



RESILIENCE IN YOUR PRODUCTION WITH OCTOPLANT

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About AMDT



With over 25 years of combined experience, we are prepared to tackle today's biggest challenge in automated production: delivering production resilience.



200+ Employees



6/10

of the world's largest manufacturers uses octoplant



3000+ **Customers**



100+

Partners across the globe

1987

2007

2021

2024

MDT Software was founded

AUVESY (Automated Versioning Systems) was founded

AUVESY and MDT-Software merged

Both names merged to one: AMDT

Visit our website: www.amdt.com



We deliver production resilience to over 3,000 of the world's most known brands



What is Production Resilience?

The ability to quickly adapt to disruptions or unplanned events that could threaten operations, people, brand, or reputation.





Two views on production resilience









Device Management

Know and manage your OT and related IT components centrally

Assets Safeguarding

Ensure all devices are configured correctly

Threat Protection

Take proactive action to prevent security breaches

Versioning

Go back in time to track changes and recover proven configurations **Business Intelligence**

Make decisions efficiently

Operational Efficiency

Streamline and optimize operations

Compliance Management

Fulfill regulatory requirements and streamline production audits

Instant Recovery

Quickly bring back the right system configurations

Soctoblant

Our solution: hardware-agnostic industry standard



We can backup and version any OT device or document

- Sensors
- **6** HMIs
- Robots
- CNCs
- PLCs
- SCADA systems
- Motor drives
- Field devices
- Switch/Router/Firewall
- Industrial PCs
- Programs, configurations and parameters

Enhanced management for 150+ most common OT and OT-related IT devices





























































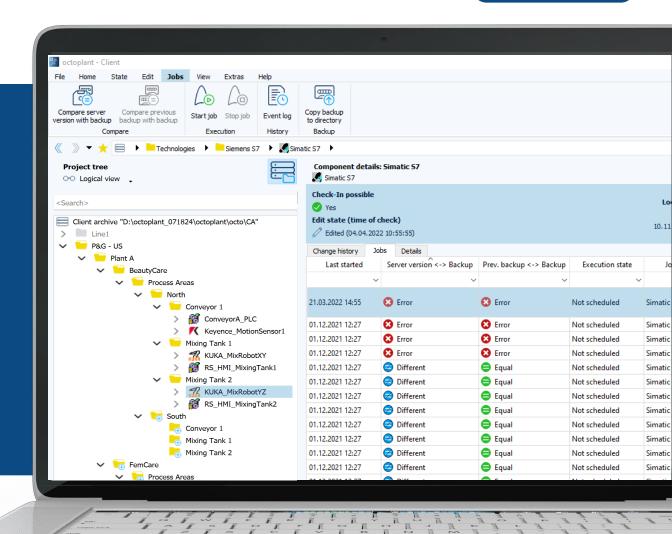


Five key functions to improve Production Resilience



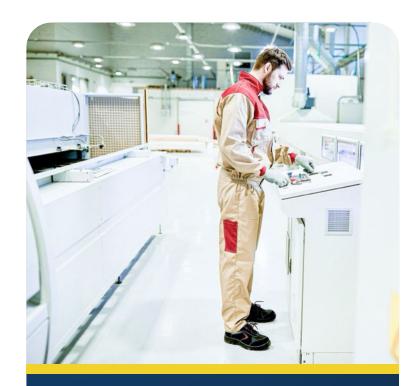
- Backup
- Restore
- Check-Out / Check-In
- Change Detection
- Risk Mitigation



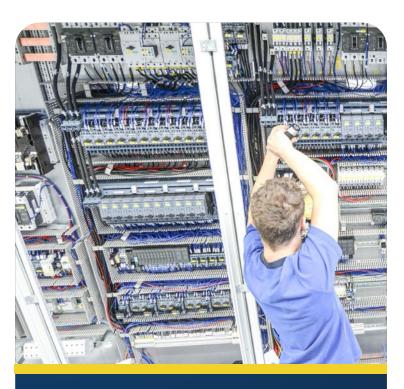


Automated production is undergoing drastic changes





Change management is the top workforce related challenge in industrial organizations



OT device landscape is increasingly complex and diverse as new technologies are introduced



70%* of industrial firms experienced a cyber attack in 2023



Threats to Production Resilience

- Human Errors
- Unapproved Changes
- Lack of Traceability
- Employee Turnover
- Recovery from Equipment Failure
- Cyber Attacks
- Natural Disasters
- You name it



