

# moneo

The new IIoT platform  
for industrial evolution



Product presentation

# Product description

# moneo



## Are you ready for digital evolution?

**Does digitisation really have to be complex, difficult and time-consuming? Not with moneo!**

With ifm's new modular IIoT software platform you can experience digitisation in a new, modern and – yes, really! – simple way. moneo converts sensor data into digital information, evaluates it and transmits it to the IT world. Act with foresight. Avoid unplanned downtimes and get the most out of your system.

You will quickly realise: moneo is great. Thanks to the modular design, however, it is always just as comprehensive as you need it for your purposes. This means you can participate in the digital evolution at your own pace. Uncontrollable complexity is a thing of the past. It is time for simplicity and ingenuity. It is time for moneo!

Experience the digital evolution at **moneo.ifm**.



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Product advantages

# Why moneo?



## Open for everything

Industry-independent,  
manufacturer-independent  
IIoT platform



## Optimisation of processes

Sustainable and transparent  
improvement of quality, efficiency  
and plant availability.



## Customisable system solutions

Individually adaptable for different  
applications and industries.



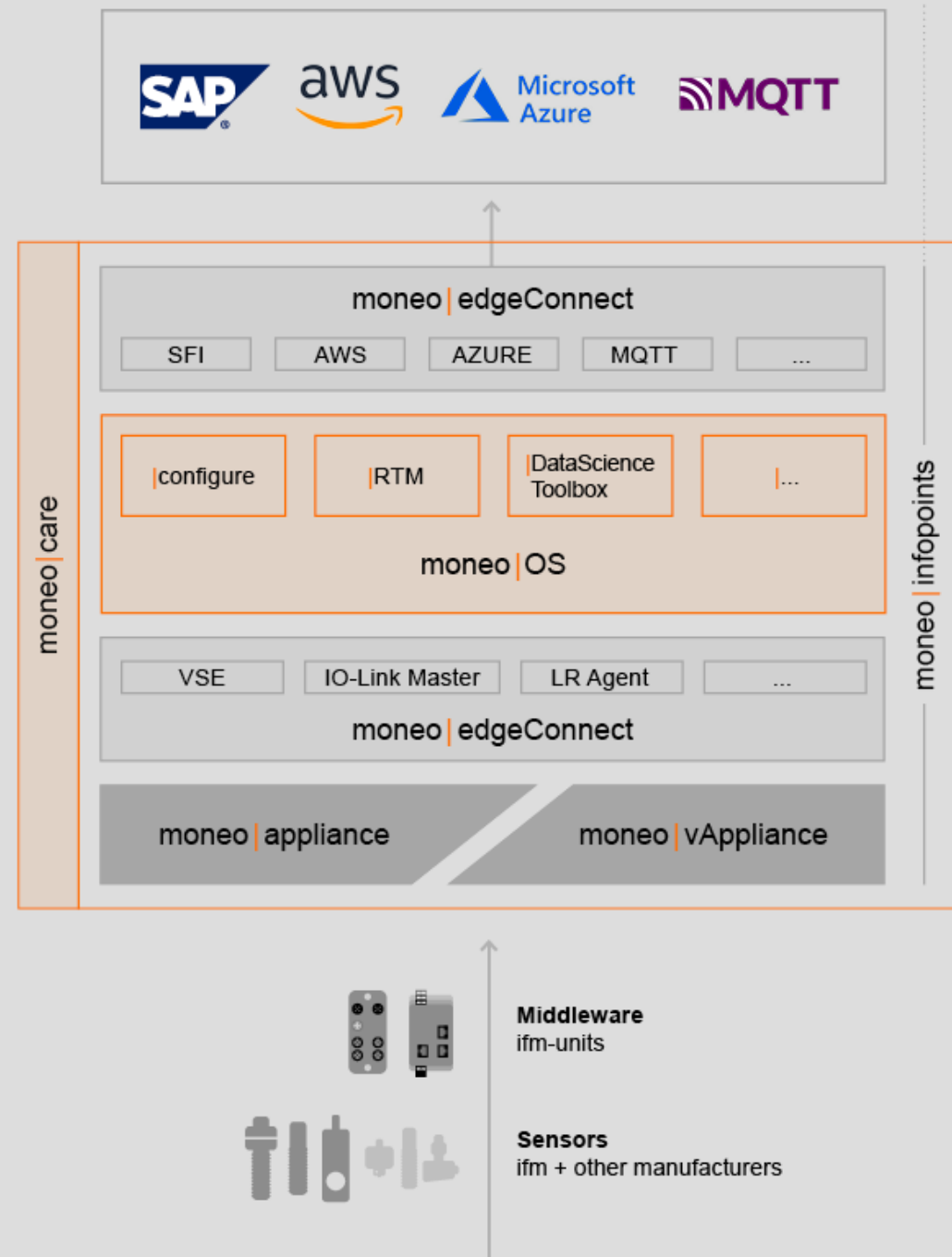
## Independent of the plant size

Customer-specific adaptation  
and scaling of the function  
modules for all machines.



# The IIoT platform moneo|OS

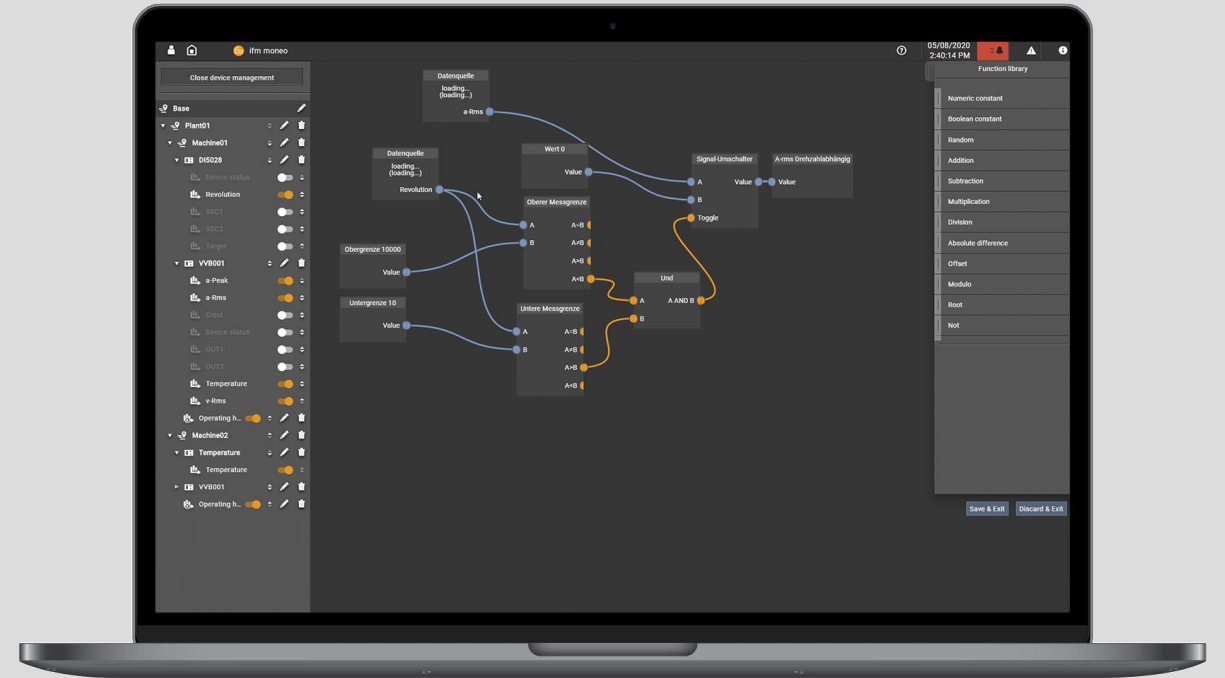
The heart and management tool  
for all moneo apps.



