

EcoStruxure™



Forget everything you know about automation:
discover EcoStruxure Automation Expert

The software at the heart of the industries of the future

Life Is On

Schneider
Electric



Over the past forty years, the evolution of automation systems has made it possible for industrialists to reach levels of productivity that no one could have imagined – not even Dick Morley, the inventor of the first programmable automation in 1968!

Today's industries have been disrupted by the influence of digitalization and the Internet of Things (IoT)

All over the world, industrial companies are turning to technologies like artificial intelligence, augmented reality, machine learning, and cloud/edge architectures to meet the challenges of a more complex and digital world.



The answer? By completely rethinking our technological model and **adopting a disruptive solution** in line with the efficiency, flexibility, and sustainability requirements of the industry of the future: **EcoStruxure™ Automation Expert.**



How can automation evolve to meet the promise of this new industrial revolution?

Why change the paradigm?

Industries need to respond to the acceleration of personalized consumer expectations, maintain performance, and continue to innovate in a competitive environment.

At the same time, they need to meet variable market conditions, including the availability of resources while controlling investments and operating costs, especially those related to energy.

For the industrial sector this means:

- Strengthening investment in research and development
- Improving the flexibility of manufacturing tools
- Accelerating in their digital transformation
- Training teams in new production methods

The answer:
Increase intelligence
and agility.

The current architecture of industrial automation systems is based on closed proprietary technology. This makes it difficult to quickly and efficiently adopt the advanced technologies needed to meet the challenges industries face today. It's time to move to a new standardization: **Universal Automation**, enabled by IEC61499.

Rethinking your production lines design

Are you planning to add a production line to your factory? What if you could free yourself from hardware constraints and proprietary application software to achieve your production line extension in a simpler, faster way?

What if you could start your digital transformation journey with **software** that was fully **interoperable** and designed for innovation?

Our EcoStruxure™ Automation Expert solution revolutionizes the way industries manage resources (human and financial), and the manufacturing process. With its IoT-enabled architecture, EcoStruxure brings benefits to every stage of a plant's lifecycle.



A focus on the user experience

Our open EcoStruxure Automation Expert solution is designed to simplify the user experience for all stakeholders.



