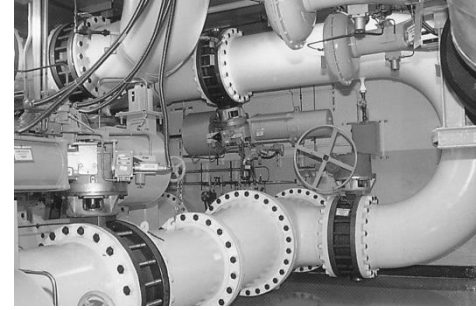
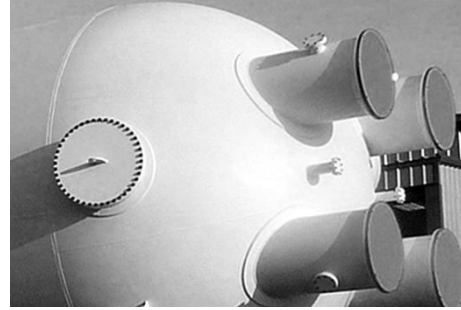


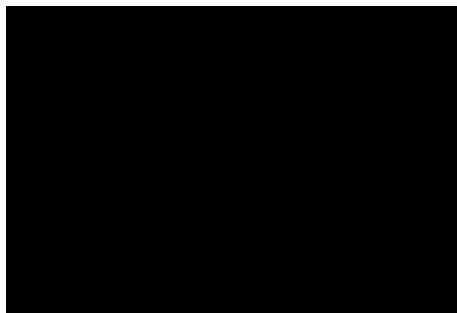
**CURTISS -
WRIGHT**

Nuclear Division



Symposium 2018

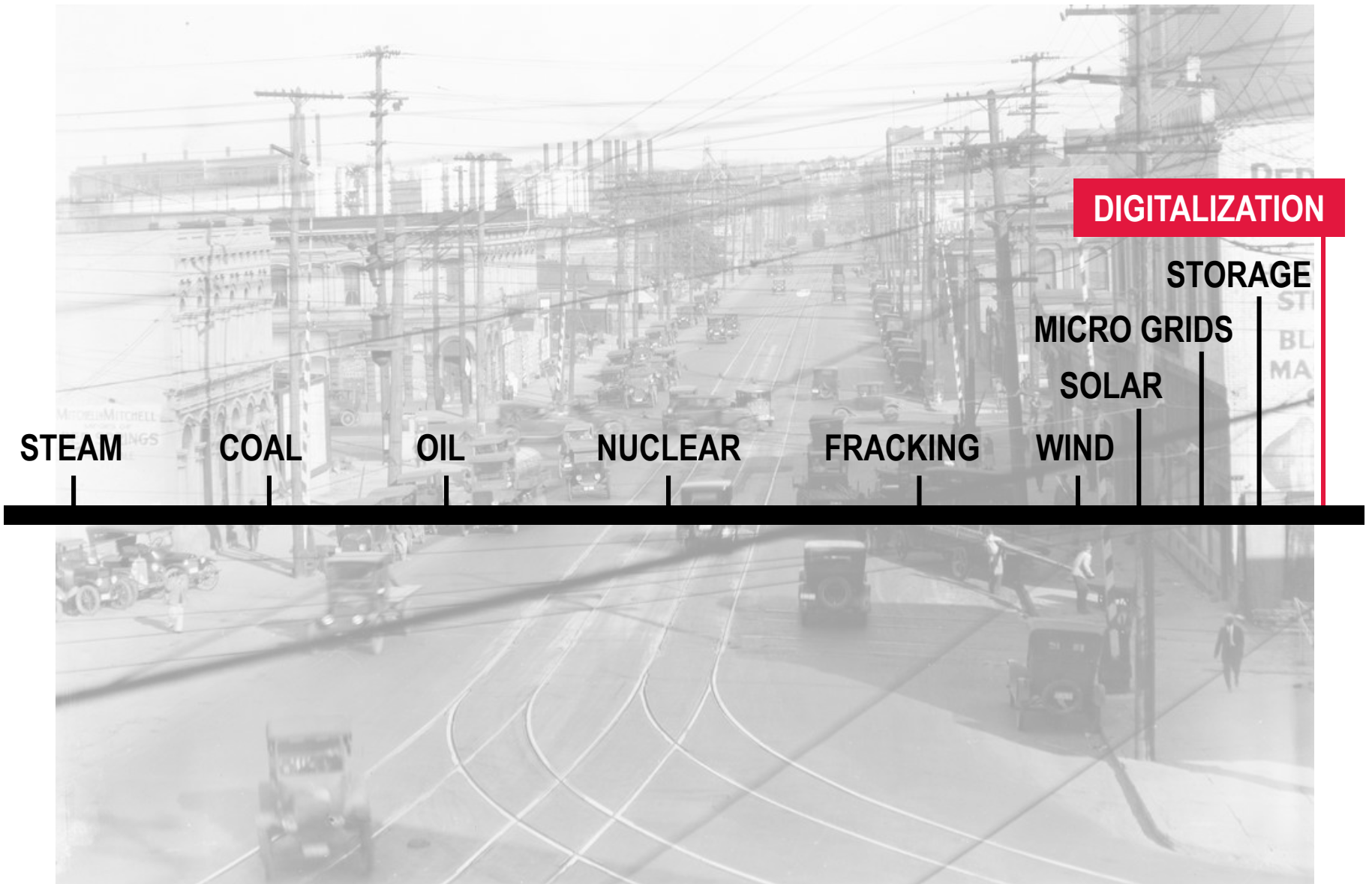
Grand Targhee, Wyoming



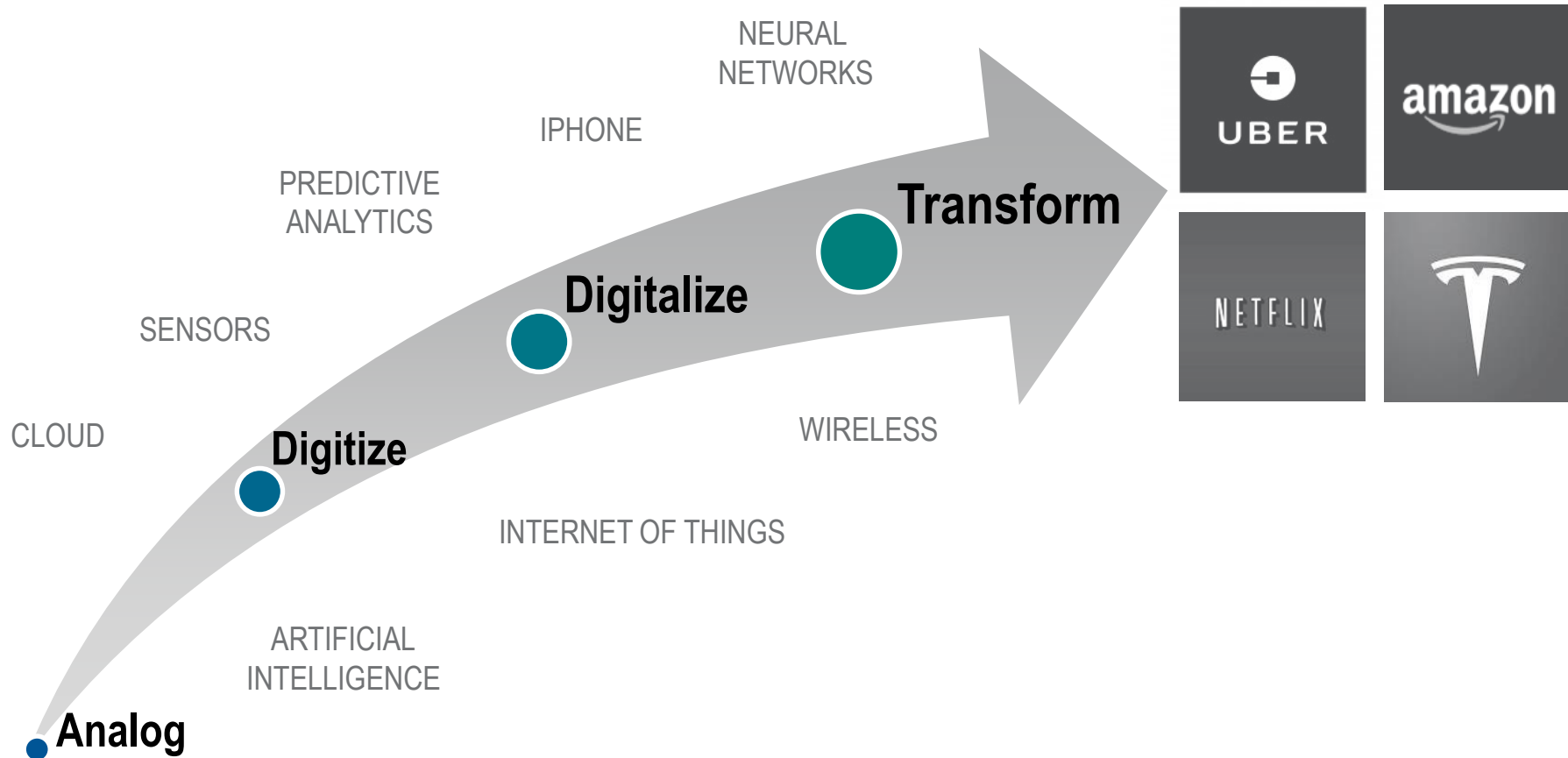
Introduction



The Electric Power Landscape is Changing



Digital Technologies are Transforming Business Models



First Observation – Huge Potential



Growing the Economy

Europe can add €2.5 trillion to GDP in 2025



Unlocking Value

The digitalization of electricity could unlock \$3.1 trillion in industrial value over the next decade



Transitioning to a sustainable world

Digital initiatives could deliver an estimated 26 billion tons of net avoided CO2 emissions

Second Observation – Everyone's Onboard

77%

*of businesses view
digitalization as their first
strategic priority*

