Welcome to the

RESET

**Capgemini
Innovation
Day | 2020**

Capgemini

Cybersecurity Experience
Enabling Digital Transformation

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What is a Factory of the Future?

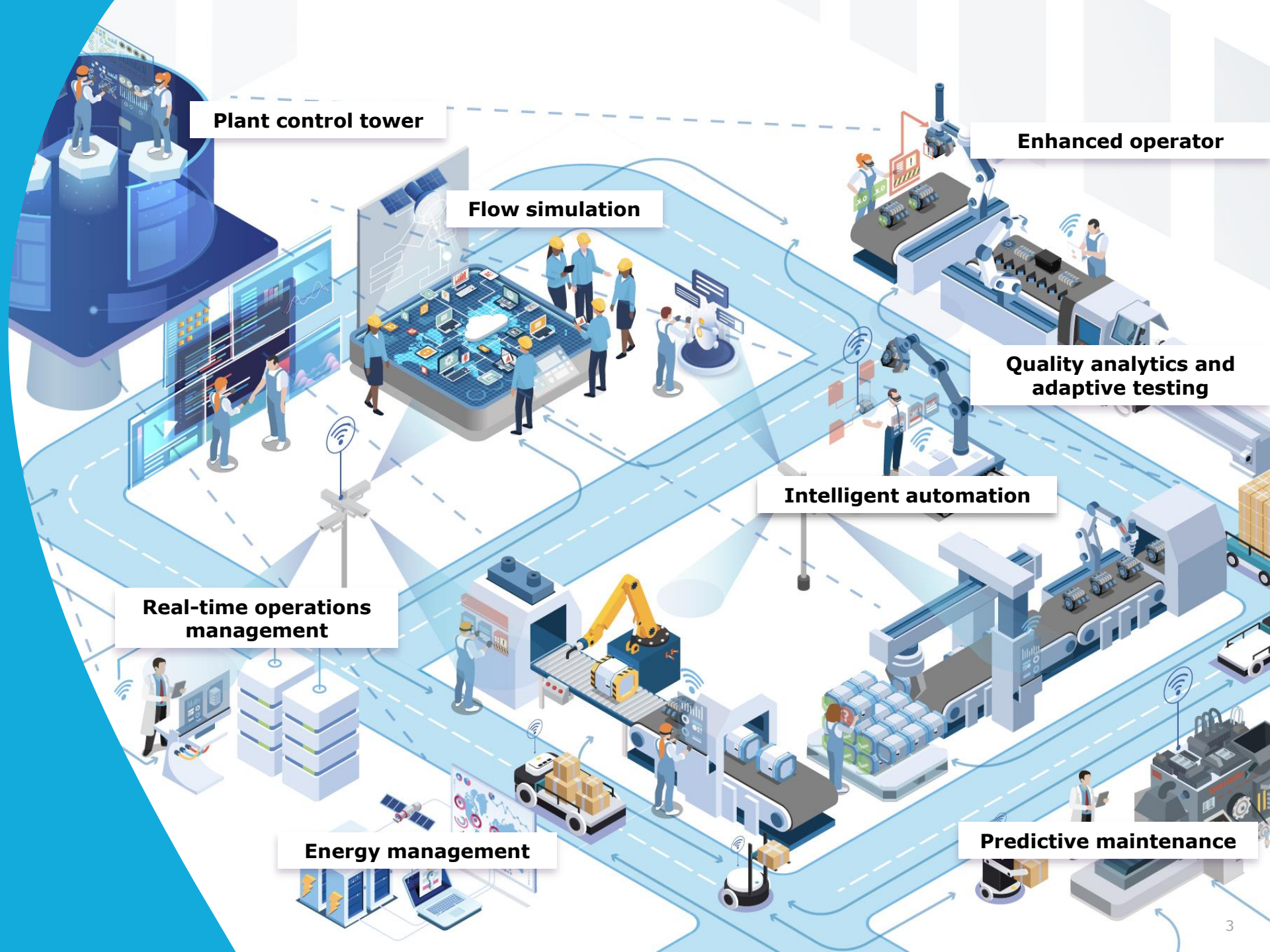All the Factory of the Future use cases have something in common

It's all about data...

... accurate and timely data,

... feeding context specific analytics,

... to create a digital twin used to anticipate issues and improve performance in a "closed loop".

And Security & Privacy by design!

