



DATA-DRIVEN INTELLIGENCE

EFFICIENCY,
TRANSPARENCY & CONTROL
FOR YOUR PRODUCTION
PROCESSES.



CLOUVER[®]

Why choose Clouver?

With Clouver, you can increase efficiency, reduce production costs, and improve transparency. Clouver offers maximum flexibility and is suitable for businesses of all sizes.



Data-Driven Intelligence

Make informed decisions with real-time data analysis.



Quick ROI

Cost-effective with minimal implementation effort.



Independence from Manufacturers

Compatible with machines from various manufacturers and technologies.



Industrie 5.0 Compatibility

Future-proof and adaptable.

Proactive Prevention of Downtime

| Measure | Impact | ROI |
|--------------------------|----------------------------|------|
| Predictive Maintenance | -30% unplanned downtime | 250% |
| Condition Monitoring | + 15% machine availability | 180% |
| Automated fault handling | -40% MTTR | 300% |

What is Clouver?

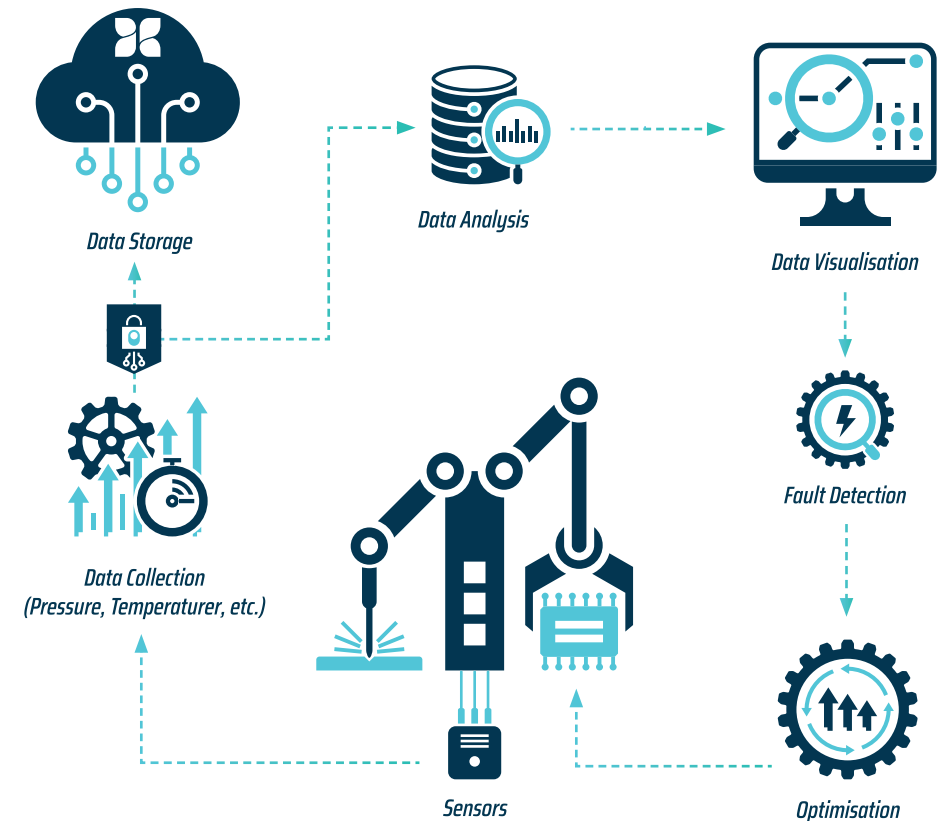
Clouver is an IIoT-based platform enabling comprehensive monitoring and analysis of production data.

It connects machines, sensors, and other systems, providing you with a complete overview of your production's condition and efficiency. Real-time monitoring allows you to analyse key metrics such as Overall Equipment Effectiveness (OEE) and Mean Time to Repair (MTTR).

These insights help you optimise **throughput**, **proactively prevent unplanned downtimes**, and ultimately **boost overall productivity**.

The Goal: *Identify bottlenecks early, minimise downtime, and sustainably boost overall productivity!*

How Clouver works?



Clouver is a modular platform that gathers data from various sources, such as machines, sensors, and **ERP** systems. The data is consolidated in the cloud and processed with advanced analytics tools. Results are displayed on user-friendly dashboards, making the information easy to understand and act upon.



Real-Time Monitoring

Continuous data streams

Second-by-second capture of all relevant production parameters.

