We secure
the world's
automation

Lightning Talk

Vendor-Agnostic Version Control and Backup: NextGen OT Asset Management

Alexander Seibel
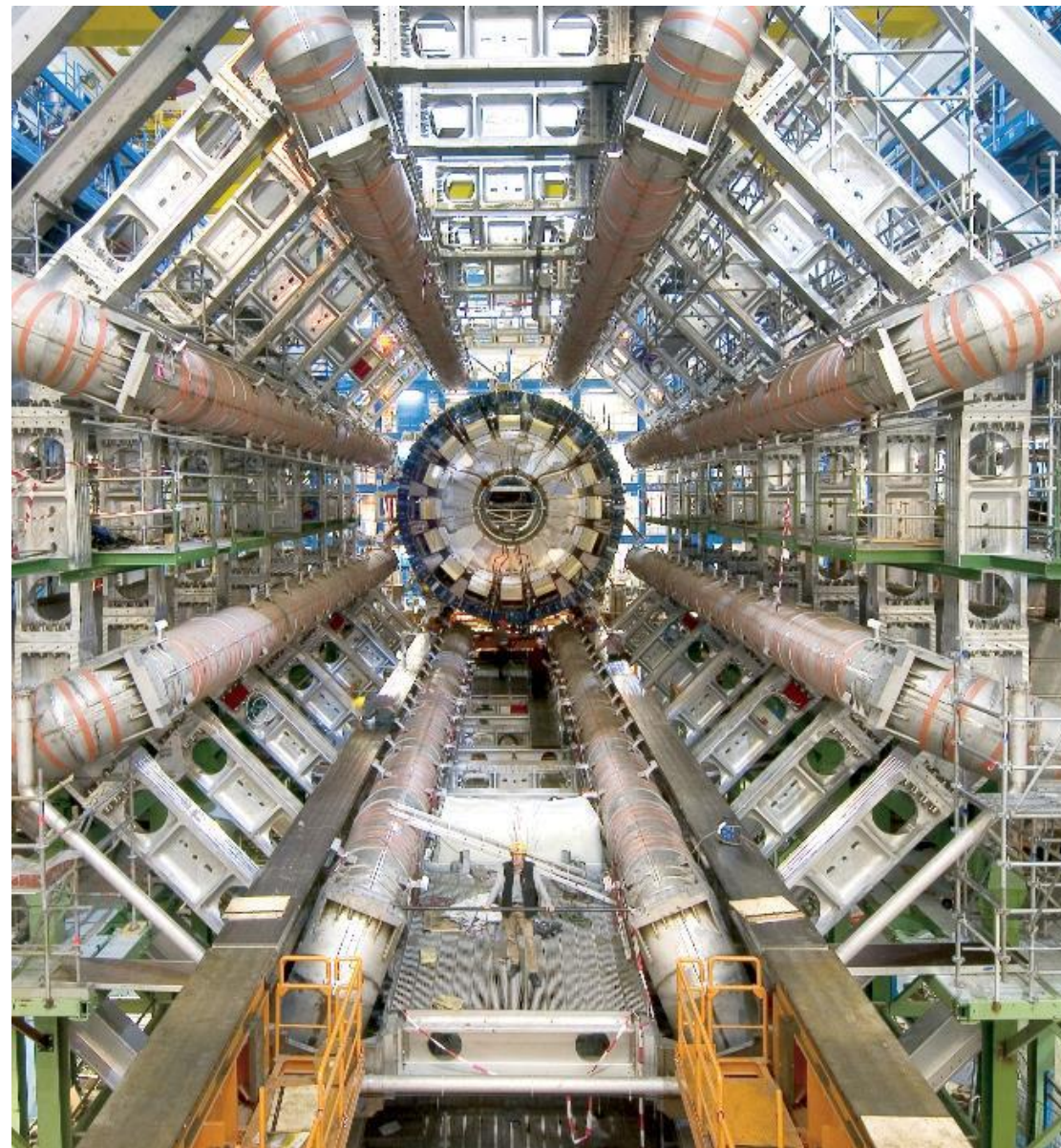Director of Global Channels
Auvesy-MDT