# The IIoT platform moneo|OS

Intelligent device integration enables  
a digital image of the system.

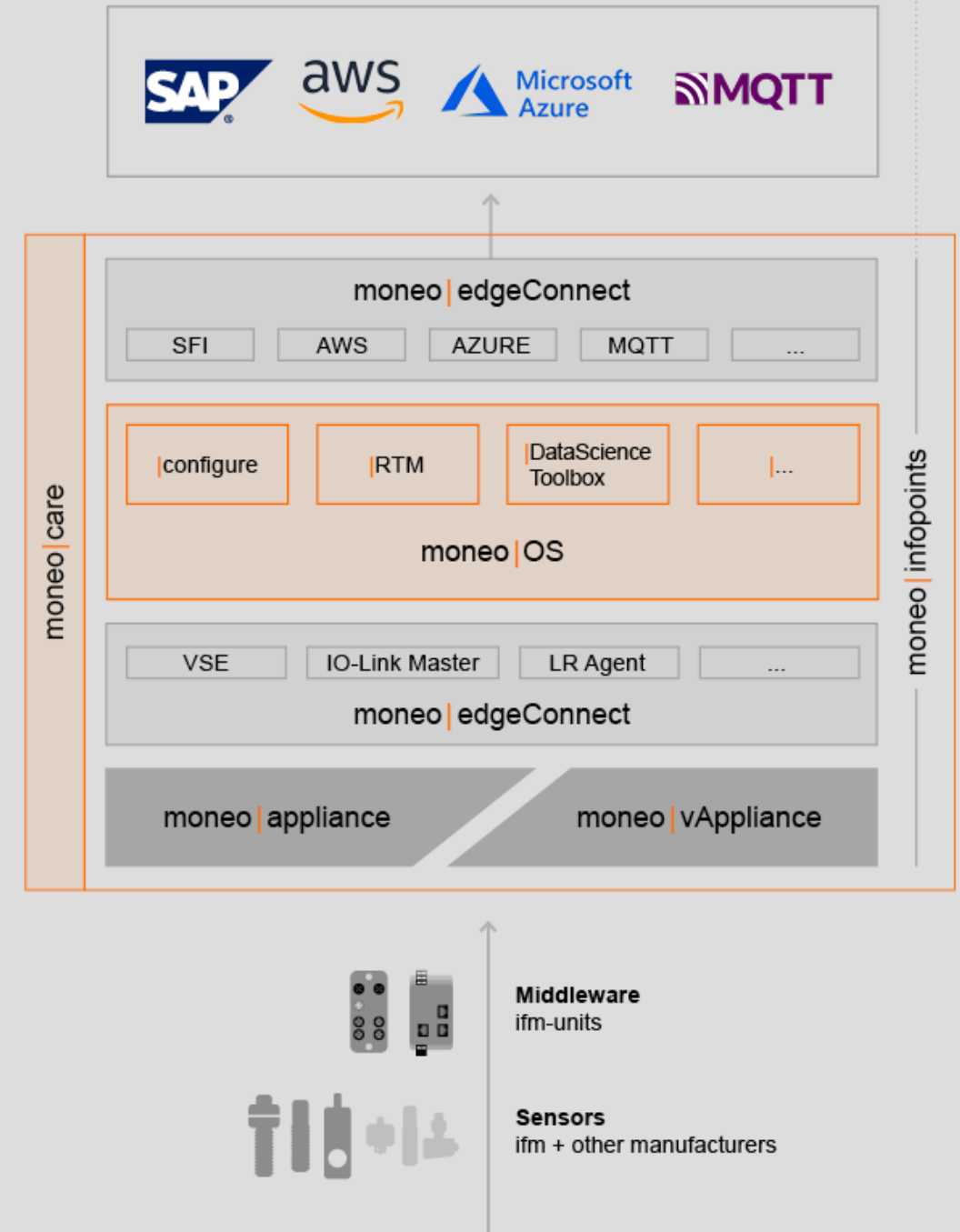
Tool for calculating data flow models  
and with automatic alarm function.



The data volume

moneo|infopoints

Scalable applications through licensing  
of data and information points.

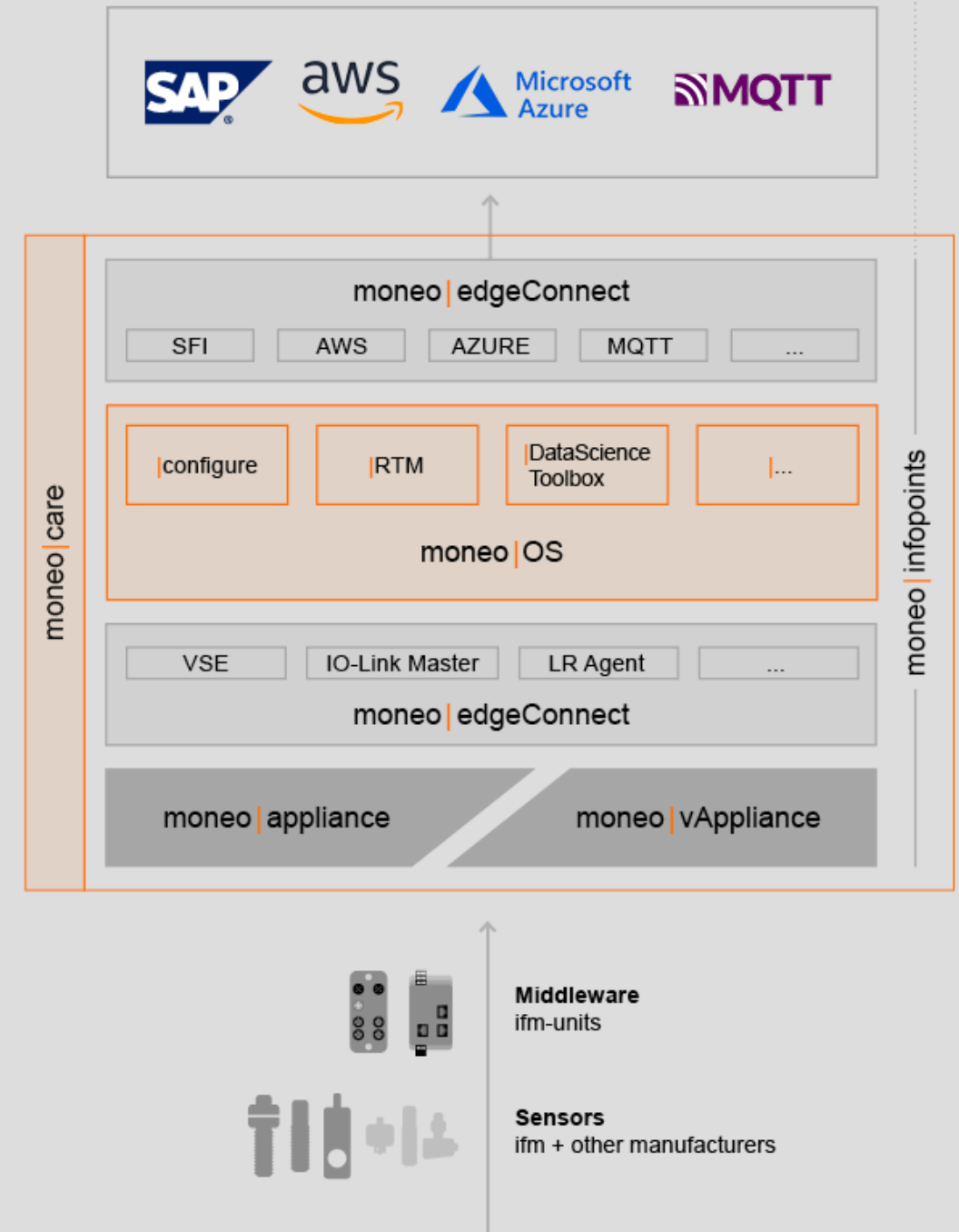


The communication interface

# moneo|edgeConnect

Translates sensor data into readable information and  
bridges the gap between OT and IT.

