: **11%**
- Metals, Materials and Mining: **11%**
- Water/Wastewater: **11%**

Source: TechValidate survey of 9 users of the Wonderware and Microsoft partnership. Sample comprised of manufacturing and industrial organizations who selected Wonderware Intelligence EMI.

Wonderware
by Schneider Electric

TechValidate

✓ Validated   Published: Oct. 14, 2015   TVID: 4DF-477-6AB

Wonderware Intelligence brings contextualized "Big Data" analytics to Life Sciences companies to enable process improvements.

Learn More

Case Study: Global 500 Pharmaceuticals Company

Wonderware®
by **Schneider** Electric

Introduction

This case study of a Global 500 pharmaceuticals company is based on a March 2014 survey of Wonderware Software customers by TechValidate, a 3rd-party research service. The profiled company asked to have their name blinded to protect their confidentiality.

Challenges

- Selected Wonderware Software to achieve the following improvements:
  - Better HMI design
  - Better process visibility
  - More accurate reporting & analysis
  - More effective alarm management

Use Case

- Uses the following Wonderware software products:
  - Wonderware Development Studio
  - Wonderware Historian (InSQL)
  - Wonderware Historian Client (ActiveFactory)
  - Wonderware InTouch HMI
  - Wonderware Information Server
  - Wonderware (ArchestrA) System Platform
  - DAServers, InTouch Anywhere
- Purchased Wonderware Software for the following reasons:
  - The ability to integrate to the process
  - Existing Wonderware software investment
  - Its functional fit to their needs
  - Wonderware's reputation as a leading technology provider for mobility, cloud and big data
  - Wonderware's software reputation

Results

- Finds Wonderware Software's product feature set (best in class) differentiates them from the competition.
- Achieved the following benefits with Wonderware Software:
  - Improved collaboration/task management
  - Improved mobility and mobile operations
  - Increased productivity and throughput
  - Improved process or operational visibility
  - Reduced regulatory compliance costs
- Paid back their investment in Wonderware Software in 12-18 months.
- Realized the following improvements with Wonderware Software:
  - Improved process/product quality: 20%-30%
  - Improved reporting and analysis: >30%

Source: TVID: FD0-030-7F8 TechValidate Survey of a Global 500 Pharmaceuticals Company