Agenda

01 | Industry Landscape

02 | Customer Testimonial

04 | Cohesive Change Management

03 | Protect Your Back(up)
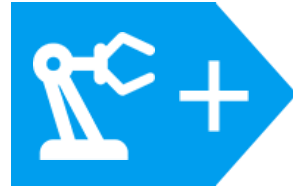
Industry Landscape

> *We have made significant gains in certainty and quality when it comes to data availability in areas where many programmable logic controllers are in use. Implementing versiondog has put us on a new quality level.*

Jerónimo Ortolá Vidal, Automation engineer at the Industrial Controls and Safety systems Group of the Beams Department at CERN

The world of automated production is undergoing drastic and rapid changes

Digitalization towards smart, connected factories
90% of production leaders expect more opportunities than risks from digitalization[1]

Product individualization and small batch sizes
98% of production companies anticipate that a fast reaction and change-over time will be critical to their success[2]

Market consolidation and heterogeneous environments
M&A in the industrial manufacturing and automotive sectors are at a record high and are expected to remain strong[3]

Sources:
1) PWC study, Digital Factories 2020; 2) Fraunhofer Institute Study, "Produktionsarbeit der Zukunft – Industrie 4.0";
3) PWC, "Global M&A Trends in Industrial Manufacuting and Automotive Sectors: 2022 outlook"

The Fourth Industrial Revolution
Industry 4.0

The change to modern technology & industries due to increasing interconnectivity and smart automation

Wolters brewery places its trust in our solution to ensure maximum uptime and safety

"Cyberattacks are a real danger for us. The ability to trace all incidences of data access, including the timestamp, was what led to the decision to integrate [your solution] [1]."
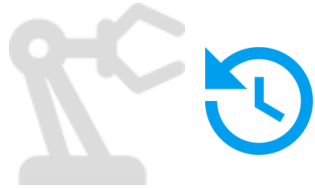
Matthias Teitge
Head of Plant Management
Hofbrauhaus Wolters brewery

Sources:
1) Quote given on versiondog, the former software solution from AUVESY GmbH and logical predecessor of octoplant

Cohesive Change Management

Success in automated production requires mastering key challenges

AUVESY-MDT

Reduce downtime

82% of companies experience unplanned downtime[1], with a huge impact!
Average duration: 4 hours[1]
Average costs: 2 MUSD[1]

Safeguard assets

Effects of cyberattacks became more severe.
Downtime from ransomware attacks increased by 40% in 2022[2] alone.

Effective cooperation between OT and IT

IT and OT worlds are historically poorly connected. E.g.: Experts estimate that only 10% of MES systems are connected to the OT, reducing ability to successfully steer production.

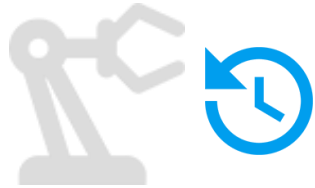***Vendor independent version control and backup**

Sources:
1) Vanson Bourne „Cost, Causes and Consequences of Unplanned Downtime" 2018
2) Statista

Protect your back(up)