Immediate Notifications

Automatic alerts for deviations or critical conditions.

Dynamic Dashboards

Customisable views tailored to different user roles and needs.

Analysis of Overall Equipment Effectiveness (OEE)

Availability

Measurement of actual operating time in relation to the planned production time.

Performance

Comparison of actual production speed with the theoretically possible speed.

Quality

Recording the proportion of defect-free products in the total production output.

Enhance Repair Times (MTTR)

Fault Detection

Automatic identification of issues through real-time data analysis.

Diagnosis

AI-supported fault analysis for swift and precise problem identification.

Repair

Guided maintenance systems assist technicians with efficient troubleshooting.

Documentation

Automatic logging of all repair steps for continuous process improvement.

Improve Machine Availability

Predictive Maintenance

AI algorithms predict failures, enabling timely interventions.

Optimised Spare Part Logistics

Accurate predictions for parts requirements streamline inventory management.

Automated Adjustments

Self-optimising systems modify operational parameters to maximise availability.

Security and Data Protection



Encryption

Advanced encryption technologies protect your sensitive data from unauthorised access.



Secure Authentication

Two-factor authentication methods ensure that only authorised individuals gain access.



Data Storage in Germany

Data is stored exclusively on servers in Germany, ensuring compliance with the highest data protection standards.

Simple Integration

Hardware Integration

Compatibility with a wide range of sensors and IIoT devices from various manufacturers.

Seamless integration of existing production machines into the Clouver ecosystem.

Software Integration

Seamless connectivity to common ERP systems and production software.

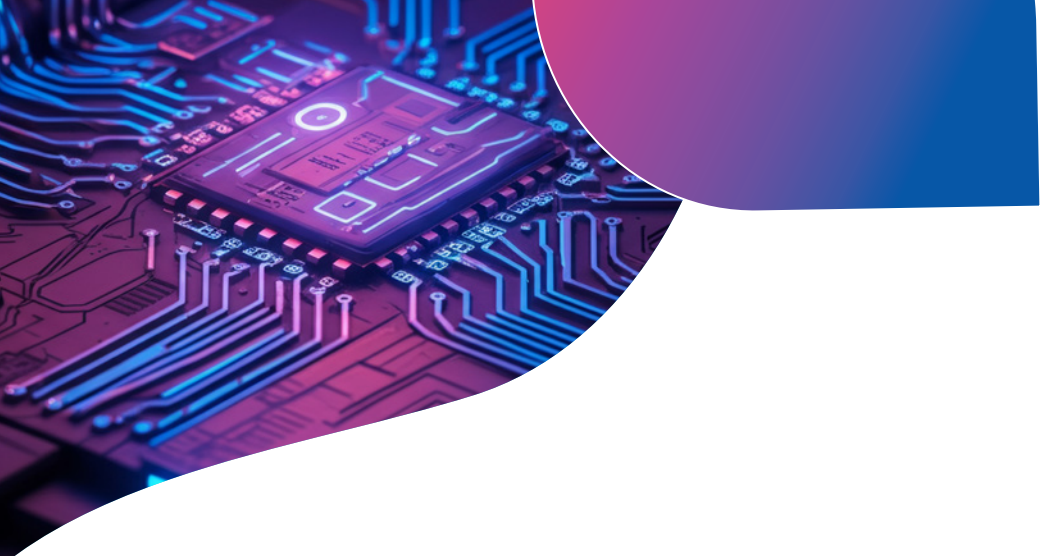
Open APIs enable integration with custom applications.

Data Integration

Centralised data acquisition and management from all production areas.

Uniform data formats for consistent analysis and reporting.





Flexible Implementation



Cloud-based

Rapid deployment without extensive on-site hardware installation.



Modular Design

Customised solutions tailored to your specific requirements.



Scalability

Expand the platform effortlessly as your needs grow.



Minimal Disruption

Smooth integration into existing IT infrastructures without halting production.

Industries We Serve

Whether in **automotive, metalworking, or textiles**, Clouver's modular solution is perfectly adapted to the needs of every industry. Its flexible architecture grows with your business and can be continuously expanded.

Your Path to Digital Transformation

Analysis Phase

Individual needs assessment and process analysis.

Conceptualisation

Development of a tailored implementation plan.

Implementation

Step-by-Step integration of Clouver into your production environment.

Training

Comprehensive employee training for the effective use of the platform.

Optimisation

Continuous improvement and adaptation to changing requirements.

**Contact us now
to schedule a consultation!**

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