Provides process data, calculated values  
and, depending on the connector, tickets  
to external systems.

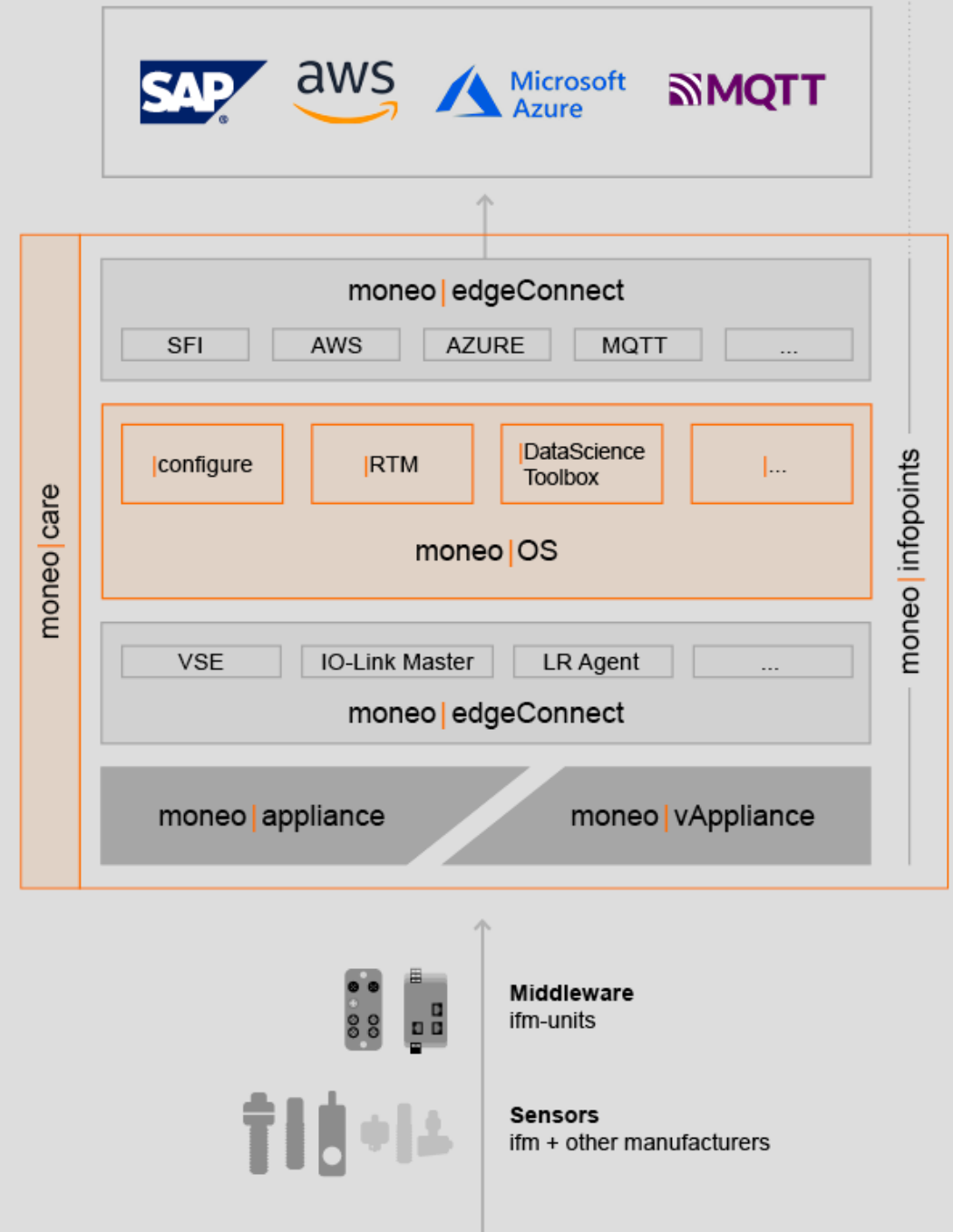


The analysis software

# moneo|RTM

Real Time Maintenance

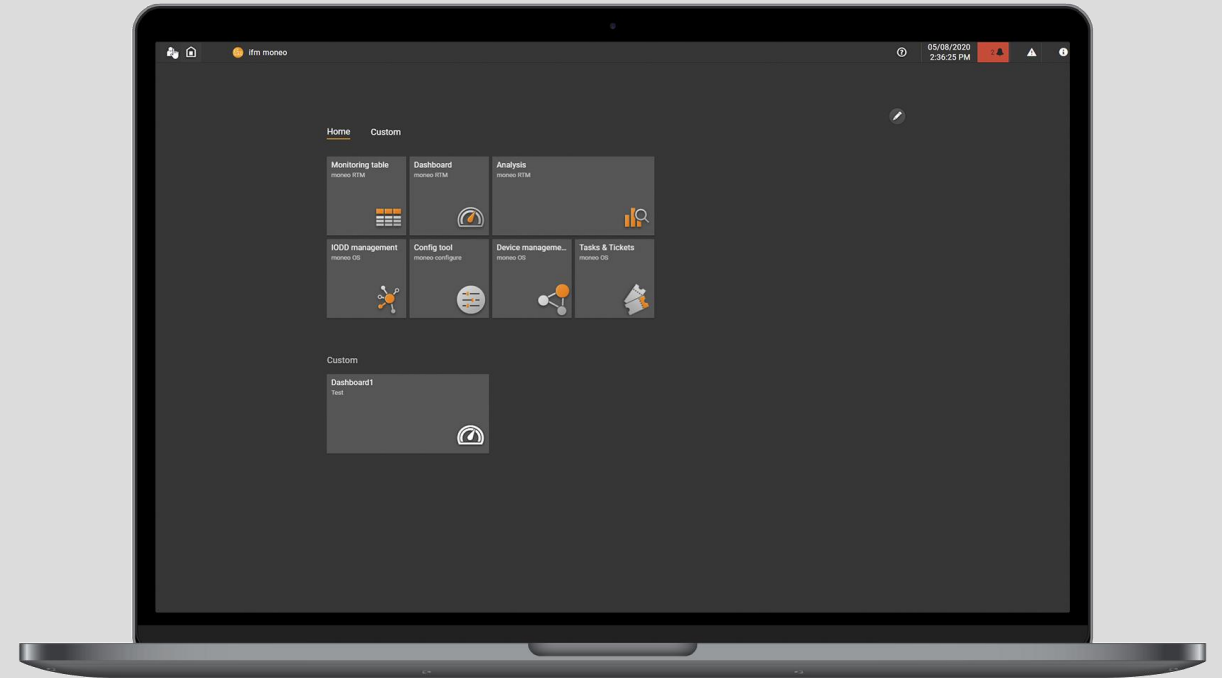
The Condition Monitoring App  
for plant monitoring.





# The analysis software moneo|RTM

Enabling extensive data analysis  
less downtime, more efficient  
maintenance planning and  
cost-optimised production processes.