Recent events in production







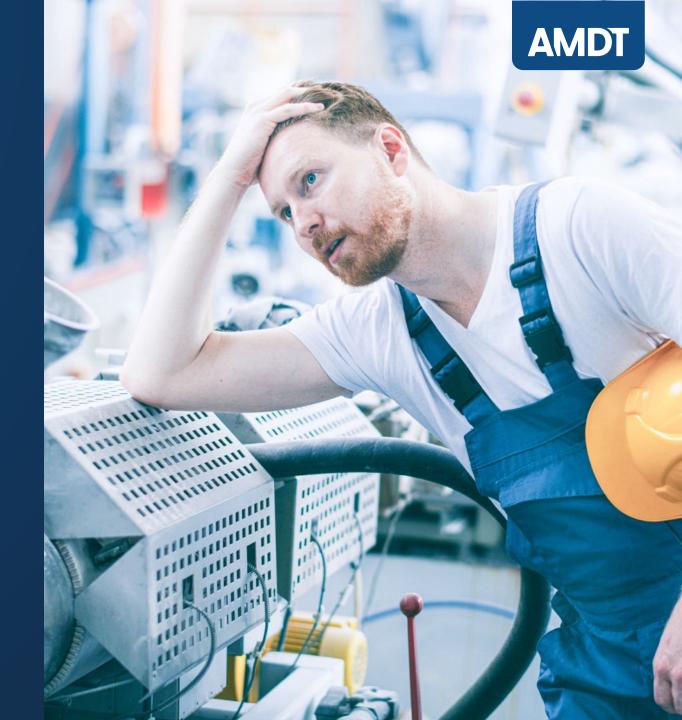


With a more comprehensive backup and recovery strategy using octoplant, these companies would have saved millions!



Resilience is a company wide priority, with different needs across roles

- **..** CEO/COO
- VP of Operations
- OT & IT Security Manager
- Plant Manager
- Engineering
- Maintenance



Production resilience priorities





- Profitability of operations
- Minimize organizational risk
- Maintain competitiveness
- Protect brand reputation



- Regulatory compliance (NIS2/NIST)
- 7 Threat protection
- Risk monitoring
- Incident response



- Maximize production output
- Maintain quality standards
- Maintain production equipment
- Recover from disruptions

While priorities are different, all are preparing against the most common production threats...



octoplant ROI Based on Actual Customer Data

	All industries	Automotive	Food & Beverage
Avg. number of incidents per year ¹	5.8	8.3	4.1
Avg. time saved per incident in hrs ²	2.2	1.8	2.7
Avg. time saved per year in h	12.7	15.0	11.0
Costs in USD	All industries	Automotive	Food & Beverage
Cost of downtime/hour (low)	\$100,000	\$500.000	\$20,000
Cost of downtime/hour (medium)	\$125,000	\$1,000,000	\$50,000
Cost of downtime/hour (high)	\$150,000	\$1,400,000	\$80,000
Savings in USD	All industries	Automotive	Food & Beverage
USD saved from reduced downtime per year (low)	\$1,265,128	\$7,511,500	\$220,728
USD saved from reduced downtime per year (medium)	\$1,581,409	\$15,023,000	\$551,820
USD saved from reduced downtime per year (high)	\$1,897,691	\$21,032,200	\$882,912

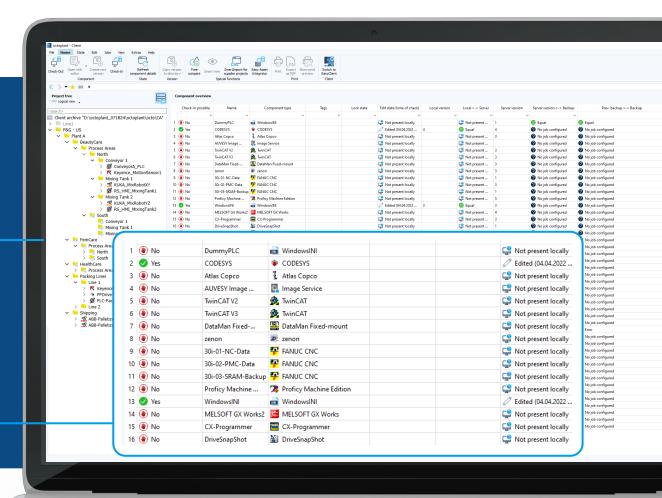
Receive a 360-degree view of your production environment



Project tree in an individual structure (e.g.: cost center, geography, etc.)