Security, data recovery, device configuration, and operational efficiencies

Security

Take proactive solutions to detect cybersecurity threats and decrease downtime
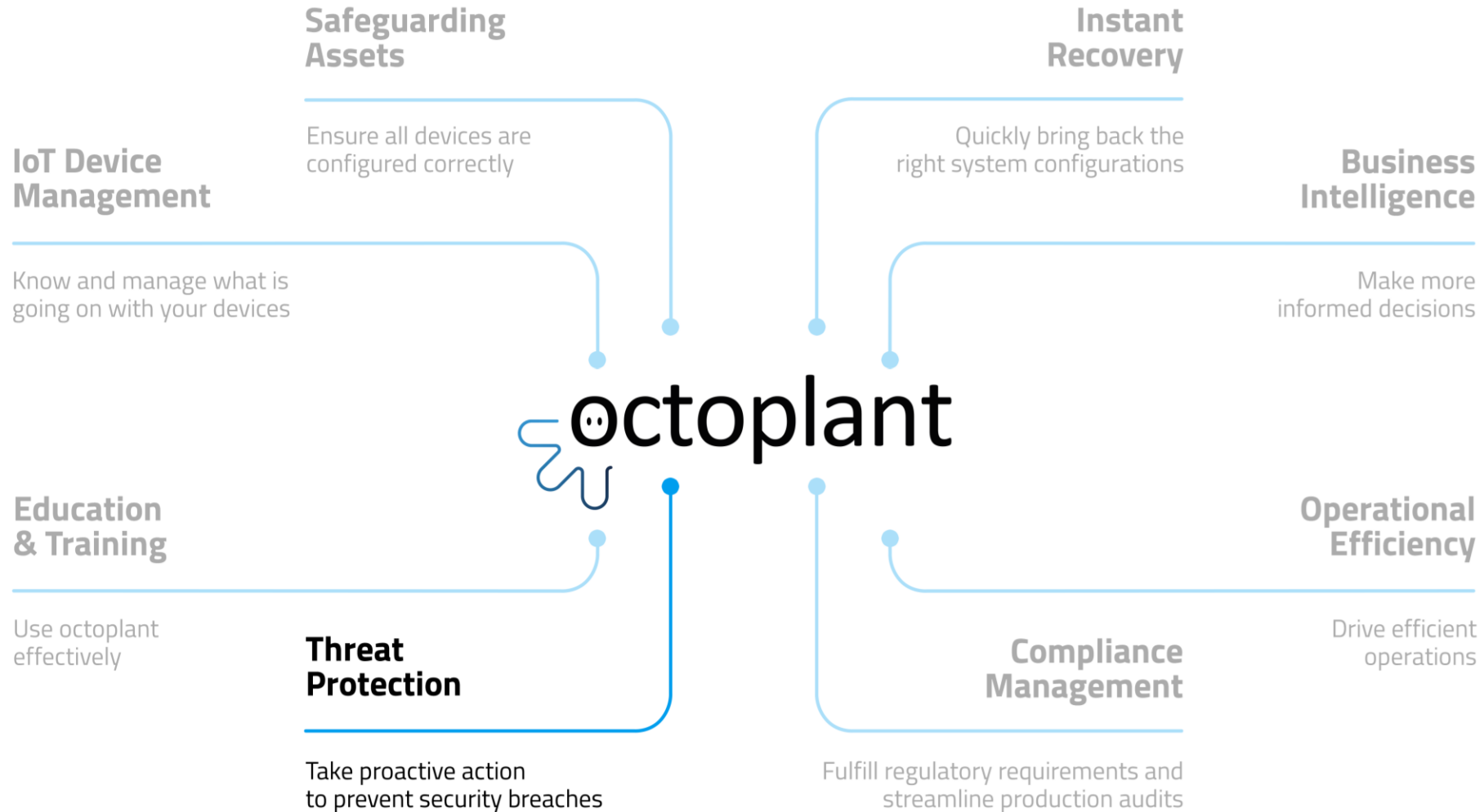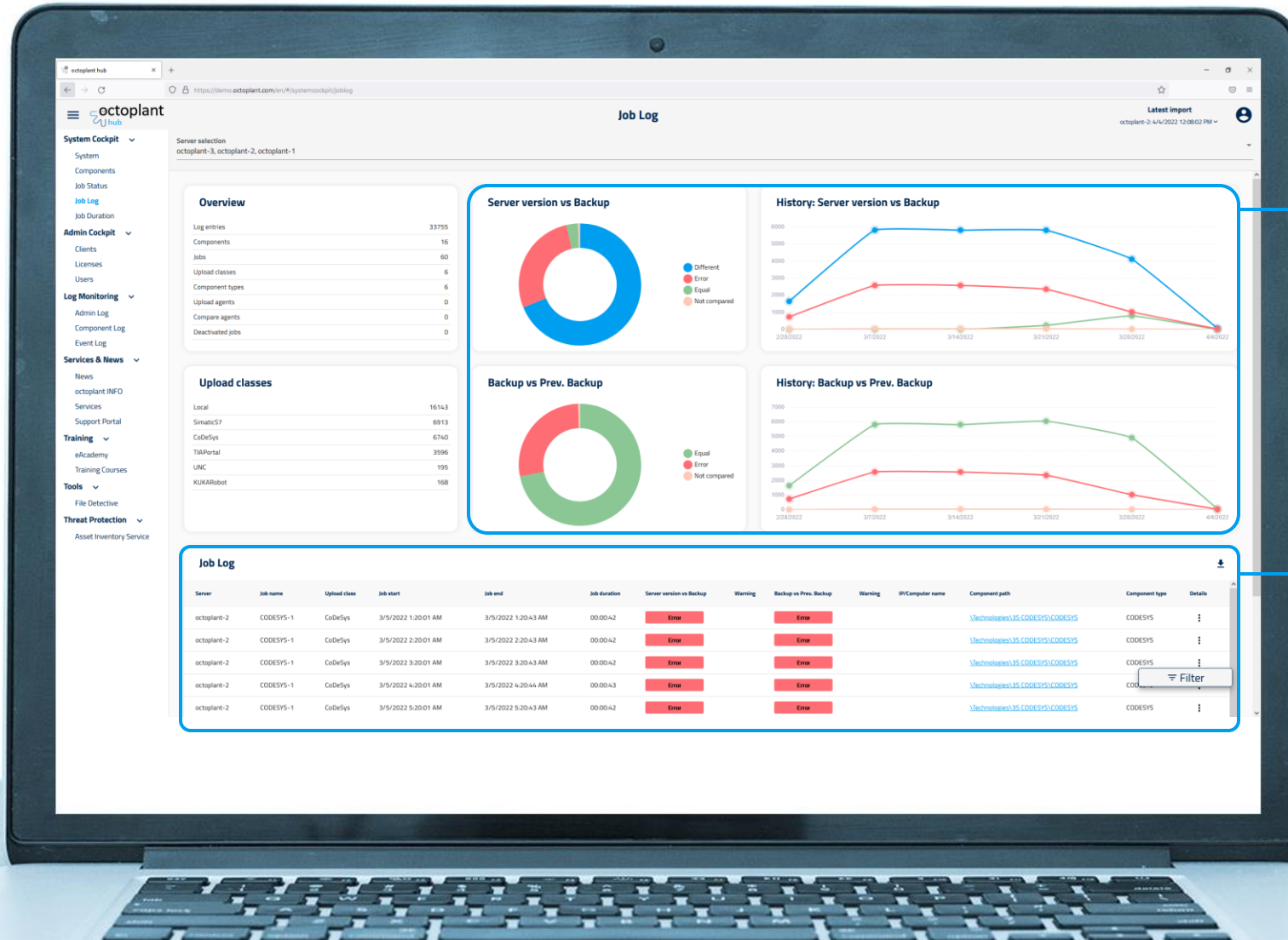
Recovery