Global Pharmaceuticals company improved product quality by

30%

using solutions from Schneider Electric Software.
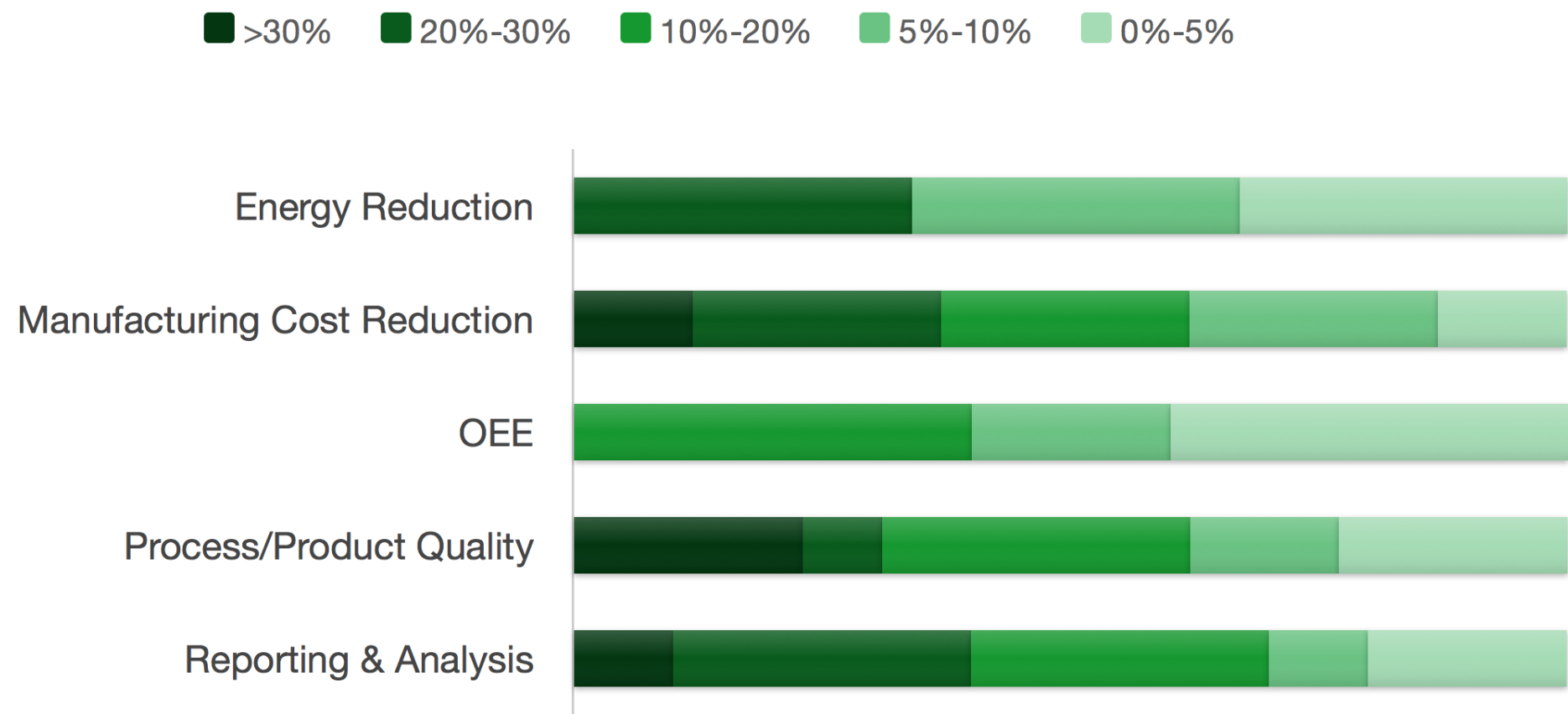
Read Case Study

Process Improvements through Schneider Electric Life Sciences Solutions

- Improved technology adoption and usage: 20-30%
- Improved product/process integration: over 30%
- Increased productivity: 20-30%
- Improved time to market: 20-30%

See the study

## Improvements Achieved in the Chemical/Pharmaceutical Industries Using Wonderware Software

Specific improvements in cost/energy reduction, OEE, Quality and Insight.

Legend: ■ >30% ■ 20%-30% ■ 10%-20% ■ 5%-10% ■ 0%-5%

- Energy Reduction
- Manufacturing Cost Reduction
- OEE
- Process/Product Quality
- Reporting & Analysis