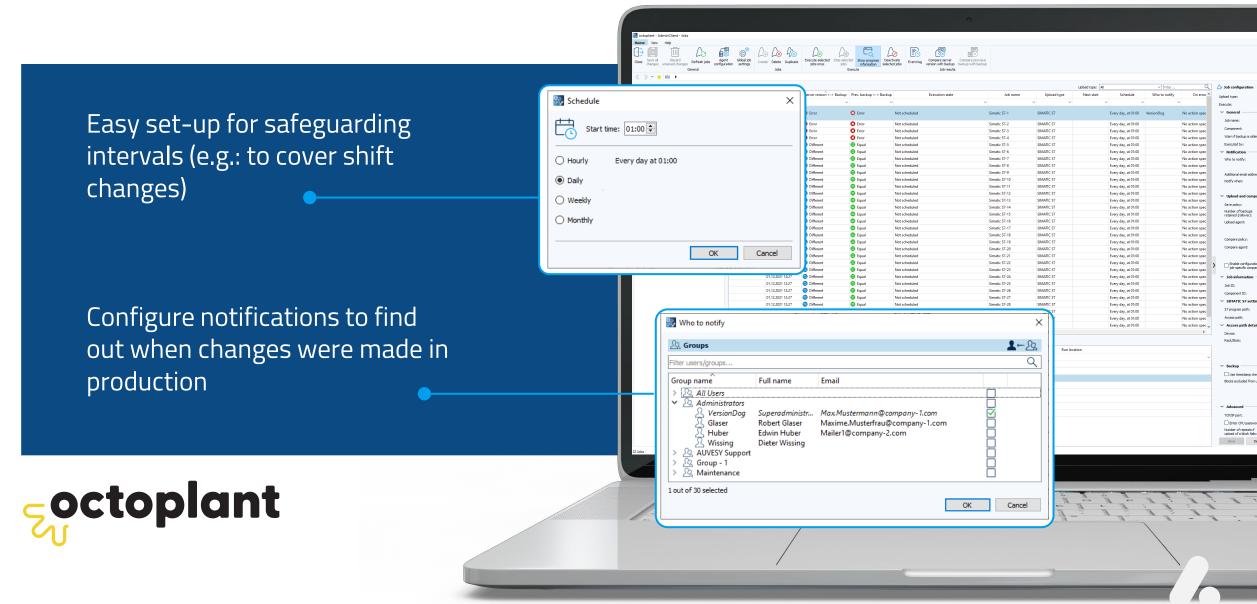
Clear overview of the integrated assets so you can see what is going on





Scheduled backups with automated notifications to alert users about production changes





Smart-Compare made easy: Clear analysis of version and status differences

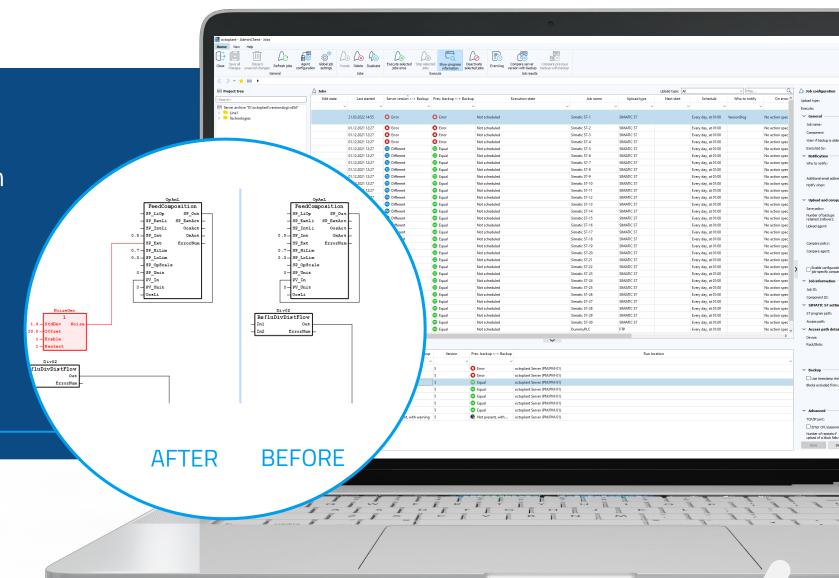


Easily compare different versions and statuses with the help of a clear change detection and analysis:

- in graphical form
- as a table
- in text form

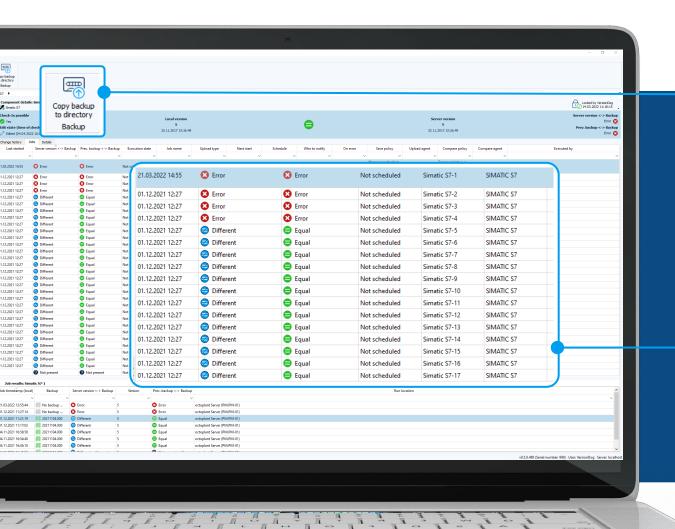
Detailed graphical information about changes