70%

*said their companies have
a digital transformation
strategy*

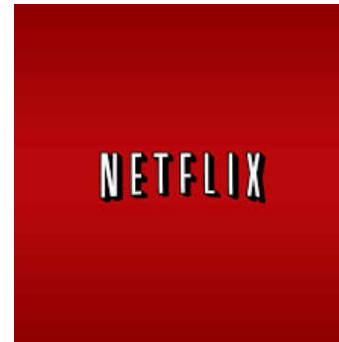
\$2 Trillion

*to be spent on digital
transformation (IDC)*

usds.gov

*“building a more awesome
government”*

Third Observation – It's Disruptive



33 years  **14 years**
average S&P500 tenure in 1965 *average S&P500 tenure in 2026*

All disruption takes place on an industry-wide scale, forcing a significant shift in profitability from one prevailing business model to another.

Fourth Observation – High Barriers

Only 18% of companies consider their digital strategies very effective

Regulatory



Risk Averse Culture



Skills



Cyber Security



Organization Structure



Cost



Fifth Observation – A Lot of Hyperbole

Feature Story

Digitalization – a sure-fire Path to Gender

31. Januar 2017

From
the

For

“Dig

Sylvia

gender

debate

— as

This

Digitization for peace: Empowering global youth through technology

By Ola Jo Tandre | Jan 06, 2017

- 2016 showed us that we live in volatile times: record breaking global temperatures, record number of refugees fleeing conflict, global security threats, and others
- The Telenor Youth Forum, in partnership with the Nobel Peace Center, empowers youth to solve social issues through technology.



The Nobel Peace Prize events are well timed with the December holidays and the approaching New Year, when much of the world takes a collective breath to reflect on what's most important in our lives. Both looking back and charging ahead, we resolve to do better and be better. Because 2016 showed us that we live in volatile times: record breaking global temperatures, record numbers of refugees fleeing conflict, global security threats, political upheaval; the list seems endless.