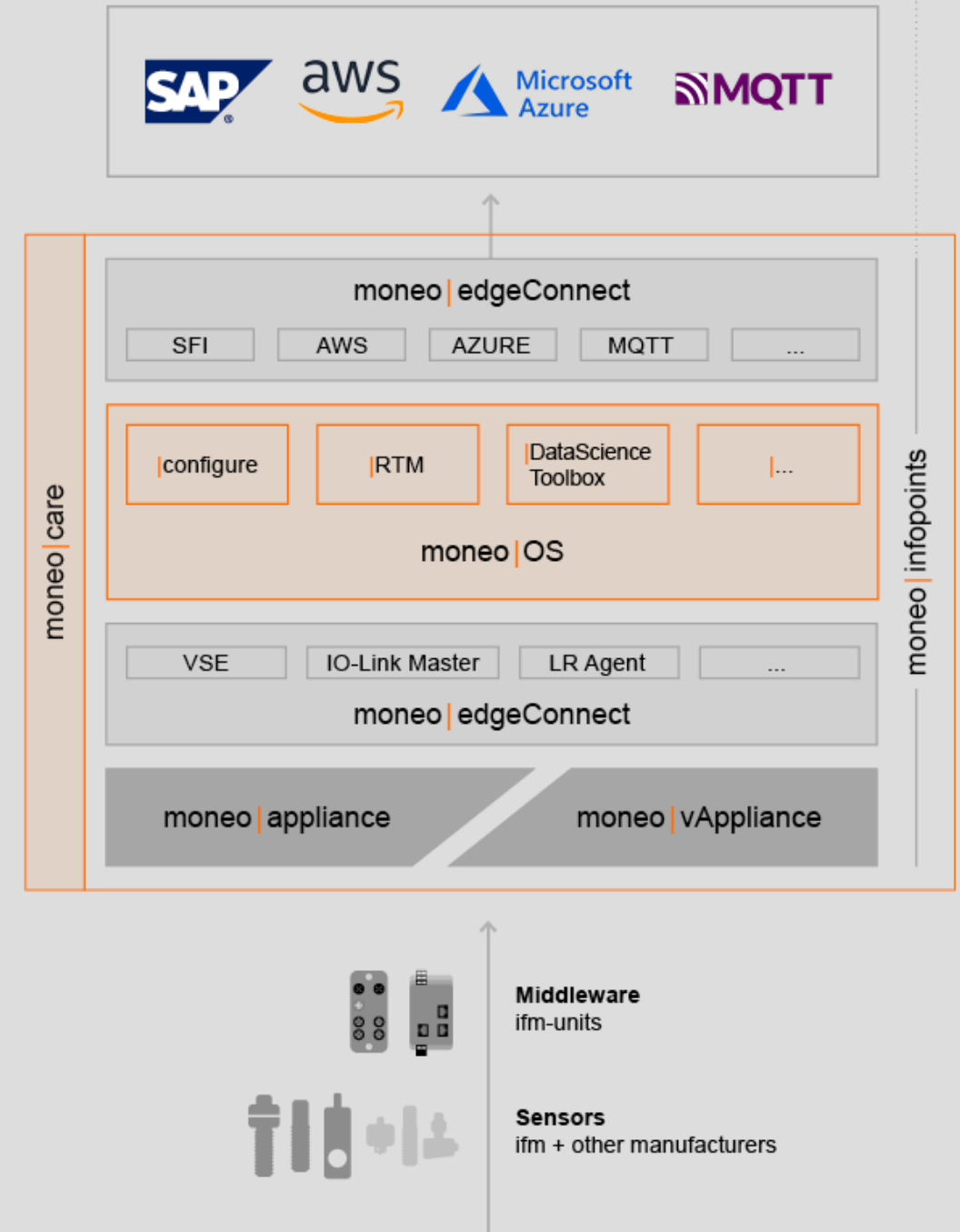


Artificial intelligence

# moneo | DataScienceToolbox

## The intelligent toolbox

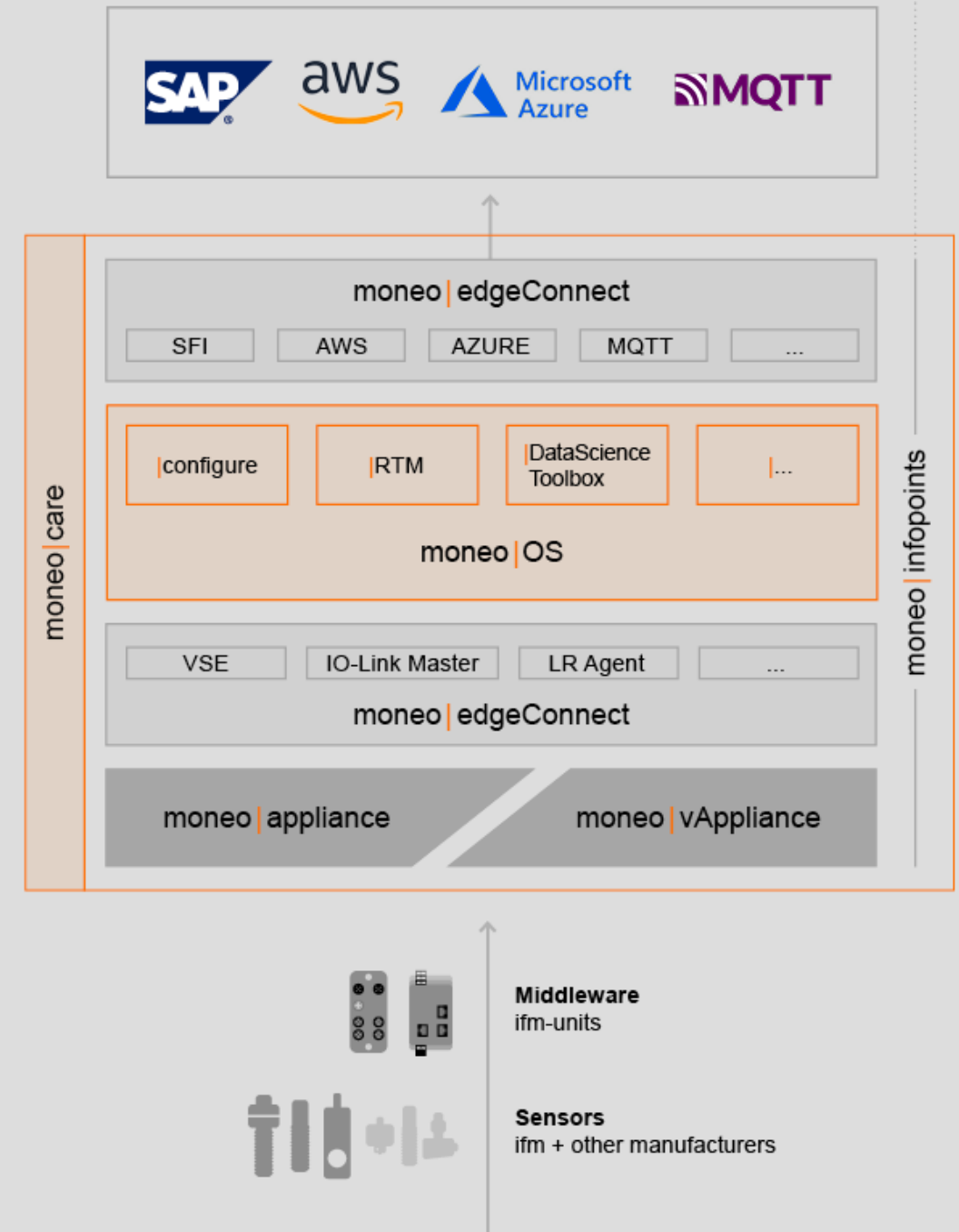
- detects deviations from the target condition already at an early stage
- reduces the response time thanks to timely warnings and alarms



Artificial intelligence

# moneo | DataScienceToolbox

Generating added value from the digital traces of industrial processes through intelligent monitoring of manufacturing processes.