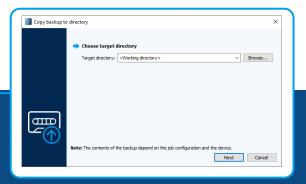
octoplant



Restore production at the push of a button







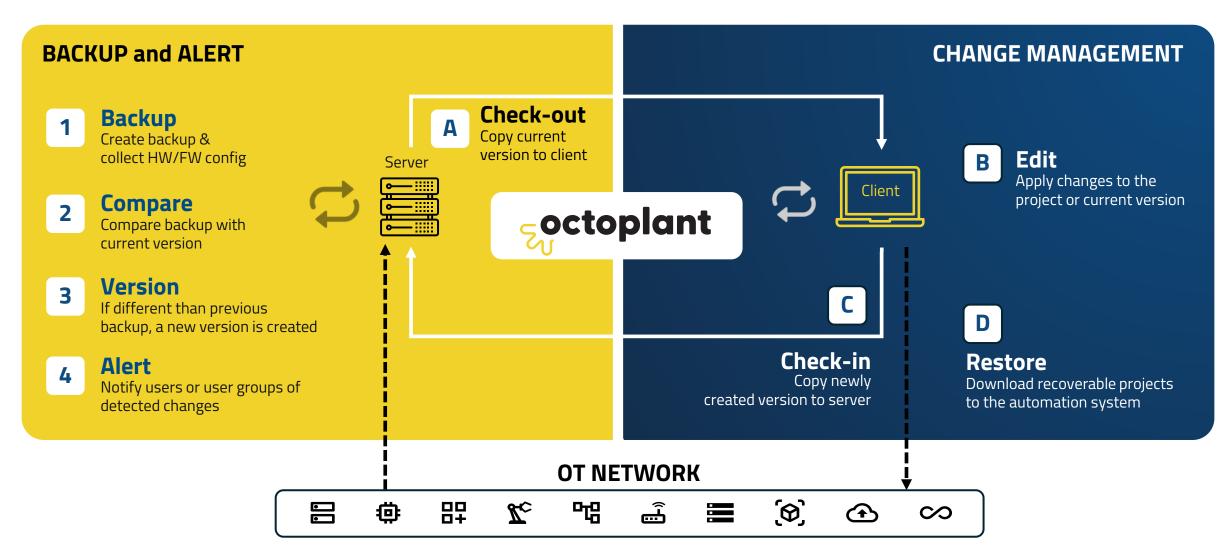
- 1) Select the applicable backup and copy it to a defined directory
- 2) Deploy the backup to the device via the engineering editor software

All backups in a central location to minimize search time and ensure that everything is where it should be



