

17TH OF MAY 2022

Not Business as Usual Automation

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AVEVA

Presenter



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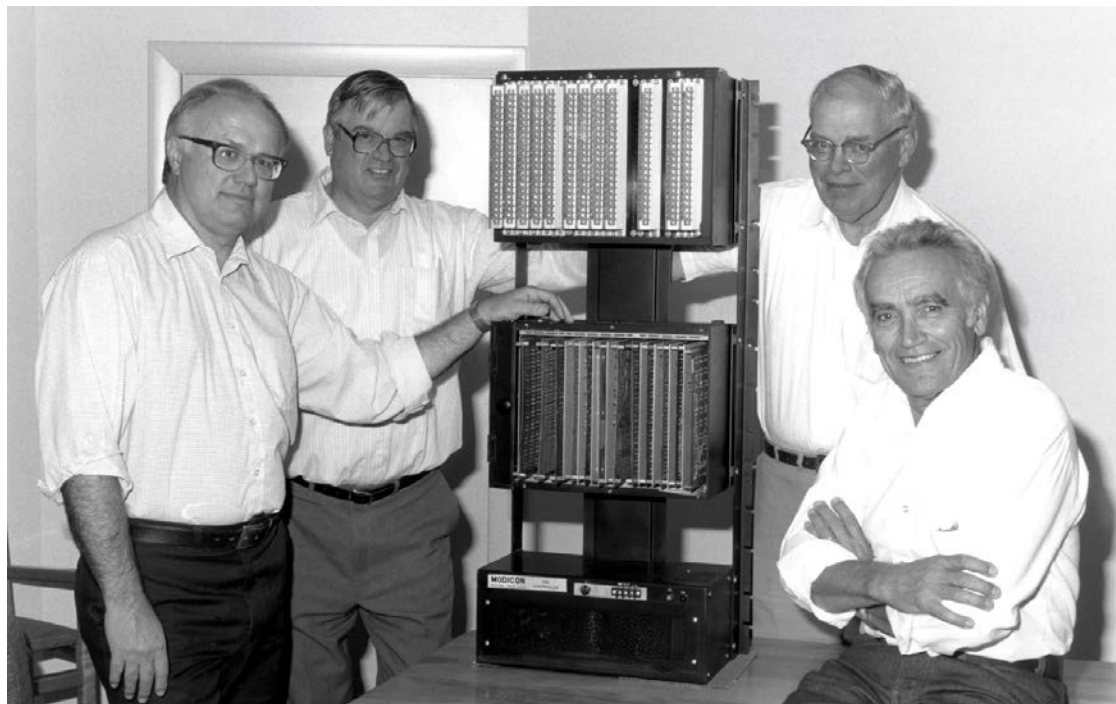


Our purpose is to empower all to
make the most of our energy and resources,
bridging progress and sustainability for all.
At Schneider Electric, we call this Life Is On.

Our mission is to be
your digital partner for
Sustainability and Efficiency

The birth of programmable logic controllers

A quantum leap in digital automation control



1968
modular digital control

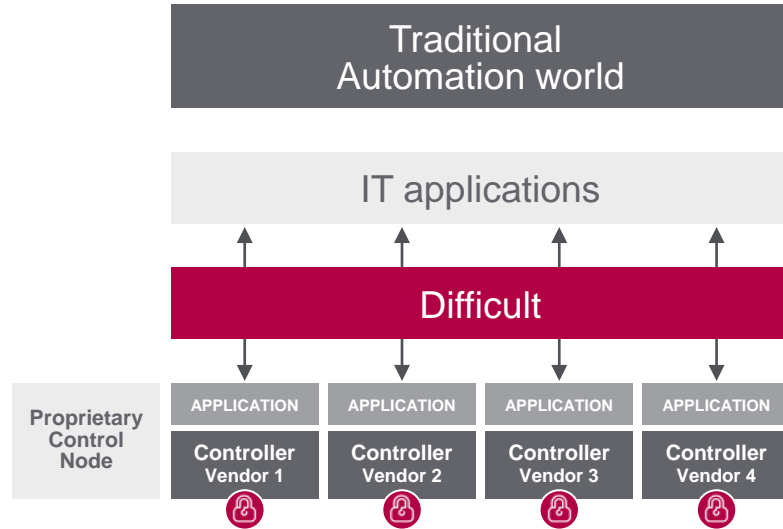
A lot has changed since then

Industrial enterprises struggle with complexity...

