Complete control over your production environment and industrial automation

Greater data consistency, security, safety, and reliability, thanks to backups and version control

AUVESY-MDT

HOW CAN INDUSTRIAL COMPANIES COMBAT DOWNTIMES?

Anyone facing long downtimes in production today has already lost the race for new business opportunities. Any company that does not have a complete overview of the program versions of its devices in **automated industrial production** risks not only business continuity but also blocks capacities for innovation and optimization.
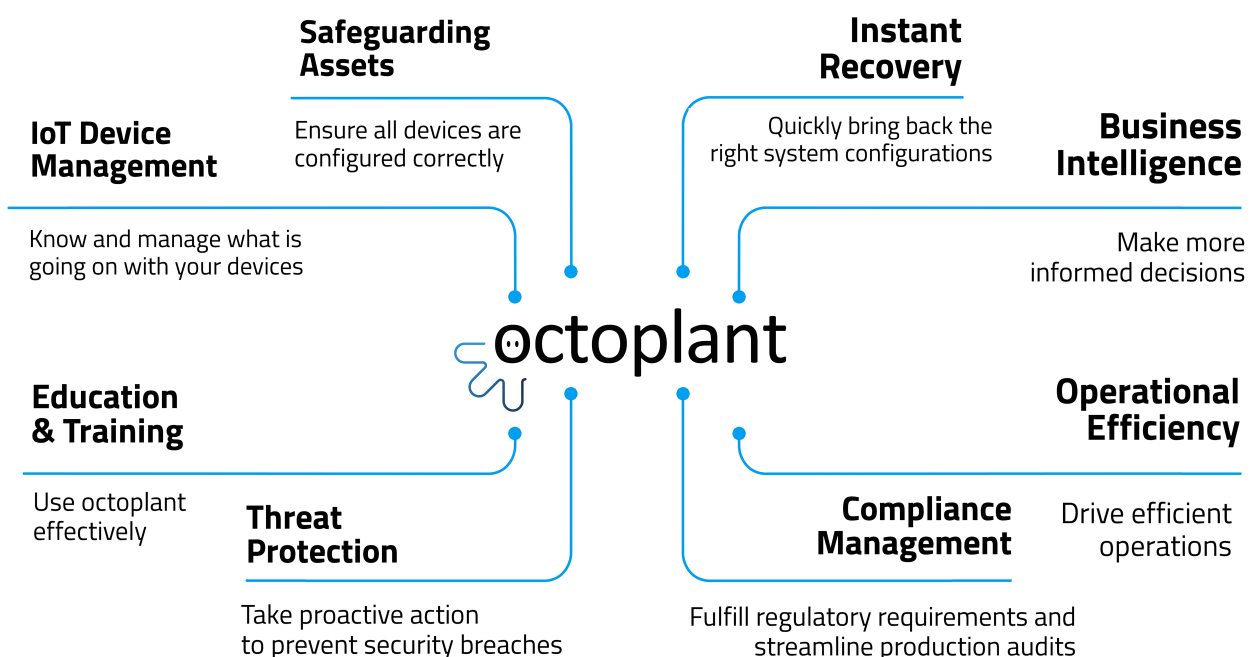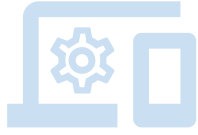
SO WHAT DO INDUSTRIAL COMPANIES NEED?

A strong partner who ensures the smooth operation of auto-mated production with versioning and backup solutions. AUVESY-MDT is that partner, true to their motto "We secure the world's automation."

HOW DOES IT WORK?

The software solution octoplant achieves vendor-independent integration of various automation technologies, from PLC and HMI to CNC, SCADA systems, and robots. It **enables traceability of changes**, compliance adherence, and transparency of security vulnerabilities.

In this way, industrial companies gain a comprehensive overview of all automation backups and the current status of the system. Management teams have a better decision-making basis to increase the **reliability of production facilities**, avoid or at least minimize production downtime, and significantly enhance manu-facturing efficiency and cybersecurity.

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

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1. IoT Device Management

octoplant is vendor-independent and can connect to all commonly found automated production and IoT devices. As a central data management platform, it handles programs and configuration settings data in a standardized manner. octoplant ensures transparent management of complex information in a way that is both manufacturer-agnostic and solution-neutral across all common industry standards. Its robust change history shows **who changed what, where, when, and why — at a glance.**

2. Safeguarding Assets

By backing up assets, octoplant helps safeguard automated production and ensures that the correct authorized version is always running. With complete version management, plant operators always have access to the latest version and can see whether changes are required. The process of creating backups is automated — saving time and labor, reducing errors, and ensuring a reliable **data snapshot of the entire production environment.**

3. Instant Recovery

octoplant's capacity for instant recovery ensures that all necessary programs, data, and settings are available and are running correctly. It also allows for production to be **restored at any time.** In the event of an emergency, octoplant enables production environments and devices to be restored quickly as it eliminates the need to search for the last previously functioning version.

4. Business Intelligence

octoplant consolidates the data of complex, fragmented production environments in one easy-to-use data management platform. It helps ensure that data is easy to analyze and thus **guarantees better, safer, and faster decision making.** Additionally, data can be exported and imported from third-party systems at any time. This solution provides **valuable insights**, allowing the user to compare different production locations and devices, and helps ensure reliable predictive maintenance.

octoplant

5. Operational Efficiency

octoplant enables companies to increase overall equipment effecti-
veness (OEE) by digitally connecting information from field, control,
supervisory, and enterprise levels. octoplant adapts to existing work-
flows and — by comparing servers — provides information on how
efficiently components are being used and how frequently changes
to specific components are being made. Guidelines and best practices
for assets and configuration settings data can lead to an **increased
level of standardization** and **efficiency**.

Drive efficient
operations

6. Compliance Management

Integrated documentation and regulatory workflows, such as those
for the release process, help ensure reliable and **seamless compli-
ance management.** This reduces risk, resulting in a rule-compliant,
traceable, and auditable production process. octoplant supports
compliance with **legal standards** such as the KRITIS IT security law,
the FDA 21 CFR Part 11 regulation, and GxP rules to ensure process
quality, production documentation, and proof of compliance.

Fulfill regulatory requirements and
streamline production audits

7. Threat Protection

Thanks to its proactive vulnerability, change, and risk detection fea-
tures, octoplant's holistic security architecture can protect production
environments from attack, **prevent damage, and avoid downtime.** It
breaks down the automatically assigned, regularly updated asset risk
score for each inventory asset. Therefore, AUVESY-MDT's solution can
be used to prevent or reduce damage and shorten or avoid downtimes
thanks to its vulnerability, change, and risk detection features.

Take proactive action to prevent
security breaches

8. Eduction & Training

Finally, due to **effective knowledge transfer**, companies can help
preserve their own production-specific knowledge and pass it on to
new employees. The comprehensive e-learning platform enables
employees to continue learning about octoplant anytime and
anywhere. Best practices in the form of videos and webcasts can help
improve job skills for everyone involved and ensure **rapid onboarding**
when it comes to new equipment or production lines.

Use octoplant
effectively