Octoplant workflow



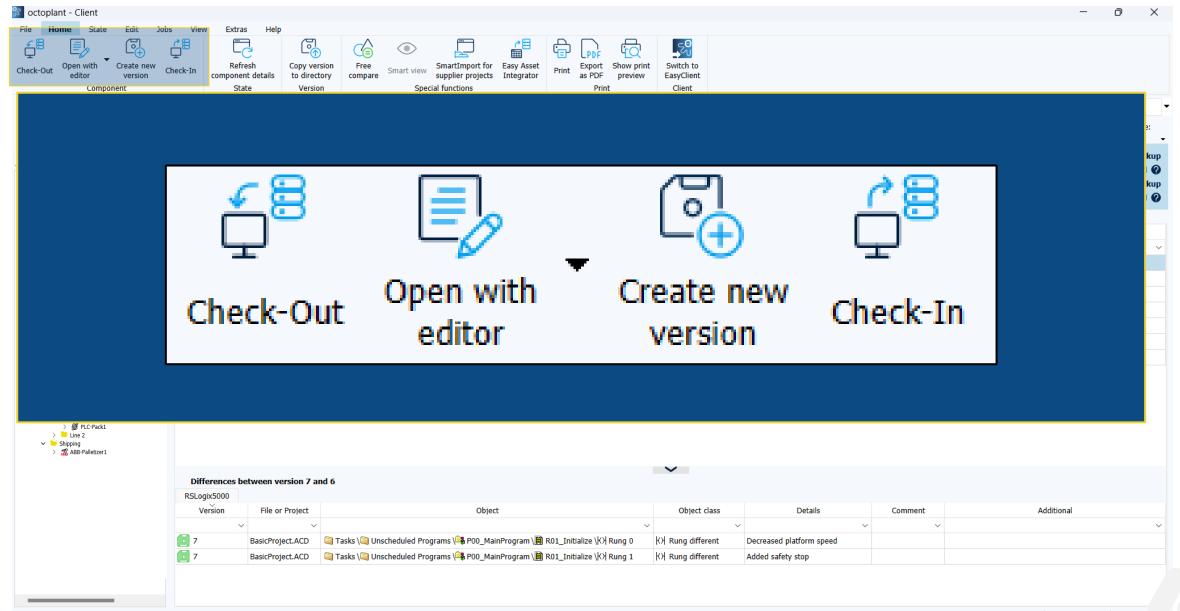


PLCs, CNCs, Robots, HMIs, SCADA systems, workstations and more



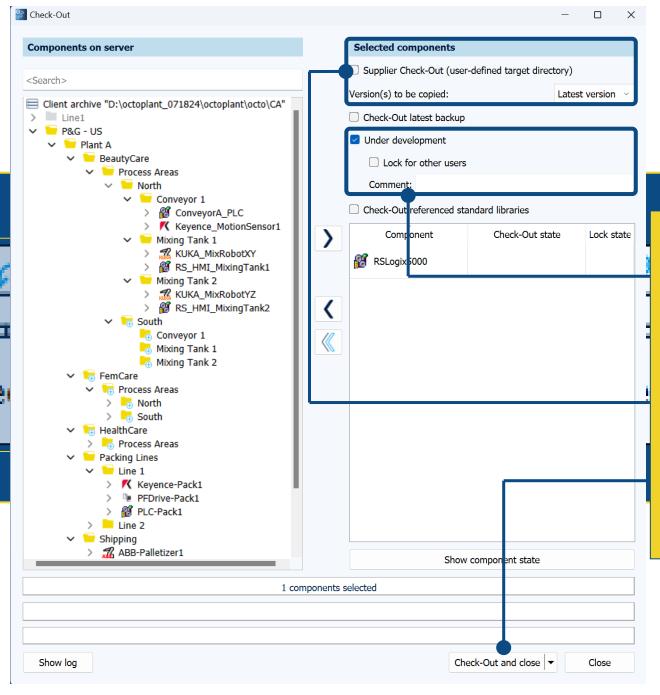
Easy workflow, exemplified





Check-Out



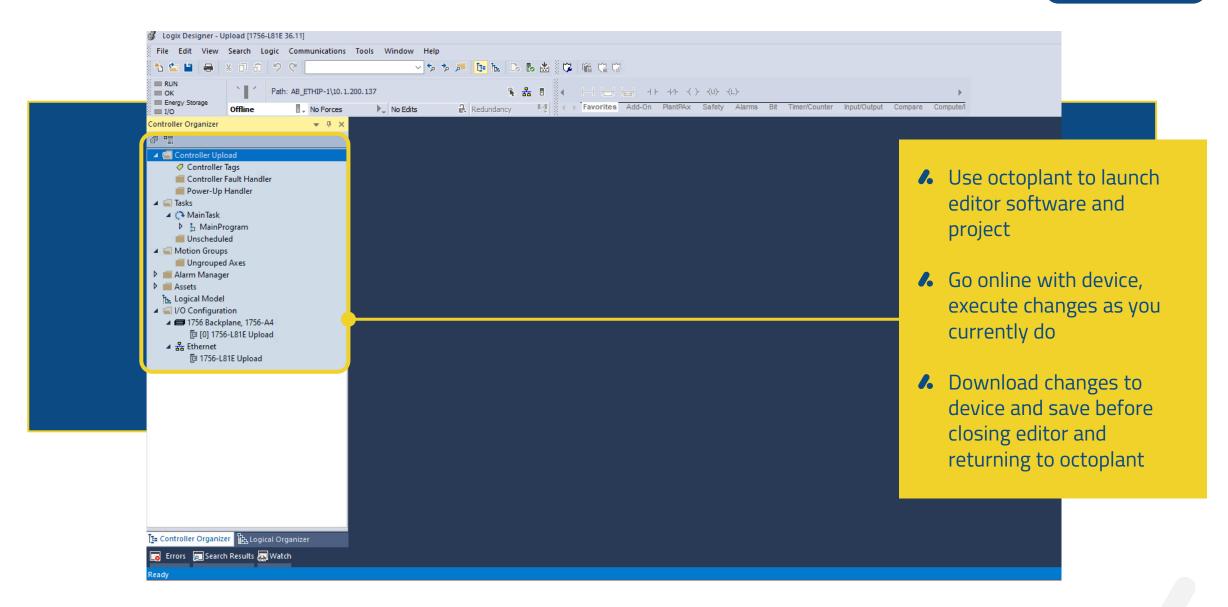




- Place soft or hard lock on component in octoplant to let other users know you are working on it
- Copy files to different directory than current workstation if needed
- Check out project files