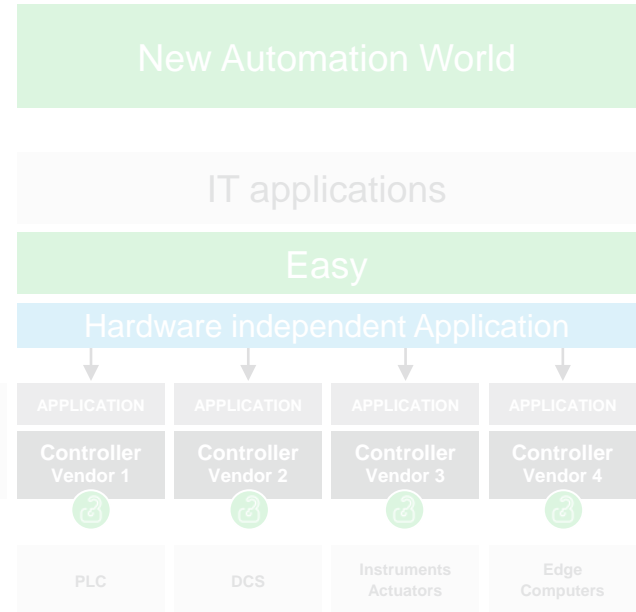
- Continued pressure to reduce costs
- Increased product variants and shorter product lifecycles
- Fluctuated demand in energy, and raw material prices
- Increased regulation
- Continued workforce evolution

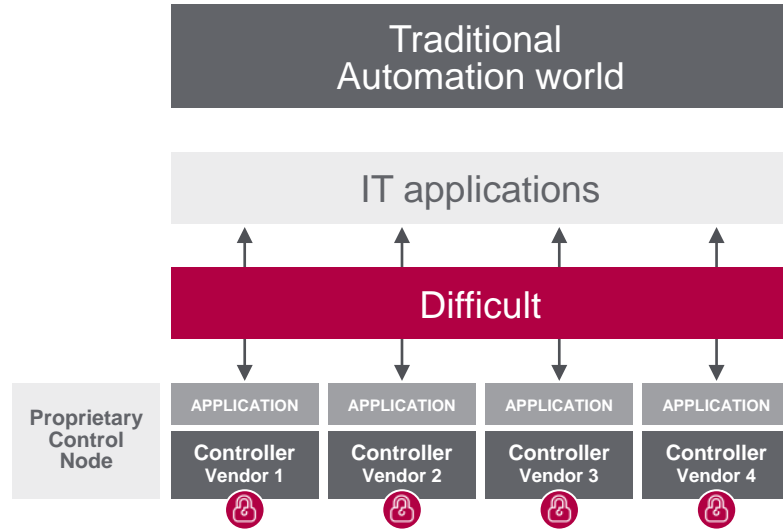
...and look to technology to help

- Machine learning/Data science
- Augmented/Virtual reality
- Digital twins
- Edge computing
- Cloud architectures
- Wireless sensors
- Open systems