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The KI software

# moneo|SmartLimitWatcher

Generates **dynamic thresholds** based on the status of the process being monitored and **provides alarms and warnings** as soon as the status of the **monitored variables** changes. Besides, **significant variables** of the monitored system are shown.



The KI software

# moneo|PatternMonitor

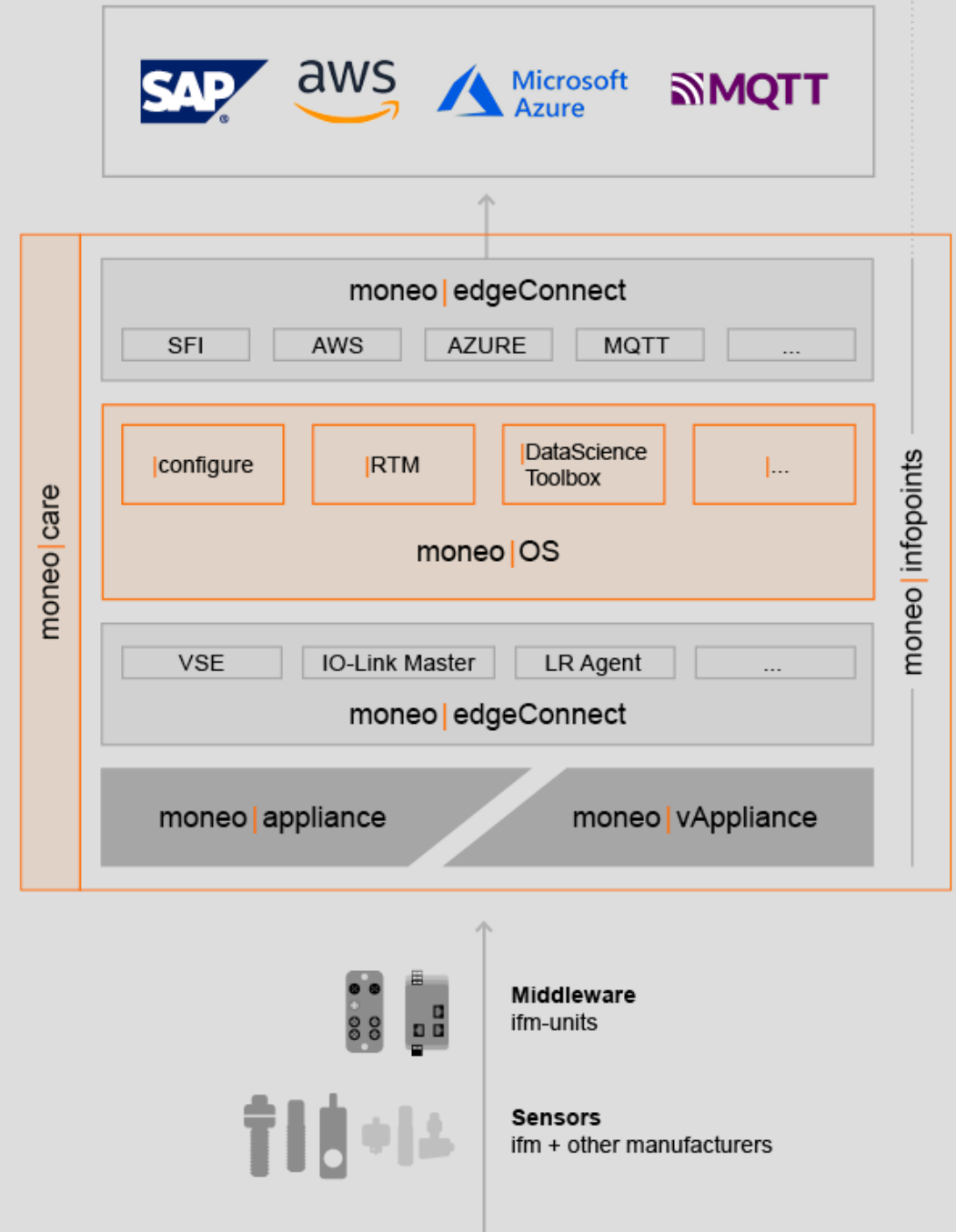
Identifies **structural changes** in a critical variable and, depending on the configuration, **detects trends**, changes in **volatility** and **level changes**. **Alarms** are generated so that appropriate **measures** can be taken **at an early stage**.



SAP integration

# SFI | Shop Floor Integration

The link between **production** and **management**.