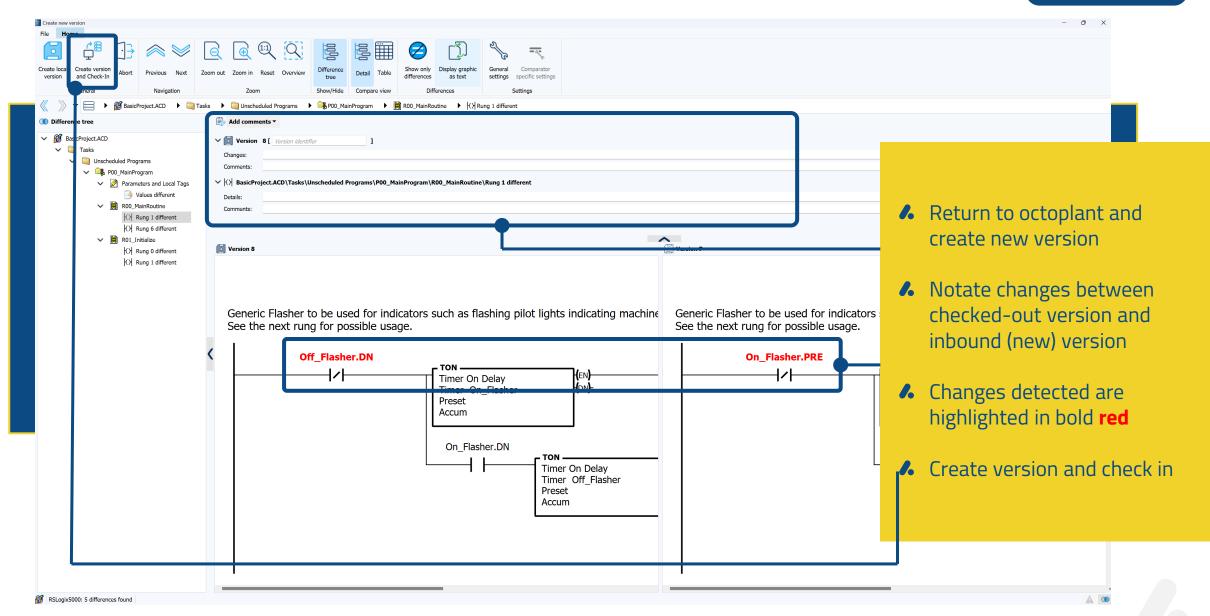
Open with editor





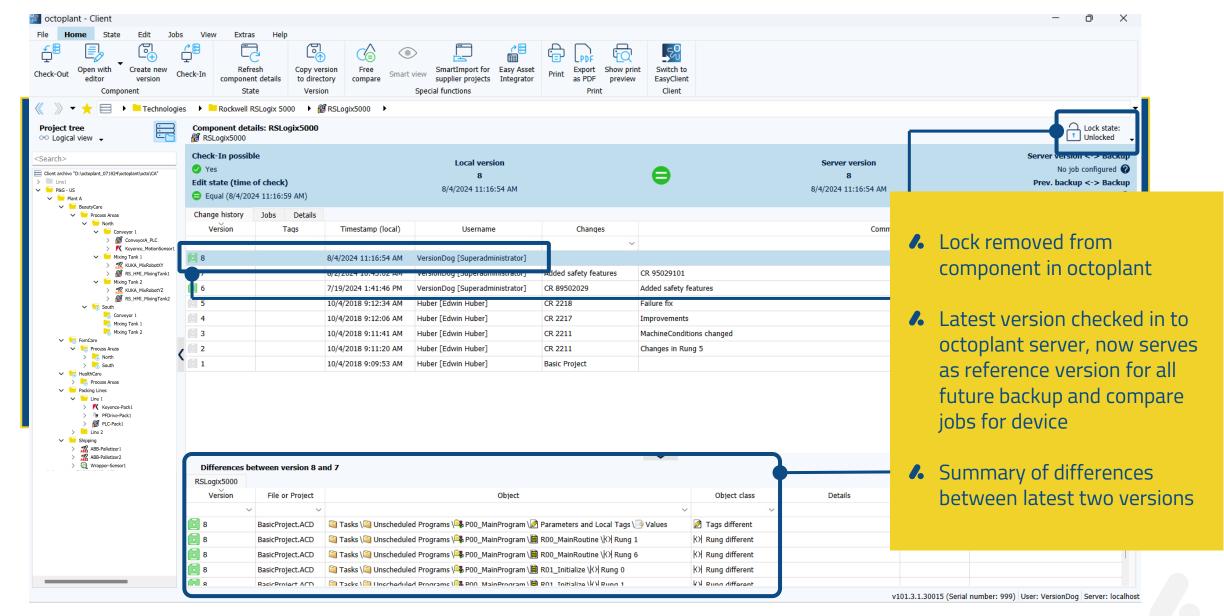
Create new version





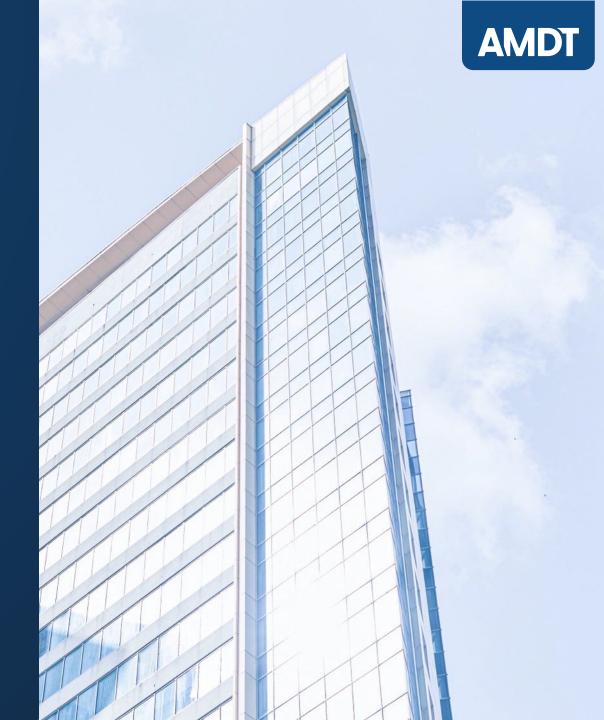
Check-In





Enterprise view

Maintaining oversight of plants





Two views on production resilience







Enterprise view: Consolidate relevant data across sites









Aggregate information for all production across the entire enterprise

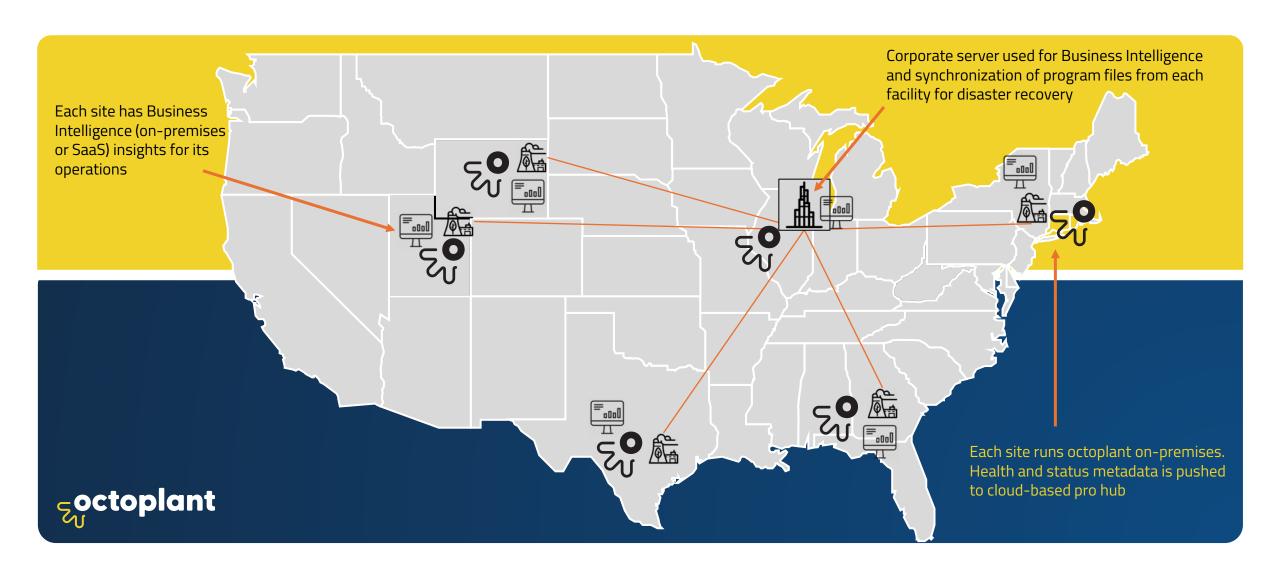


One-way "push" communication



Enterprise view: Consolidate relevant data across facilities