Source: TechValidate survey of 19 users of Wonderware Software. Sample comprised of Chemicals and Pharmaceuticals manufacturing and industrial organizations.
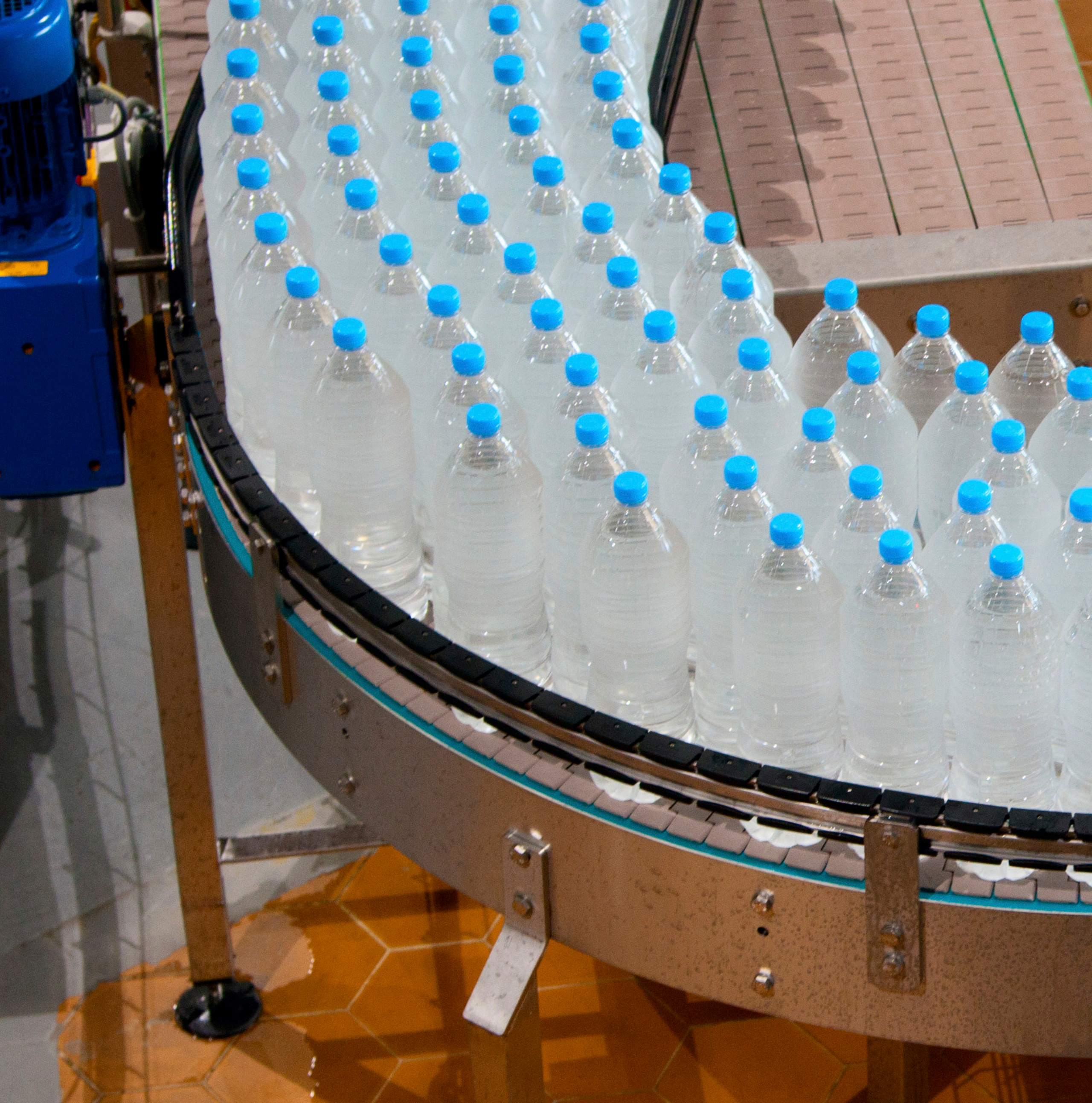
Wonderware by Schneider Electric | TechValidate

✔ Validated   Published: Mar. 11, 2016   TVID: CFE-844-0A7
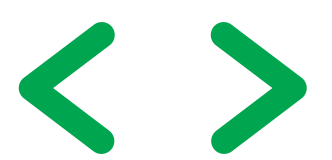
# Regulatory
Compliance Services

Schneider Electric Validation Technology solutions are focused on delivering regulatory compliance through comprehensive end-to-end services that include equipment, process, cleaning control, automation, manufacturing execution systems and information technology.

Part of what makes Schneider Electric solutions so effective is our ability to seamlessly blend in with a client's team. The approach is streamlined, cost-effective and focused on results. The painstaking care and attention to detail means Schneider Electric gets it right the first time and with no unpleasant surprises.

Learn More

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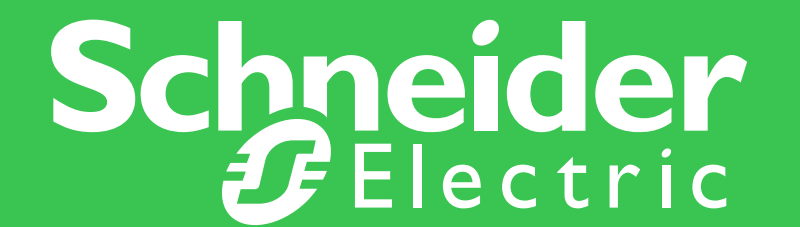
For more information, please visit:

software.schneider-electric.com/industries/life-sciences/

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