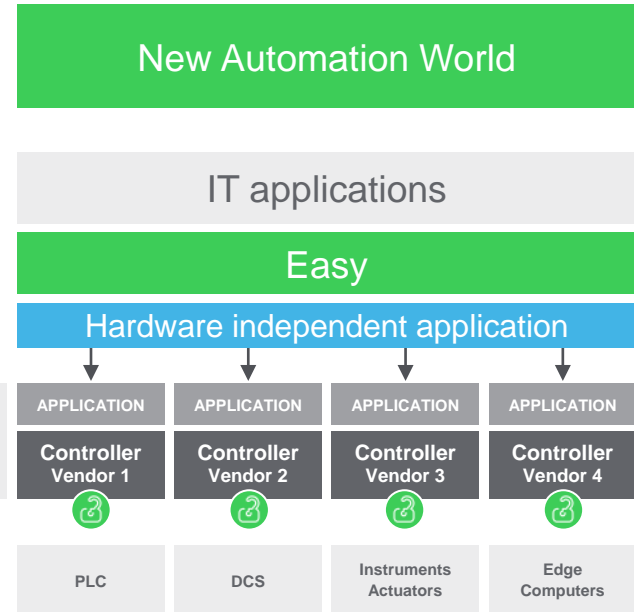


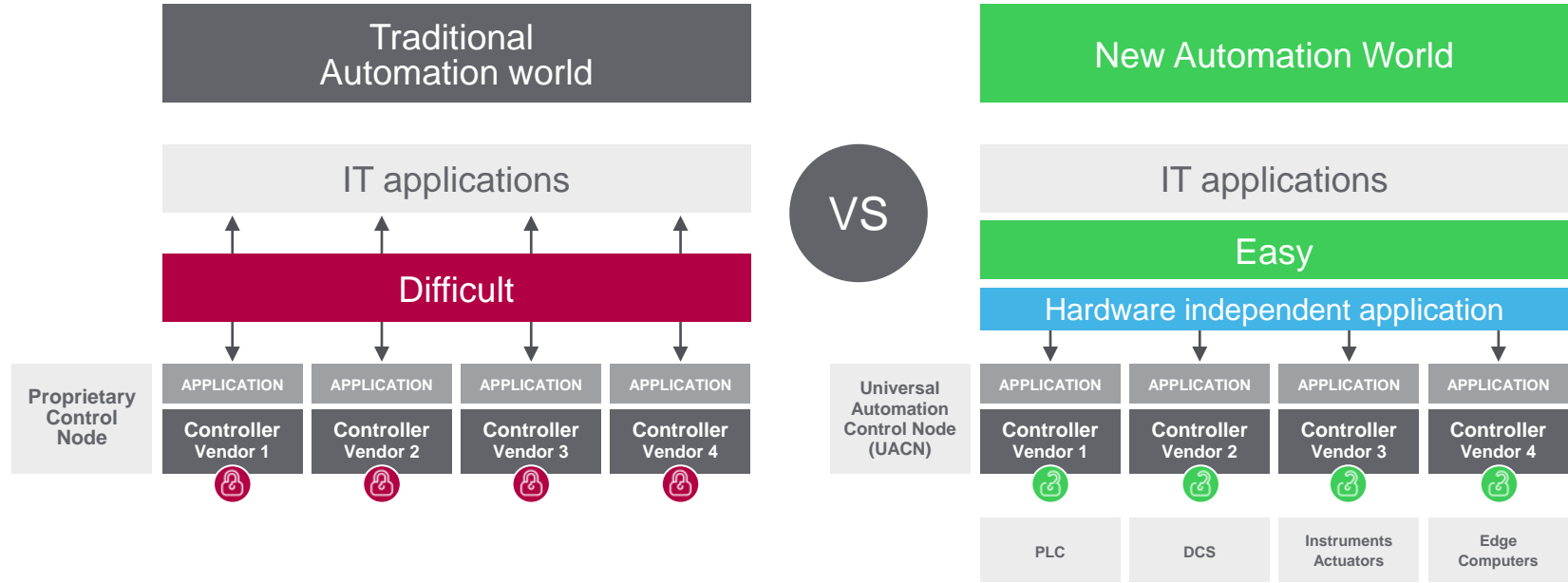
VS





VS

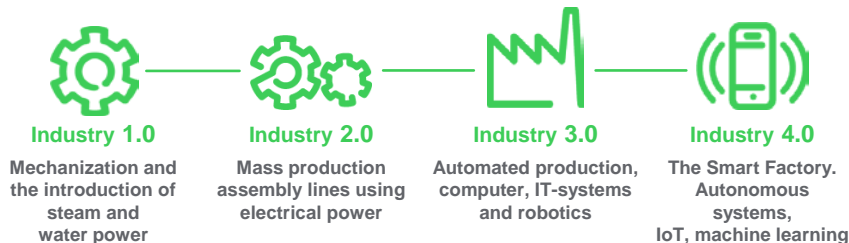




A new automation paradigm is required!

Software-centric
universal automation
is the next quantum
leap in industrial
automation

The Four Industrial Revolutions





What is universal automation?

A world of **plug and produce** automation software components that solve specific challenges at low cost (think of an app store).