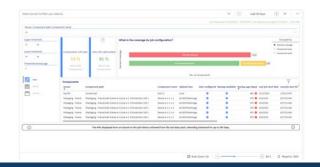


Enterprise-wide visibility



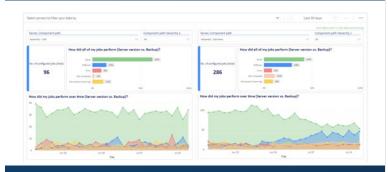


Site-Level Visibility



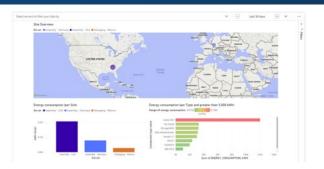
- Site Resilience
- Backup Status
- Asset Information

Enterprise-Wide Comparison



- Enterprise Resilience
- Single pane of glass
- Cross-site differences

Cross-System Correlation



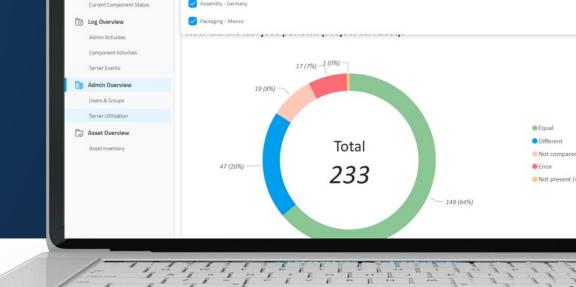
- Enterprise Optimization
- Change Impact
- Data Correlation

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Key features – octoplant pro hub