But the good news is that we already have a lot of the knowledge and resources needed to create solutions that could better our circumstances. And we have the largest single generation of youth the world has ever seen who want to do something about this. Nearly two billion of them.

...how much impact you believe humans have caused our climate—be that a little or a lot—global

Final Observation – Lots of Opportunity



Digitalization will impact every step of the electric power value chain

Power Generation

PREDICTIVE ANALYTICS
DIGITAL TWINS
VIRTUAL REALITY

Transmission & Distribution

MOBILE WORKERS
AUGMENTED REALITY

Commercial & Residential

BLOCKCHAIN
CUSTOMER EXPERIENCE
CONNECTED HOME
ENERGY MANAGEMENT



Dave Adams, CEO

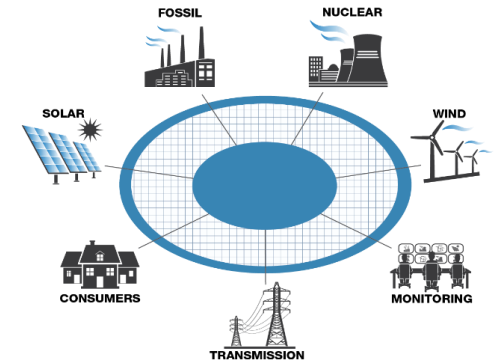
*...**Innovation** should be a key component of every planning team's efforts...*

*...Every business should consider the macro trends of Automation, **Digitalization** and Electrification as they relate to their specific industry and market...*

CW Nuclear Key Strategies

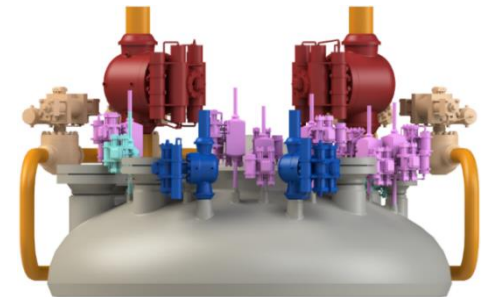
ENABLE DIGITALIZATION OF POWER INFRASTRUCTURE

- Expand our products and service offerings to help power companies transform to digital
- Hardware and software solutions