Greater speed, agility, flexibility, and efficiency

Typical EcoStruxure Automation Expert Solution

Traditional solution

Execution cyclical fixed

Code

Programming controller

BRIDGE IT/OT

Dependent on hardware/manufacture

EcoStruxure Automation Expert solution

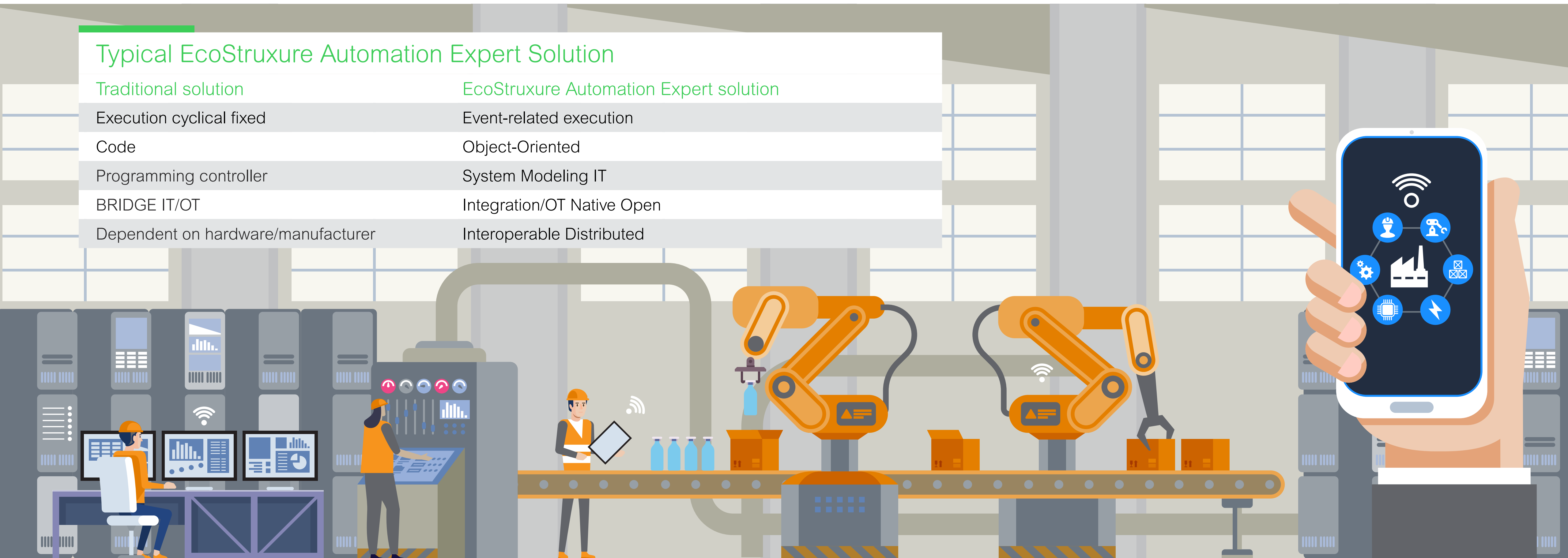
Event-related execution

Object-Oriented

System Modeling IT

Integration/OT Native Open

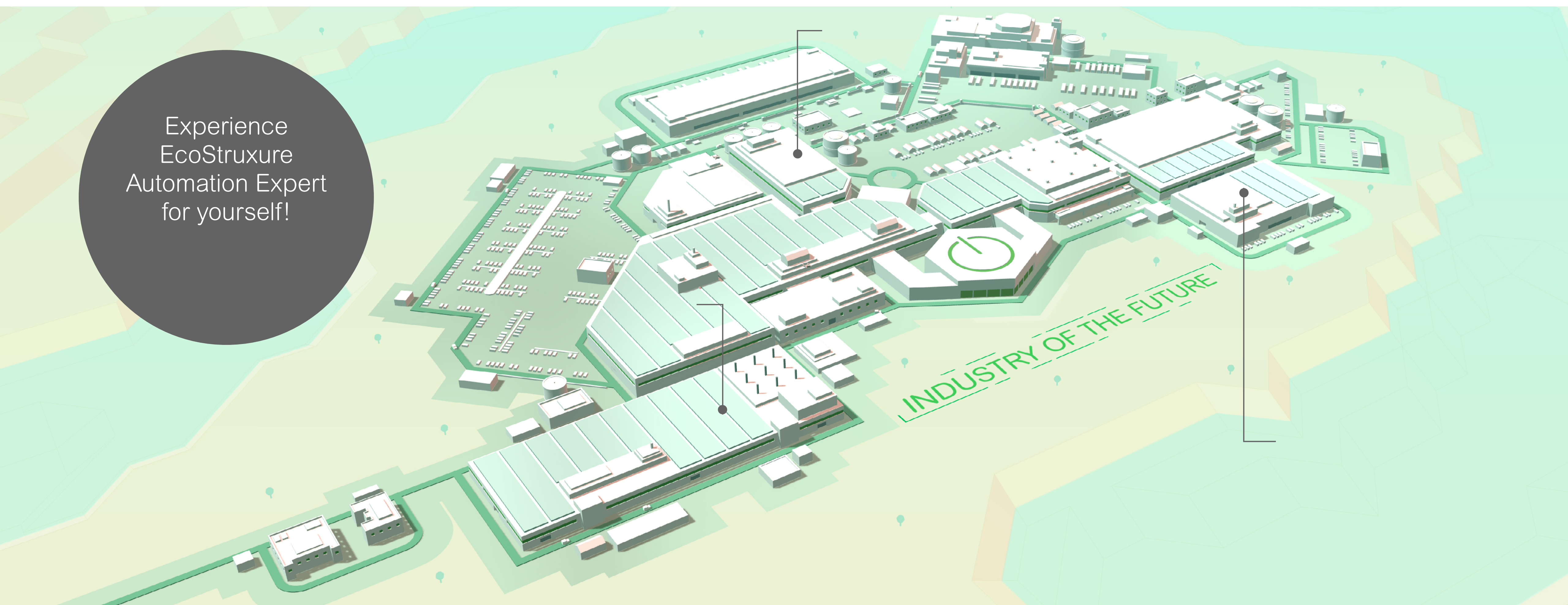
Interoperable Distributed



Reducing the total cost of ownership

Experience
EcoStruxure
Automation Expert
for yourself!

INDUSTRY OF THE FUTURE



Greater agility for businesses

From increased speed in processing changes through to a decoupling of software from hardware via a simplified plug-and-play design, agility is key to operational efficiency. Thanks to a dynamic modeling of resources and the IEC61499 standard, EcoStruxure Automation Expert opens the door to the next evolution of universal automation.