- Compare insights across sites
- Aggregated performance view
- Import and export data from 3rd Party
- Overview of current vulnerabilities
- Notifications for critical values



Assembly - Germany ⊗ Assembly - USA ⊗ Packaging - France ⊗ Packaging - Mexico ⊗

octoplant Server Utilization

Shopfloor Overview

Historical Job Status



Report overview – Current Job Status





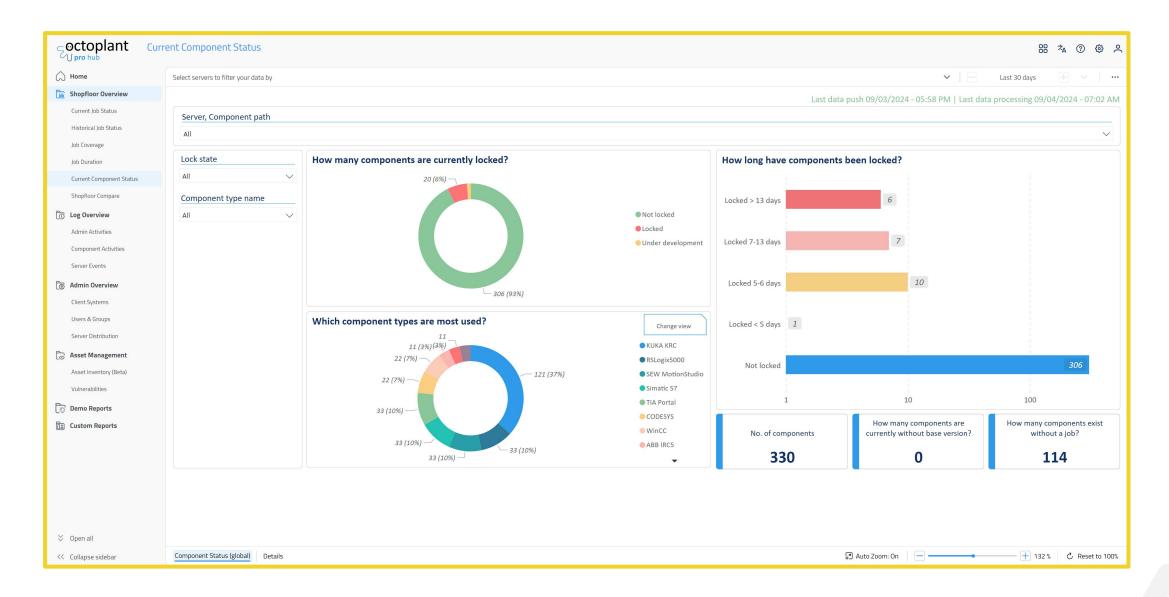
Report overview – Job Log / Historical Status





Report overview – Component Status





Report overview – Job Duration

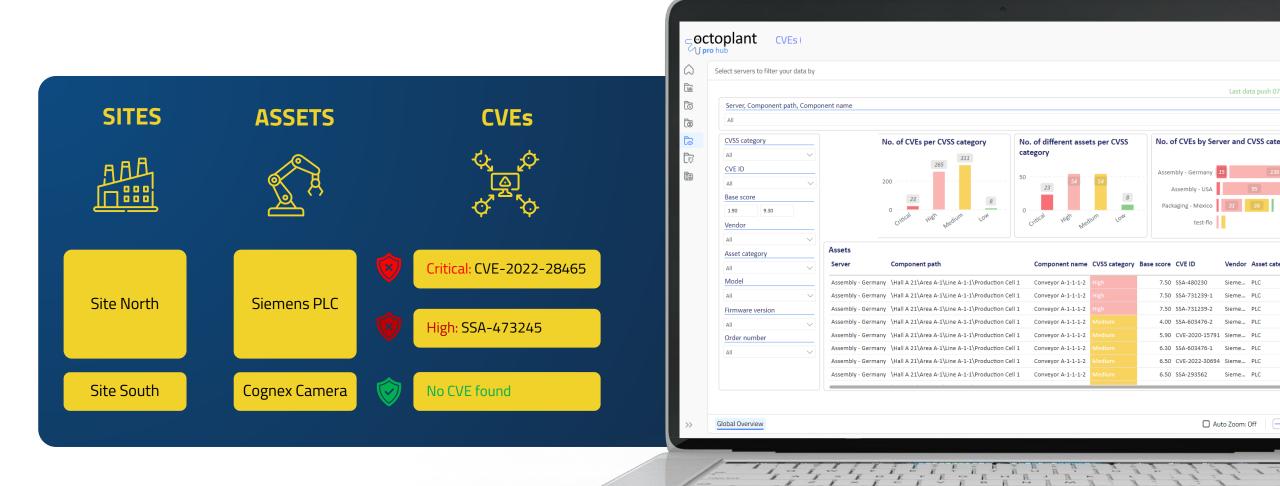




Asset Inventory and CVE Detection







Let us deliver production resilience together!



+ YOU!



Q & A