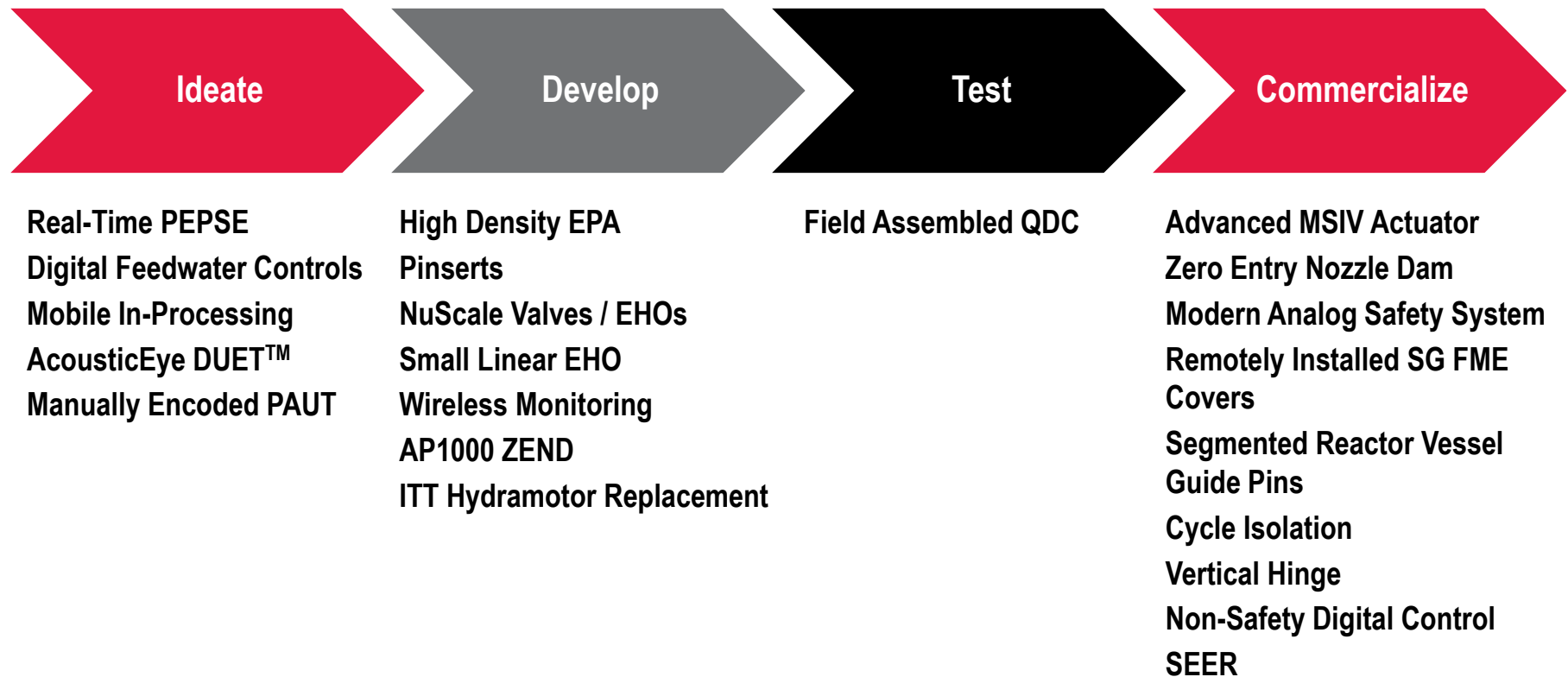


INNOVATION

- New products and services to address obsolescence, aging, safety and cost pressures
- New plant designs