Recover in any case in a short manner

Productivity

Get back up and running in a short amount of time

Threat Protection

Safeguarding Assets

Ensure all devices are configured correctly

Instant Recovery

Quickly bring back the right system configurations

IoT Device Management

Know and manage what is going on with your devices

Business Intelligence

Make more informed decisions

octoplant

Education & Training

Use octoplant effectively

Operational Efficiency

Drive efficient operations

Threat Protection

Take proactive action to prevent security breaches

Compliance Management

Fulfill regulatory requirements and streamline production audits

Compare insights on usage across multiple instances

Aggregated information helps to get a global overview

Detailed information allows for drill downs and further investigation or export data

ASSET INVENTORY SERVICE AT A GLANCE

octoplant hub +
Claroty CTD

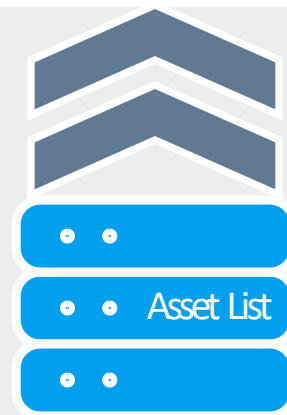Overview, management, and reporting of your OT Assets

Integration and consolidation asset list, versiondog, and other data sources

Asset Inventory Service

CLAROTY

Option: Network Scan

Passive Scan

Active Scan

Asset List

Populate identified assets

Asset data enriched with
information from octoplant

octoplant server

octoplant

octoplant change

Automatically updated
and enriched on the asset

Import new
identified assets

Expands disaster
recovery coverage

octoplant

Speaker Info

If you have any questions, please contact us!

Thank you!

Alexander Seibel

Director of Global Channels

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