Plant control tower

Flow simulation

Enhanced operator

Quality analytics and adaptive testing

Intelligent automation

Real-time operations management

Predictive maintenance

Energy management

Start with a use case!

Predictive maintenance

Intelligent automation

Energy management

USE CASES

PLATFORM CAPABILITIES

INTEGRATED CLOUD/EDGE FOUNDATION

ERP

MES

Data platform powered by Azure

Application development
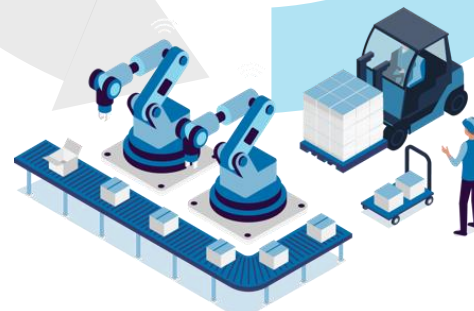Role and context specific insights for real time performance management.

Data management and analytics
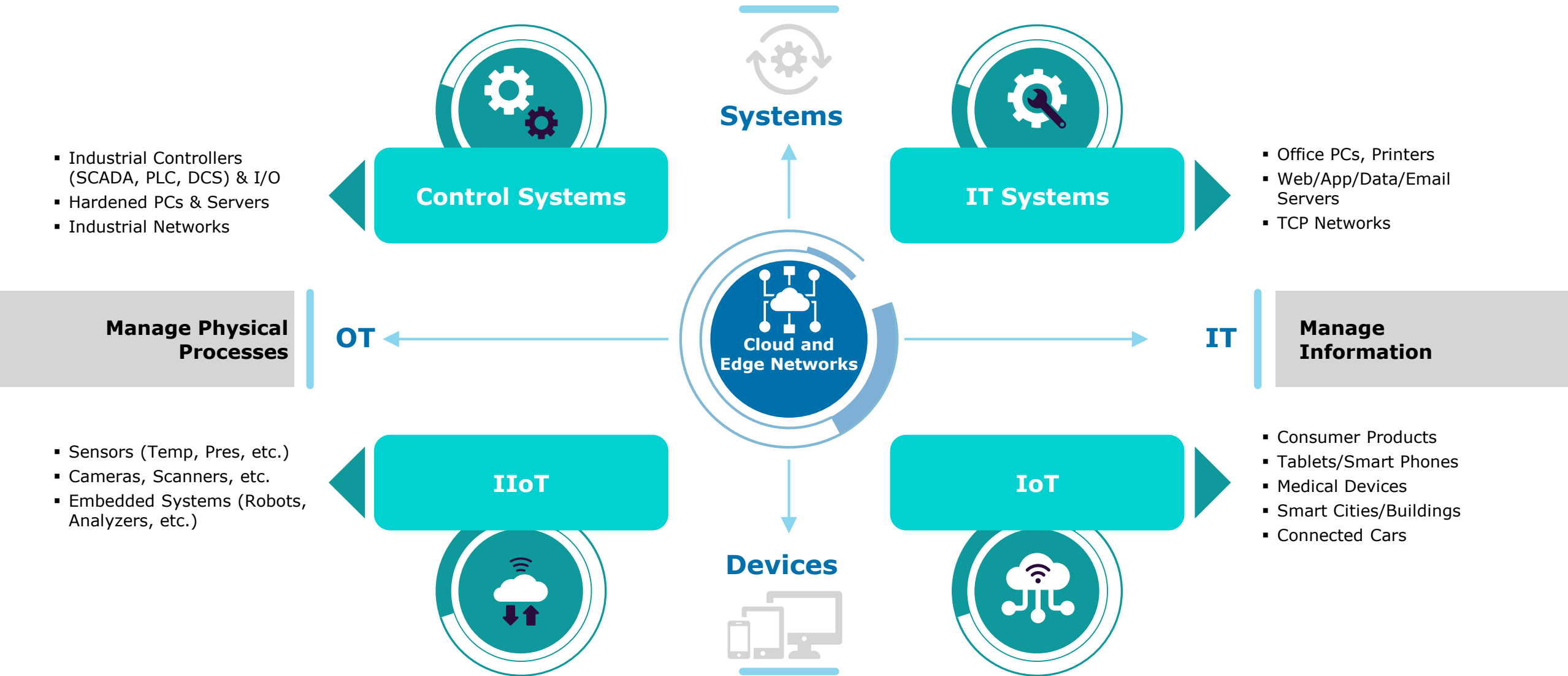From asset specific predictive analytics to overall plant performance.

