Reduce unplanned machine downtime by 90 %.

# Intelligent fault detection & maintenance planning

Machines and systems may be subject to malfunctions during operation. This results in unplanned downtime. With our intelligent fault detection, you can make your maintenance processes significantly more efficient and actively extend the service life of your machines and systems.

## This is how we proceed with intelligent fault detection and maintenance planning:



### Your benefits with our application:

- > Faults are detected at an early stage.
- > Unplanned otages are becoming rarer.
- > Maintenance measures can be planned.
- > Lengthy, unplanned downtimes are avoided.
- > Downtime costs are minimized.





Pre-built AI solutions & best practices.



∕∕ /doubleSlash

For customers individually customizable.



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## Intelligent fault detection & maintenance planning

#### Our services...

## 1. Connect

Remote device management and administation, Integration of external third-party systems,

User management and personalization.

#### 2. Maintain

Efficient processing of large data volumes and real-time data,

Rule-based device condition monitoring with customized dashboards,

Condition-based monitoring,

Al-based fault detection with sophisticated machine learning methods.

## 3. Consult

Exploration and requirements gathering, Introduction / installation & setup / customizing / project planning,

Training,

Operations and support,

Consulting services regarding the introduction of new, billable business models and digital services.

#### ...and their artefacts

- You receive a customized software solution tailored to your needs, which you can use to monitor machines/systems, detect faults and plan maintenance with foresight.
- > The solution provided is cloud-ready, but can also be provided on-premises as an alternative.

#### doubleSlash - your experienced software partner

- > Multiple years of project experience in the connected things environment of mechanical and plant engineering.
- > We are your complete technology expert from cloud to AI.
- > We have established partnerships (e.g. Azure Gold Partner, PTC Partner).
- > We rely on professional project management techniques, employing agile methodologies and pre-made software artifacts to ensure swift time-to-market delivery.



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