We are	An independent non-profit association			
We promote	Portability / Reusability	Interoperability	IT/OT Convergence	Plug & Produce
We share	A shared-source IEC 61499 runtime engine			
Who is “we” ?	IT & OT vendors	End users / SIs / OEMs	Universities	Start ups



Driving to
100%
engineering
efficiency

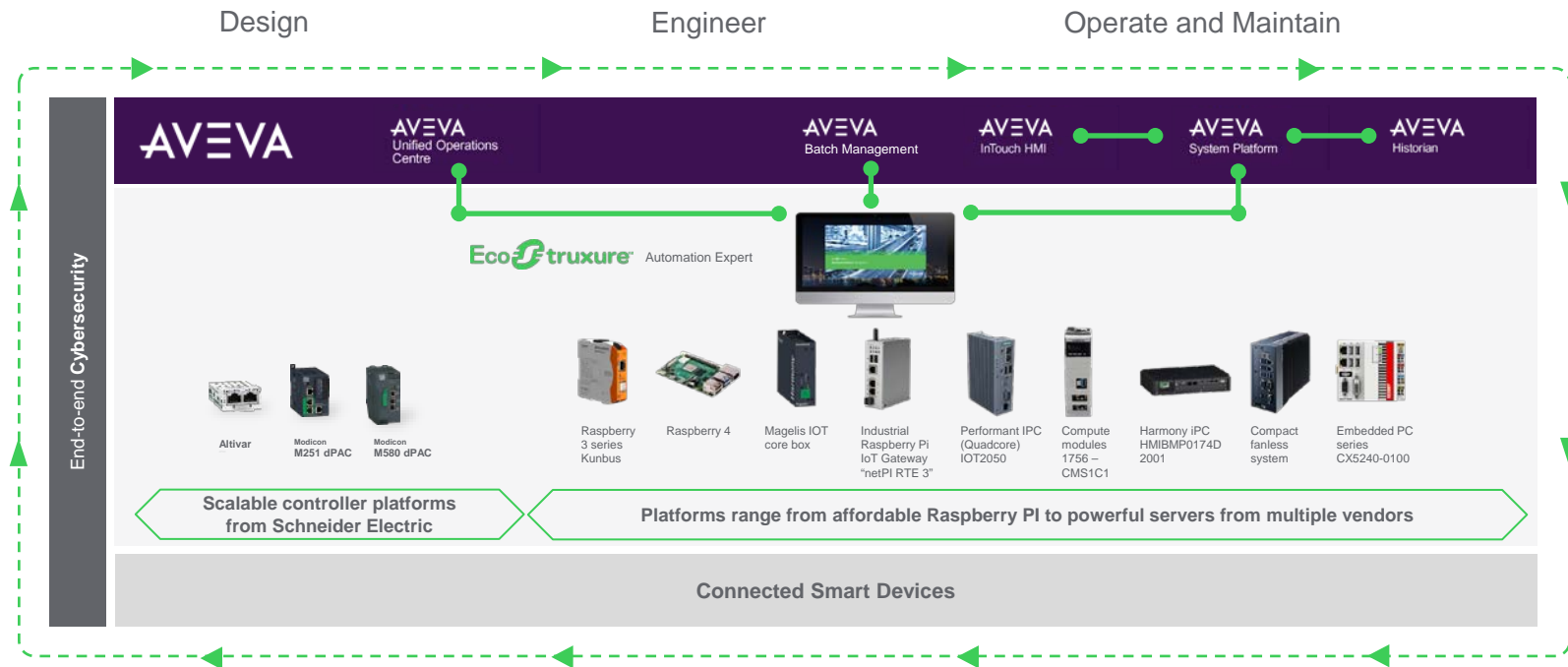


Ready for
100%
operational
effectiveness



Now
100%
future proof

Integrated lifecycle to deliver unrivaled efficiency from end to end



The future is not business as usual

Learn more:



Life Is On



Universal automation

Life Is On



Closed, proprietary automation

Automation architectures have remained fundamentally unchanged for 30+ years. They struggle to accommodate complex business challenges because **they were never designed with today's technology in mind.**

Universal automation

Industrial automation **"app store"** of software components that solve specific challenges at low cost.

"Plug and produce" automation

Interoperability and native IT/OT connectivity drives **step-change improvements** in agility, efficiency, flexibility, and sustainability.