Connectivity and integration
A unified view of your operations based on contextualized real time data.
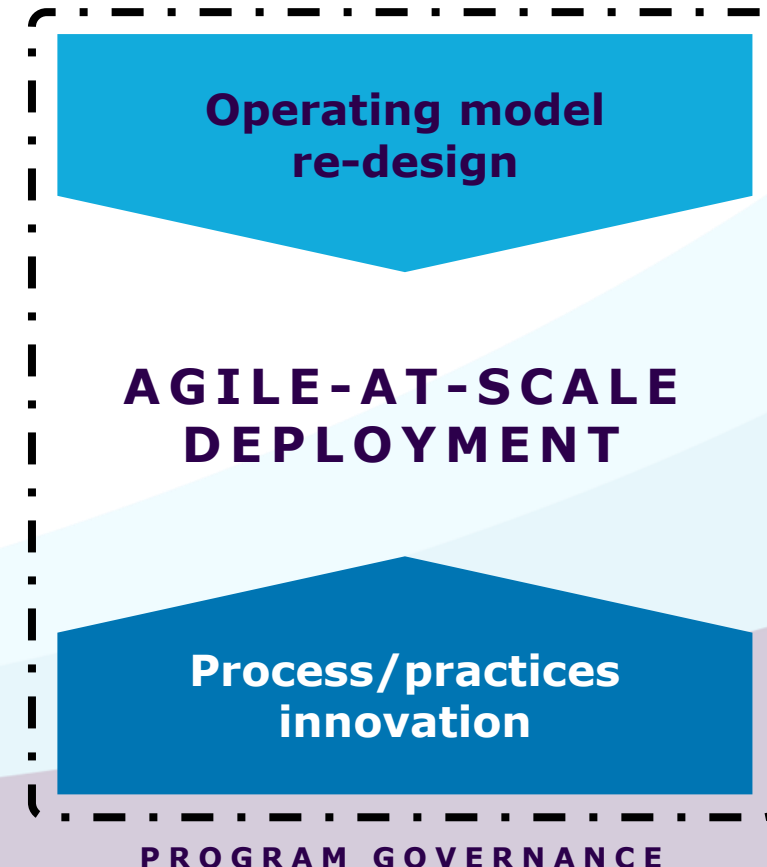
It's Time for Converged OT/IT/IOT & Cloud Security

Systems

Control Systems

- Industrial Controllers (SCADA, PLC, DCS) & I/O
- Hardened PCs & Servers
- Industrial Networks

IT Systems

- Office PCs, Printers
- Web/App/Data/Email Servers
- TCP Networks

Cloud and Edge Networks

Manage Physical Processes

OT

IT

Manage Information

IIoT

- Sensors (Temp, Pres, etc.)
- Cameras, Scanners, etc.
- Embedded Systems (Robots, Analyzers, etc.)

IoT

- Consumer Products
- Tablets/Smart Phones
- Medical Devices
- Smart Cities/Buildings
- Connected Cars

