



Mikron miS4.0

Improve your machine uptime

Your Benefits

Mikron miS4.0

Machine OEE control & improvement

Improve machine uptime through:

- Operator notifications triggered by machine status and pre-alerts
- TOP failure analysis module, two dedicated dashboards sorted and ranked respectively most frequent and relevant events
- Realtime conditions monitoring of the critical machine components, failure prediction triggers notifications and/or integrated actions

Reliable production and maintenance planning

- Access to machine performance dashboards (real time and history)
- Reliable machine outputs (quantity and quality)
- Reduced unplanned down times (operators standby) and extra working hours
- Reduced need of Mikron Service 24/7 availability
- Reliable and effective maintenance planning (no big surprises and combined/concentrated interventions)

Control and optimize the machines TCO

- Machine maintenance based on usage/conditions and not on calendars/check lists
- Stock reduction through failure prediction: critical component could be purchased in time, when needed (reduction of stock investments obsolescence risk)
- Predictable maintenance costs

Mikron Service performances

- Reduce reactive service increasing predictability
- Better interventions and material planning based on conditions monitoring and failures prediction
- Proactive recommendations from Mikron specialists based on the TOP failures analysis

Back-end integration

- Machine data available for your PDA (Production Data Acquisition)
- Facilitate spare parts purchasing (SAP integrated system)
- Facilitate Service intervention request (Ticketing integrated system)

Mikron machine improvement

- Better understanding of machine usage and your needs
- Product improvement based on „big data analytics“ and „machine learning“

Sales argument towards your customers

- Better control of the entire processes
- Production output reliability
- If authorized, your customers can access pre-defined production dashboards

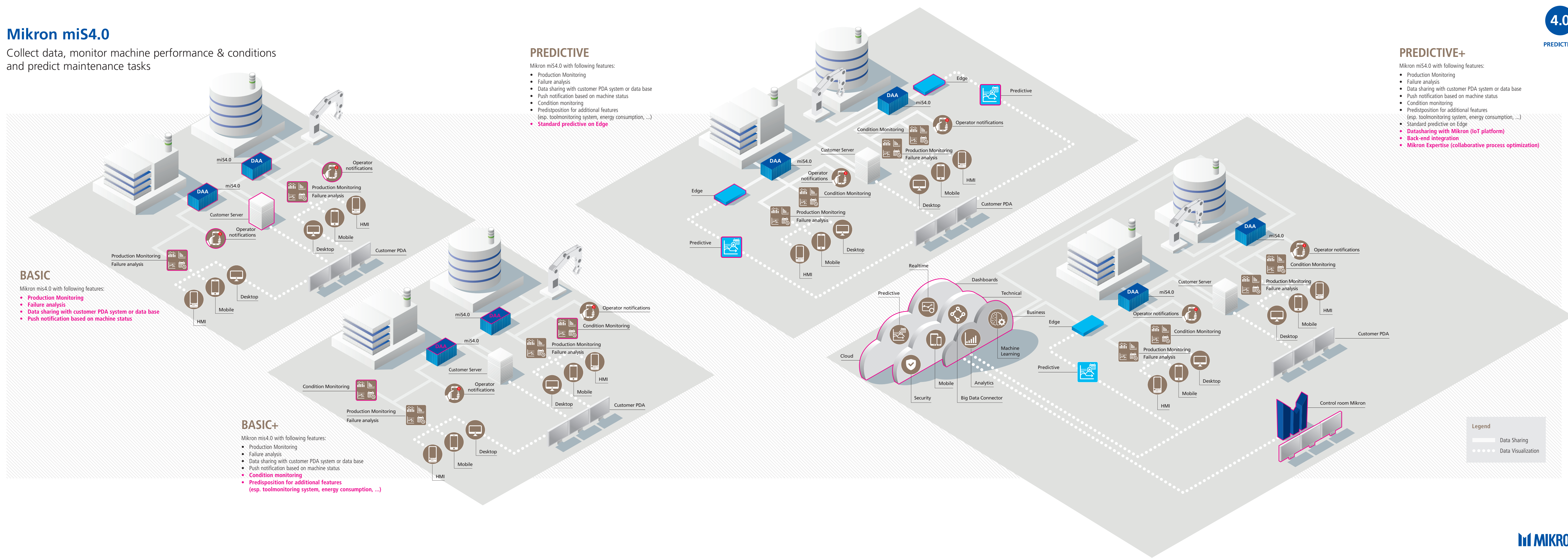
Mikron miS4.0 module

The miS4.0 module is an IPC that collects, store and normalizes data, allowing you to have complete overview and control of your production and machines.



Mikron miS4.0

Collect data, monitor machine performance & conditions and predict maintenance tasks



BASIC

- Mikron miS4.0 with following features:
- Production Monitoring
 - Failure analysis
 - Data sharing with customer PDA system or data base
 - Push notification based on machine status

BASIC+

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- Production Monitoring
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 - Push notification based on machine status
 - Condition monitoring
 - Predisposition for additional features (esp. toolmonitoring system, energy consumption, ...)

PREDICTIVE

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- Production Monitoring
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 - Predisposition for additional features (esp. toolmonitoring system, energy consumption, ...)
 - Standard predictive on Edge

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 - Condition monitoring
 - Predisposition for additional features (esp. toolmonitoring system, energy consumption, ...)
 - Standard predictive on Edge
 - Datasaring with Mikron (IoT platform)
 - Back-end integration
 - Mikron Expertise (collaborative process optimization)

Legend

- Data Sharing
- Data Visualization



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