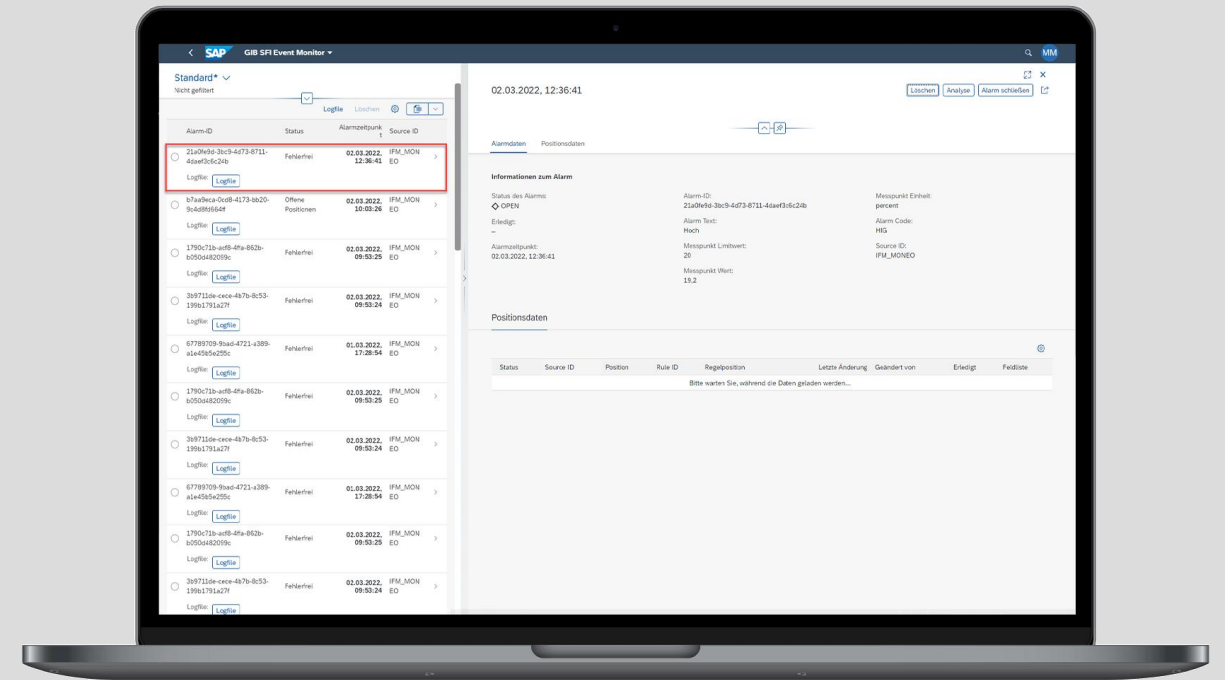


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SAP integration

# SFI | Shop Floor Integration

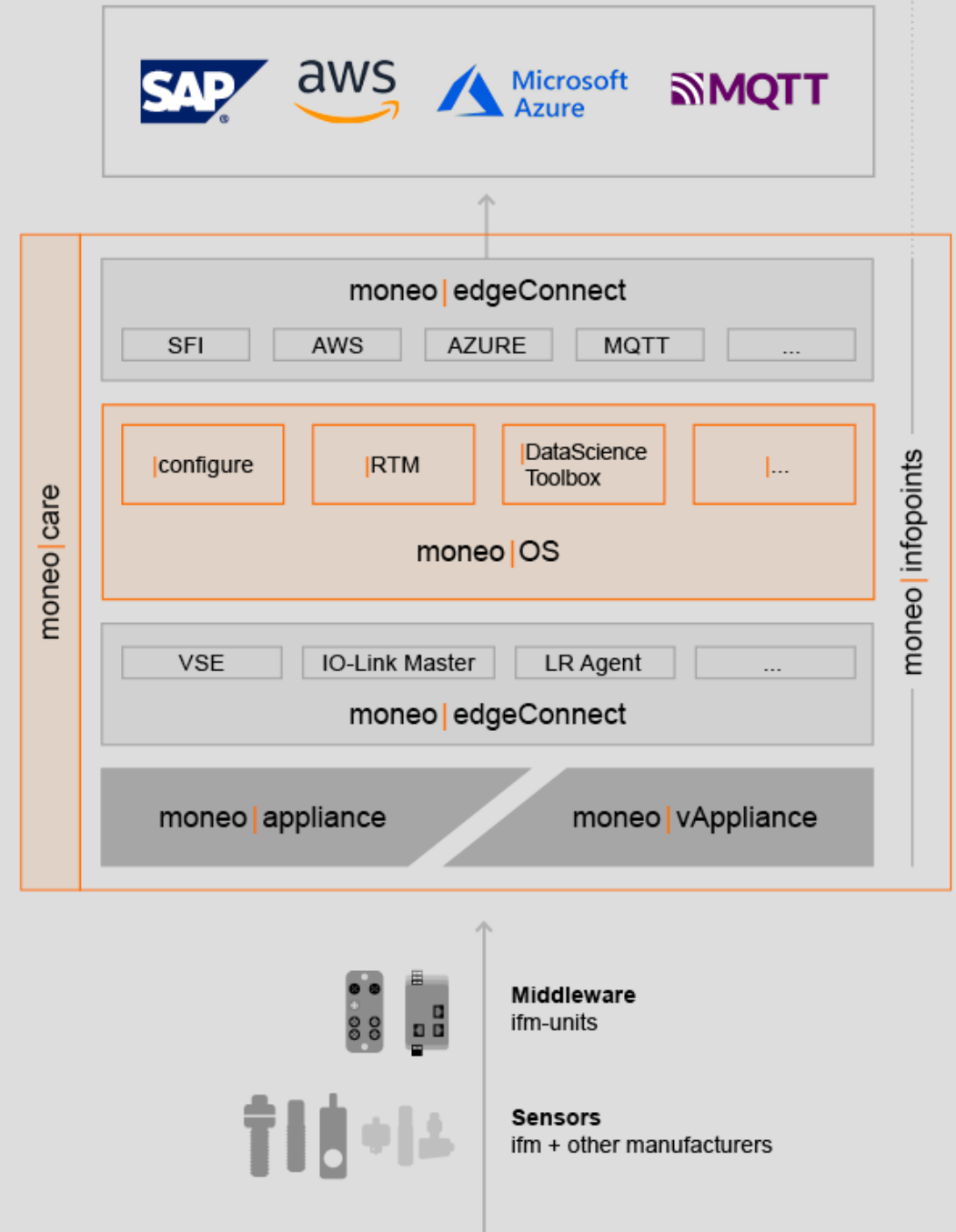
Consistent data processing from the sensor to the ERP system in order to optimise the efficiency and throughput of production systems.



The parameter setting software

# moneo|configure

The app for parameter setting  
and management of **IO-Link** devices.

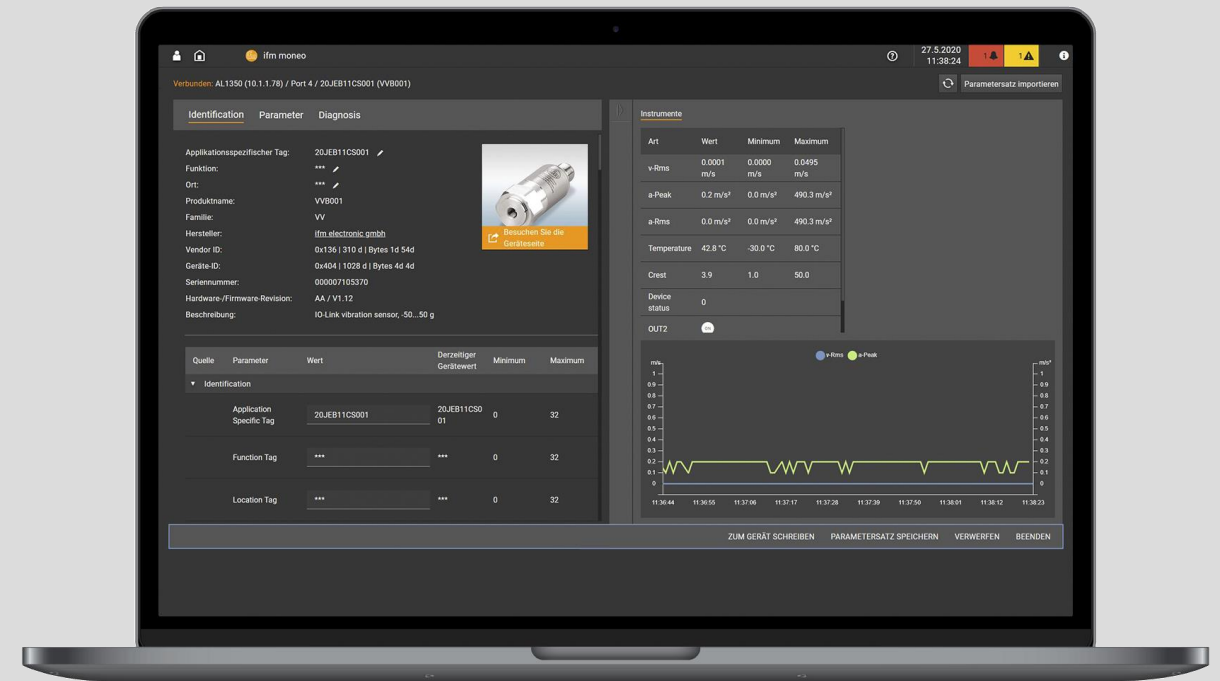




# The parameter setting software

## moneo|configure

- For all IO-Link devices and IO-Link masters
- Integrated, manufacturer-independent **IODD management** for time-saving sensor parameter setting.
- Cockpit for parallel display of parameters and process values.