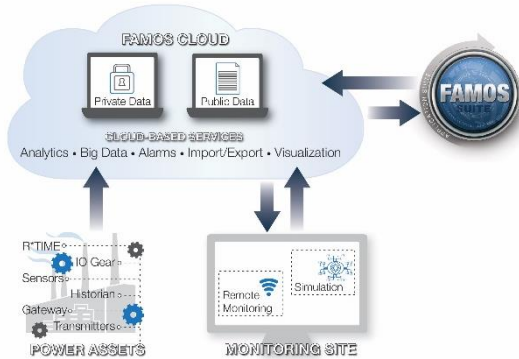


Innovation Product Pipeline

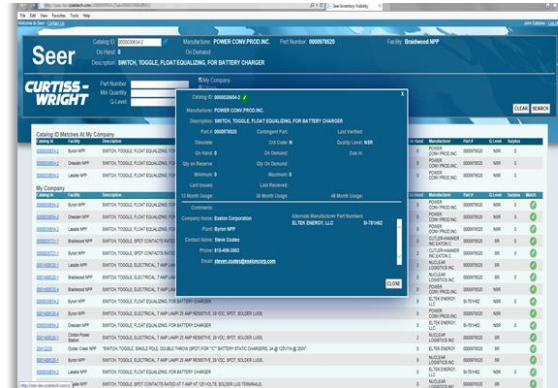


Digital Focus Areas

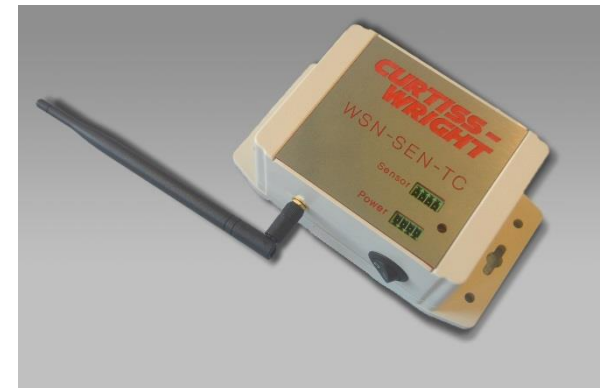
CLOUD



ANALYTICS



SENSORS & WIRELESS



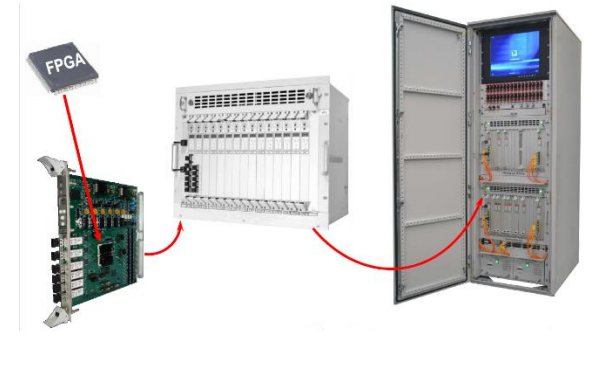
MOBILE



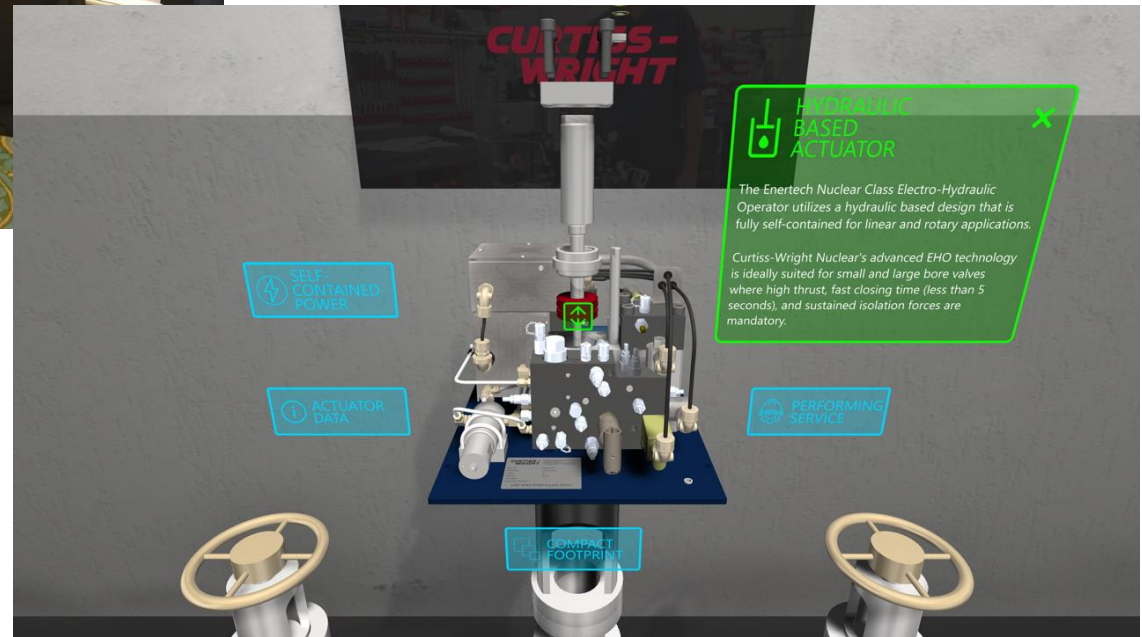
MACHINE LEARNING



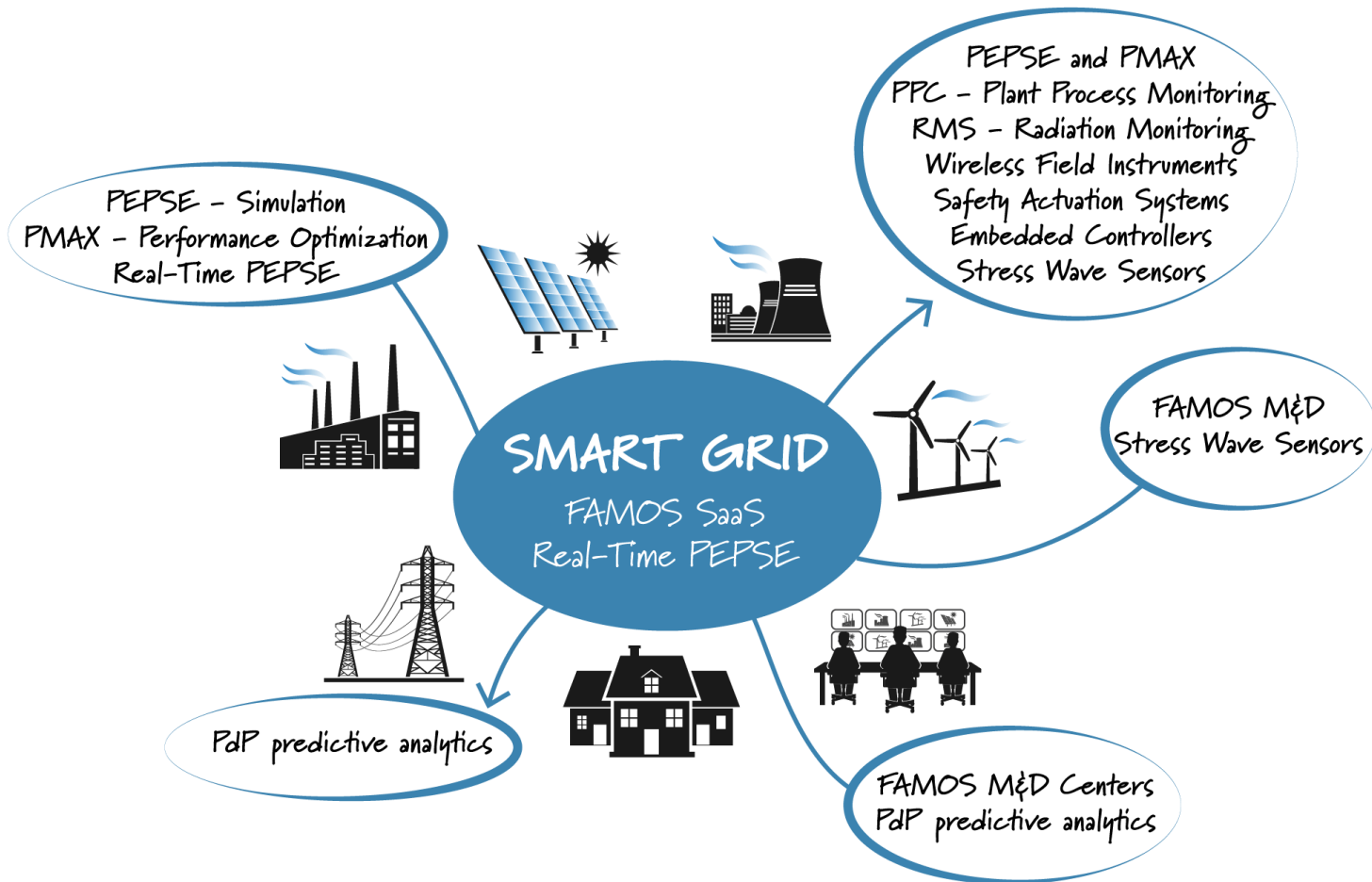
DIGITAL CONTROL



Digital Sales



Digitalization White Board



Conclusion



Digitalization together is changing industry.

Thank You

The Curtiss-Wright logo, featuring the company name in a bold, italicized, sans-serif font. The text is white and set against a solid red rectangular background.

***CURTISS -
WRIGHT***

Kurt Mitchell
VP/GM, Curtiss-Wright Nuclear

A solid black rectangular box used to redact a photograph or graphic from the slide.

www.cwnuclear.com