Devices

Digital Trust by Design

enabling organizations to take privacy, security and data-ethics into account early in the development process and throughout the lifecycle
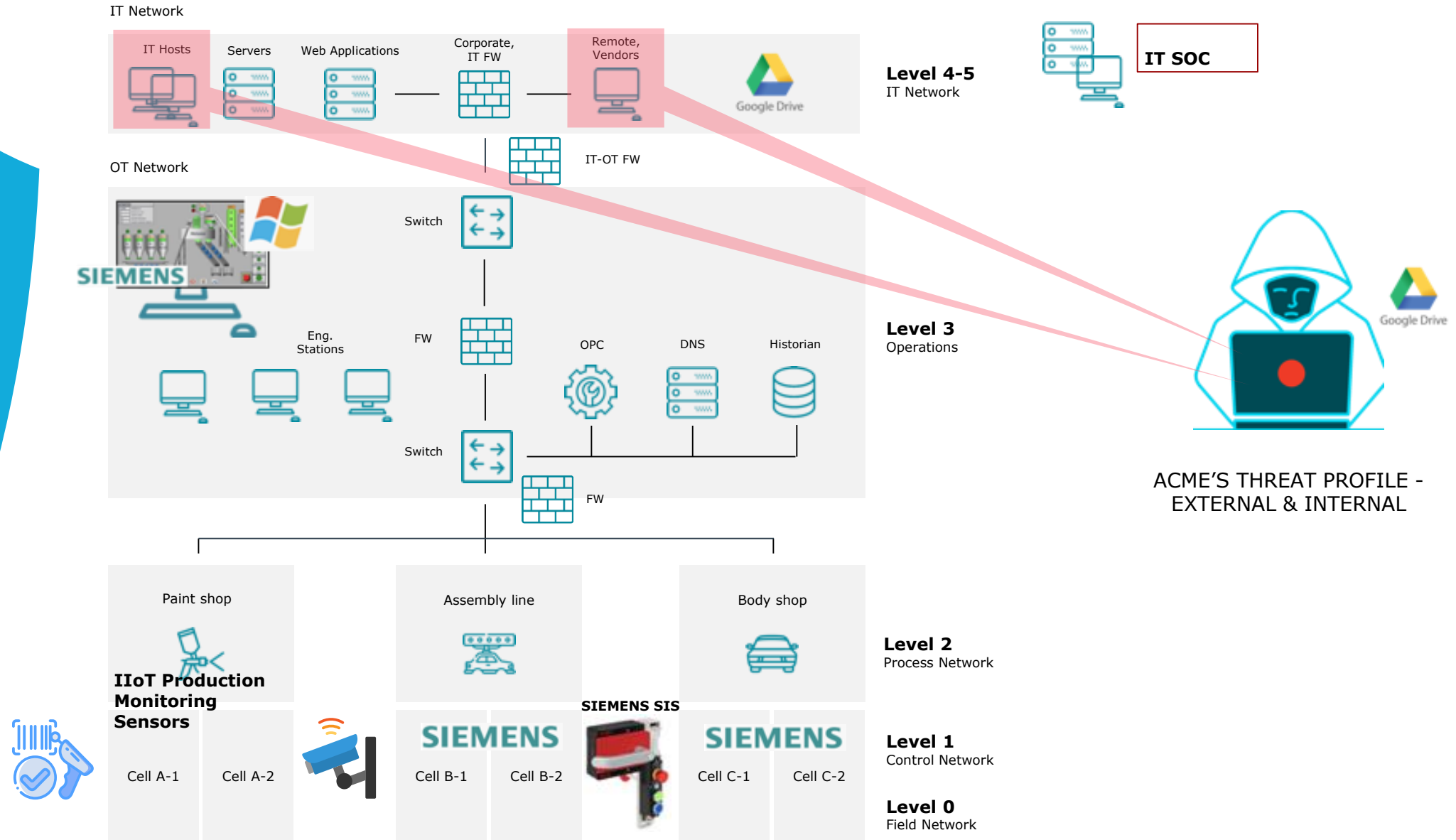

Covering the key digital elements that consumers associate with Trust

PEOPLE + PROCESS + TECHNOLOGY

Operating model re-design

AGILE-AT-SCALE DEPLOYMENT

Process/practices innovation

PROGRAM GOVERNANCE

ACME AUTOMOTIVE MANUFACTURING PLANT - SCENARIO

Cybersecurity Experience Center: Transforming risks into business advantage

Cybersecurity Experience Center capabilities
The Utrecht CEC prepares C-level executives and security professionals for cybersecurity incidents with immersive simulations.

Immersive Experience: The CEC provides immersive and dynamic simulations in various settings, including a SOC, an OT/SCADA control room, and a boardroom for the executive level.

Advanced Attack Simulations: With the Capgemini Cyber Range, multi-range and multi-user simulating physical infrastructures are offered in a virtual environment. It has the processing power to replicate any environment, ranging from office endpoints, to industrial SCADA systems, providing teams with a realistic setting.

Realistic scenarios: Realistic scenarios are designed fine-tuned to client environments and business needs.

Training Grounds: The CEC provides three rooms–the Demo SOC, the Industrial-Control room and the executive board room–to provide participants with a realistic experience.

About
Capgemini

Capgemini is a global leader in consulting, digital transformation, technology, and engineering services. The Group is at the forefront of innovation to address the entire breadth of clients' opportunities in the evolving world of cloud, digital and platforms. Building on its strong 50-year heritage and deep industry-specific expertise, Capgemini enables organizations to realize their business ambitions through an array of services from strategy to operations. A responsible and multicultural company of 265,000 people in nearly 50 countries, Capgemini's purpose is to unleash human energy through technology for an inclusive and sustainable future. With Altran, the Group reported 2019 combined global revenues of €17 billion.

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