In order for the fourth industrial revolution to deliver on its promises, we need to reinvent our technological model by opening up platforms, by decoupling software from hardware, and by radically improving system agility and scalability. EcoStruxure Automation Expert makes this progress possible.



Peter Herweck,
AVEVA CEO



Find out more

Discover more about EcoStruxure Automation Expert



Standardization and Universal Automation is the way forward for Industry



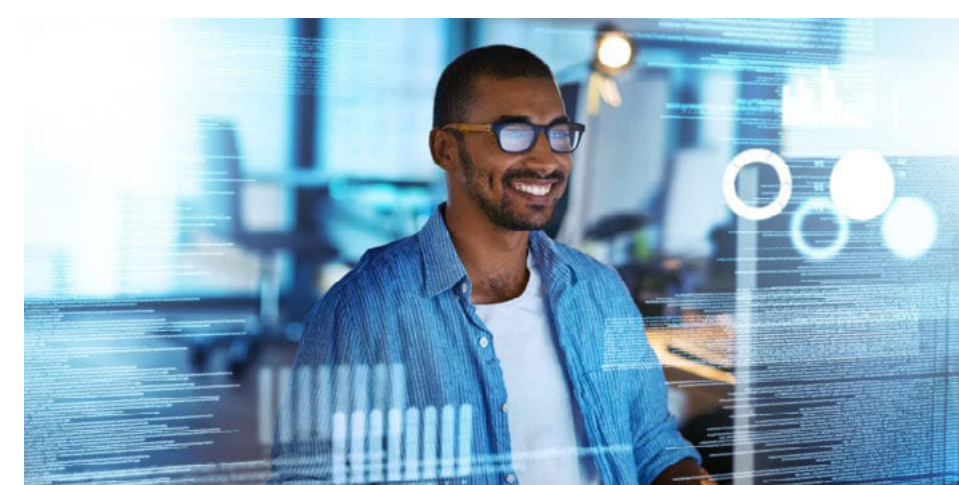
The IT world has moved on from proprietary operating systems. Now it's industry's turn



Benefits from the Promise of Next Generation Industrial Automation

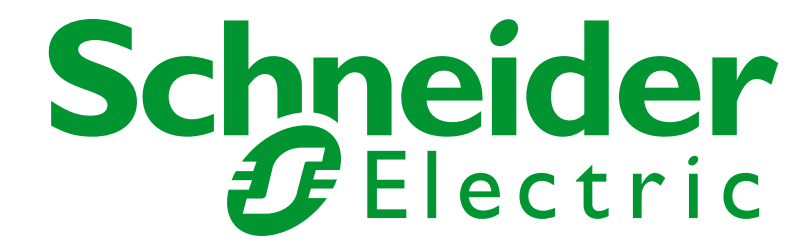


IT/OT convergence in the new world of digital industries



Industry must transform. Here's a practical recommendation

Life Is On



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