Add-on for parameter setting

# moneo|configure PLC Tools

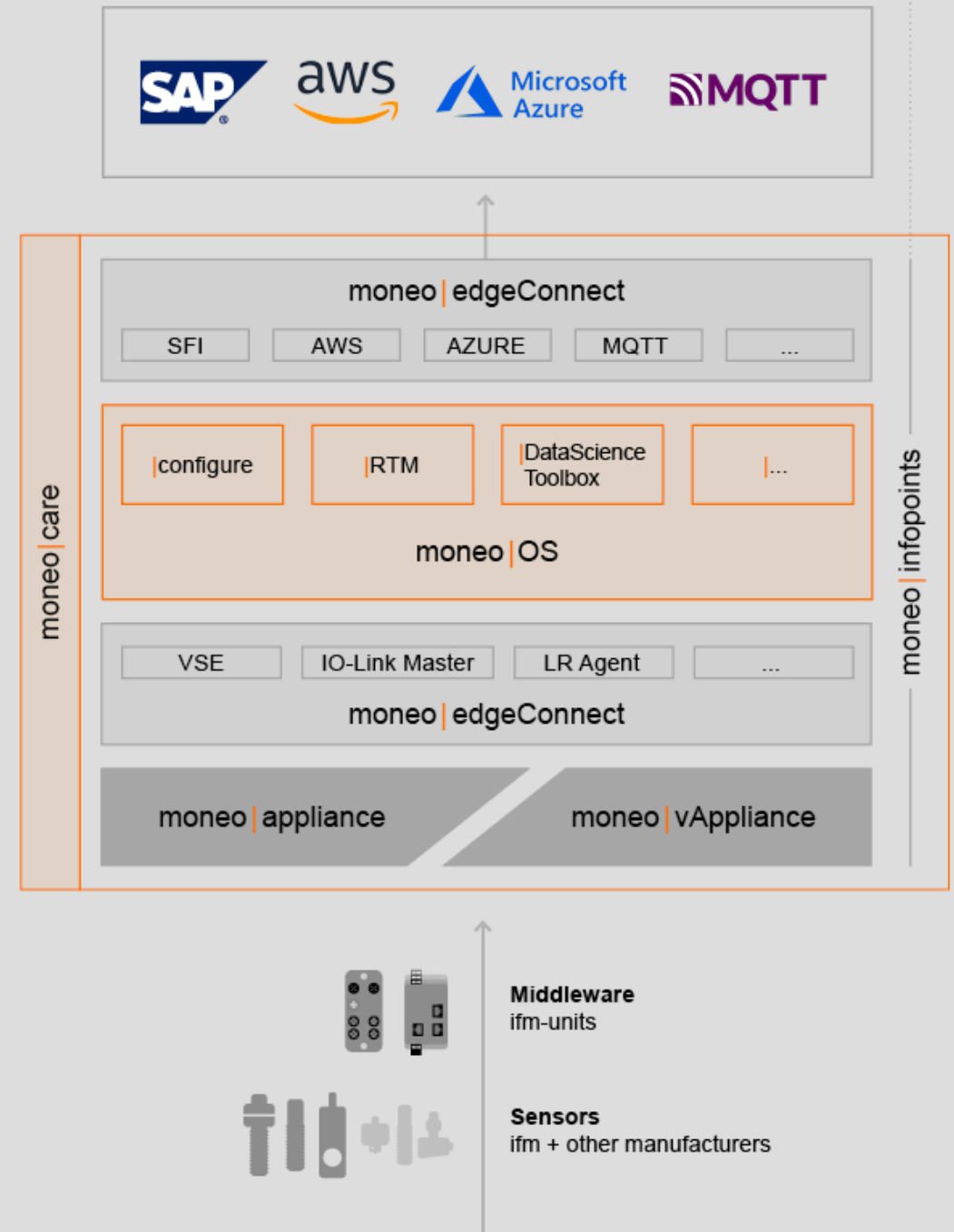
## Easy parameter setting of PLCs using GSDML files.

- Incorporate required IO-Link device parameters of any manufacturer in the GSDML files Create and duplicate data sets in next to no time
- Benefit from easy adaptation to different devices and applications
- Display all previous and current GSDML integrations in the history log
- Use PLC Tools efficiently thanks to seamless integration in moneo|configure (SA)

The primary function of PLC Tools is GSDML parameter setting.  
The functional scope of this licence will be continuously expanded



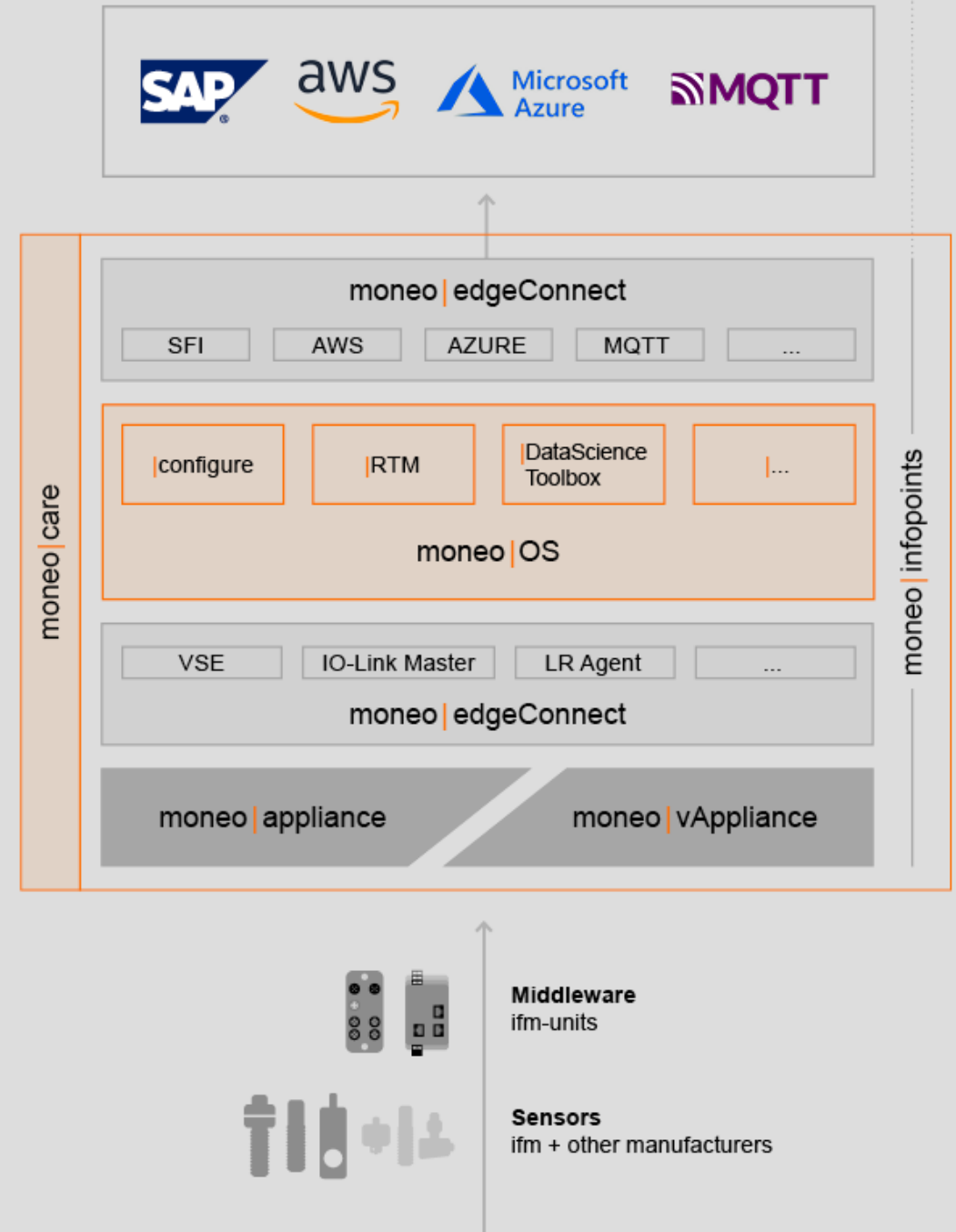
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The hardware

# moneo|appliance

Ideal hardware with pre-installed moneo software.



