Efficient Facilities

EcoStruxure™ manage safer, more available and greener resources for Food & Beverage, Household and Personal Care production environments
Our mission is to be your digital partner for Sustainability and Efficiency
Rethinking next generation industries:
business resilience and sustainability performance
for lifecycle integrated management
We help on every step of the value chain

Efficient facilities
Safer, more available, and greener resources

Agile manufacturing
Boost manufacturing flexibility & efficiency

Resilient supply chain
Manage complexity and improve visibility
... leveraging transversal digital transformation capabilities

Food Safety & Traceability
Ensure compliance and increase trust across the whole value chain

Energy & Sustainability
Reduce environmental footprint and meet sustainability goals

Asset Performance
Maximize return on asset investment

Workforce Empowerment
Take teams efficiency to the next level

Digital Engineering
Cut time, cost and risks of capital project engineering
Managing Food & Beverage facilities effectively is critical
Facility performance directly impacts the quality of finished product and the operating cost

Electrical hazards are in the top 5 reasons for fire incidents and the 6th reason for fatal injuries in manufacturing
Typical cost of a fatal incident is > 1.5 M€

High cost of managing deviations, lost product and business downtime
Poor Power quality cost 4% of industry turnover

Data availability across multiple siloed systems
60% of plant energy usage is in utilities
Proper management of plant environment has an impact on product quality

Rapid evolution of facilities to meet future production demands
Modular design needed to adapt to constant environment changes

Ensure data integrity for growing needs of edge control IOT applications
Volume of data in food industry is on the rise

Achieve sustainability goals to increase shareholder value
49% of F&B CFO’s see a significant link between sustainability and financial performance

Sources: National Fire Protection Association (NFPA), European Agency for Safety and Health at Work 2017, LPOI survey, Food Navigator, Deloitte
Protect data and power analytics

Transform your facility to improve real time visibility on all your assets and boost performance

Dedicated IT infrastructure to be deployed on the edge to support digital transformation and cybersecurity needs

Improve safety and reliability

Secure your staff, utilities and data to mitigate risks and increase business uptime

Increase facilities efficiency

Reduce carbon emission. Reduce, recycle and reuse, water and wastes. Meet your sustainability goals for a better future for all

Reduce environment impact

Secure your staff, utilities and data to mitigate risks and increase business uptime

Increase speed and agility

Reduce time to market, start small and grow fast and easily align facilities with production and market requirements

Increase facilities efficiency

Up to 49% reduction in faults

Up to 35% cost savings

Up to 25% reduction in carbon emission

Up to 20% increase plant throughput

Up to 15% reduction in engg. time and cost

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Power Safety & Availability
Standardization, site assessment, and predictive maintenance for safe and available power

Building management
Effective and efficient use of utilities for your manufacturing operations

Server Rooms management
Provide self contained and secure computing environment for your on-premise applications

Renewable Energies & Microgrid
Manage complex energy mix to optimize cost and carbon footprint.
## EcoStruxure for Food & Beverage / CPG

### Agile manufacturing
Boost manufacturing flexibility and efficiency
- Manufacturing Operation Management
- Industrial Information Management
- Process Control System
- HMI and data Integration
- Process Automation
- Packaging Automation

### Efficient facilities
Safer, more available, and greener resources
- Smart Building Management
- Power Safety & Availability
- Power Quality & efficiency
- Renewable Energy & Microgrids
- IT Infrastructure Management

### Resilient supply chain
Manage complexity and reduce logistics costs
- Agriculture Efficiency & Sustainability
- Suppliers Management
- Supply Chain Optimization
- Cold Chain Monitoring
- Product Information Management

### Food Safety & Traceability
Ensure compliance and trust across the product life cycle
- Food Defense
- Cybersecurity Services
- Digital Calibration
- Raw material traceability
- Production traceability
- Product Identification & Tracking

### Energy & Sustainability
Reduce footprint and meet sustainability goals
- Sustainability Consulting
- Energy Demand Services
- Strategic Energy Sourcing
- Enterprise data management
- Energy as a Service

### Asset Performance
Maximize return on capital expenditure
- Assessment and Consulting
- Enterprise Asset Management
- Condition Monitoring
- Predictive Analytics
- Line & Process Optimization
- Modernization services

### Workforce Empowerment
Improve staff knowledge, productivity and collaboration
- Operator Training Simulator
- Augmented & Virtual Reality
- Workflow Management
- Staff Schedule Management
- Operator Knowledge Sharing

### Digital Engineering
Cut time, cost and risks of capital project engineering
- Electrical CAD
- Building Information Modelling
- Integrated Engineering-Design
- Digital Asset Visualization
Let’s talk about it.