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The hardware

# moneo|appliance

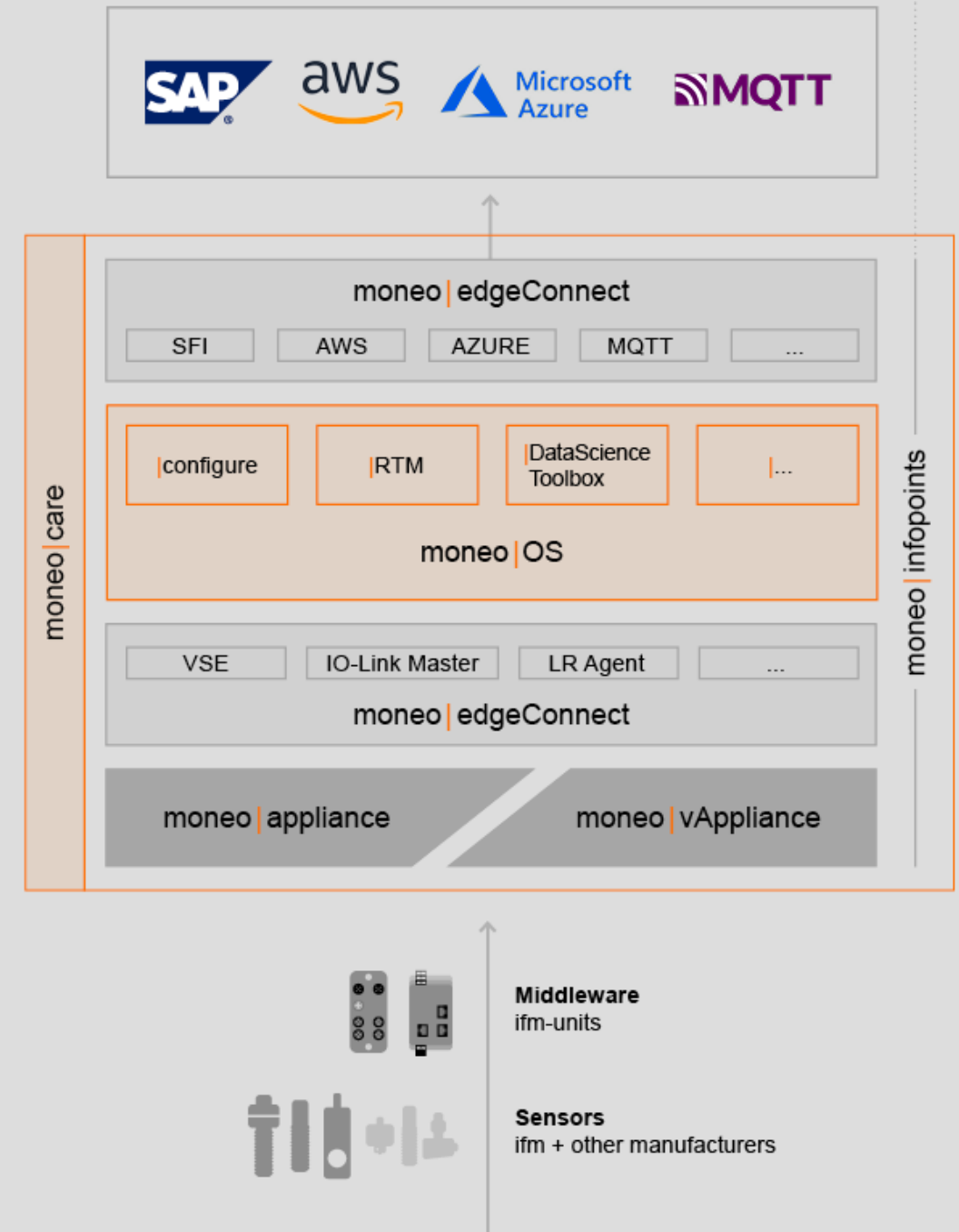
- In line with the concept of “ready to use”:
- Set-up and operation is also possible without IT expertise
- Can be easily implemented in existing infrastructures and in the production network
- Node for **data collection and processing**
- **Continuous system maintenance** thanks to integrated data backup, updates, support and logging
- **Integrated IT security functions**



The virtual machine

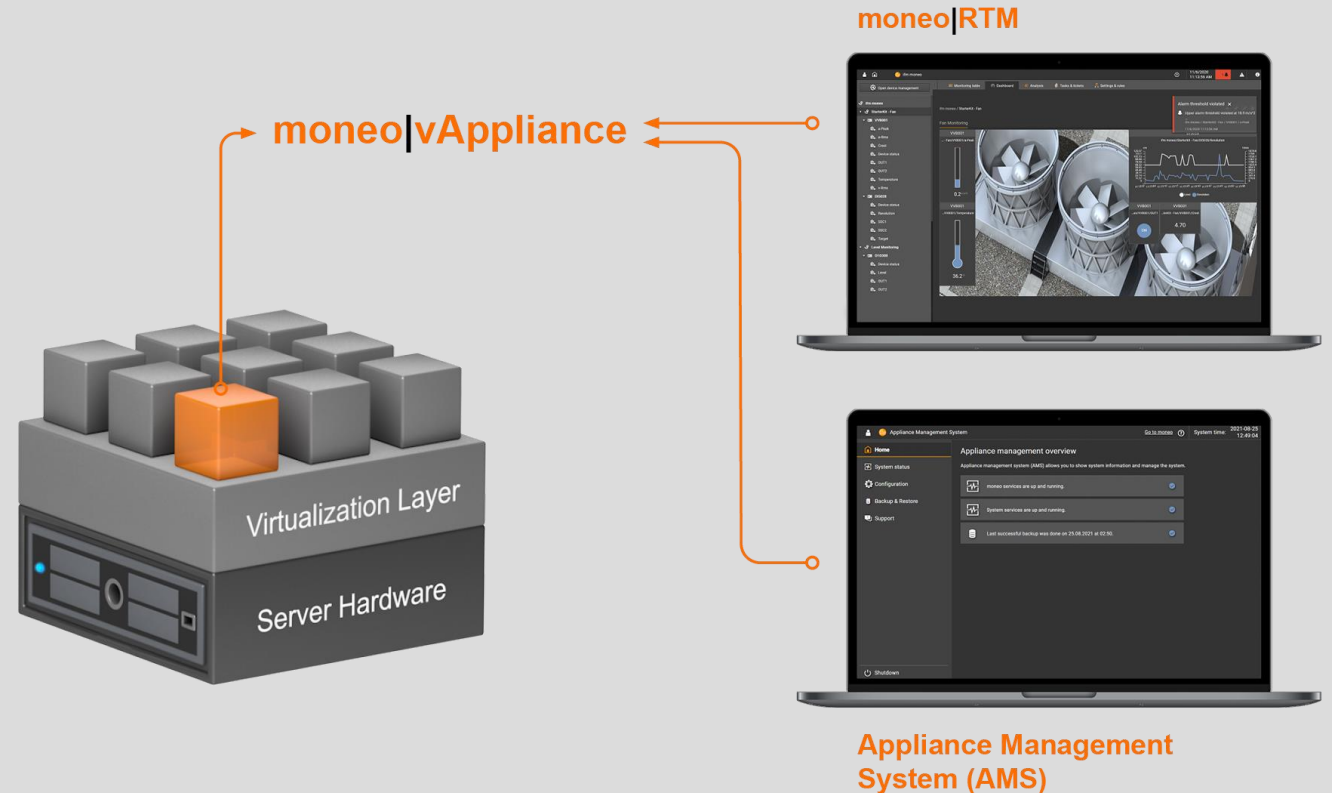
# moneo|vAppliance

Optimal operation of the pre-installed  
moneo software in virtual environments.



# The virtual machine moneo|vAppliance

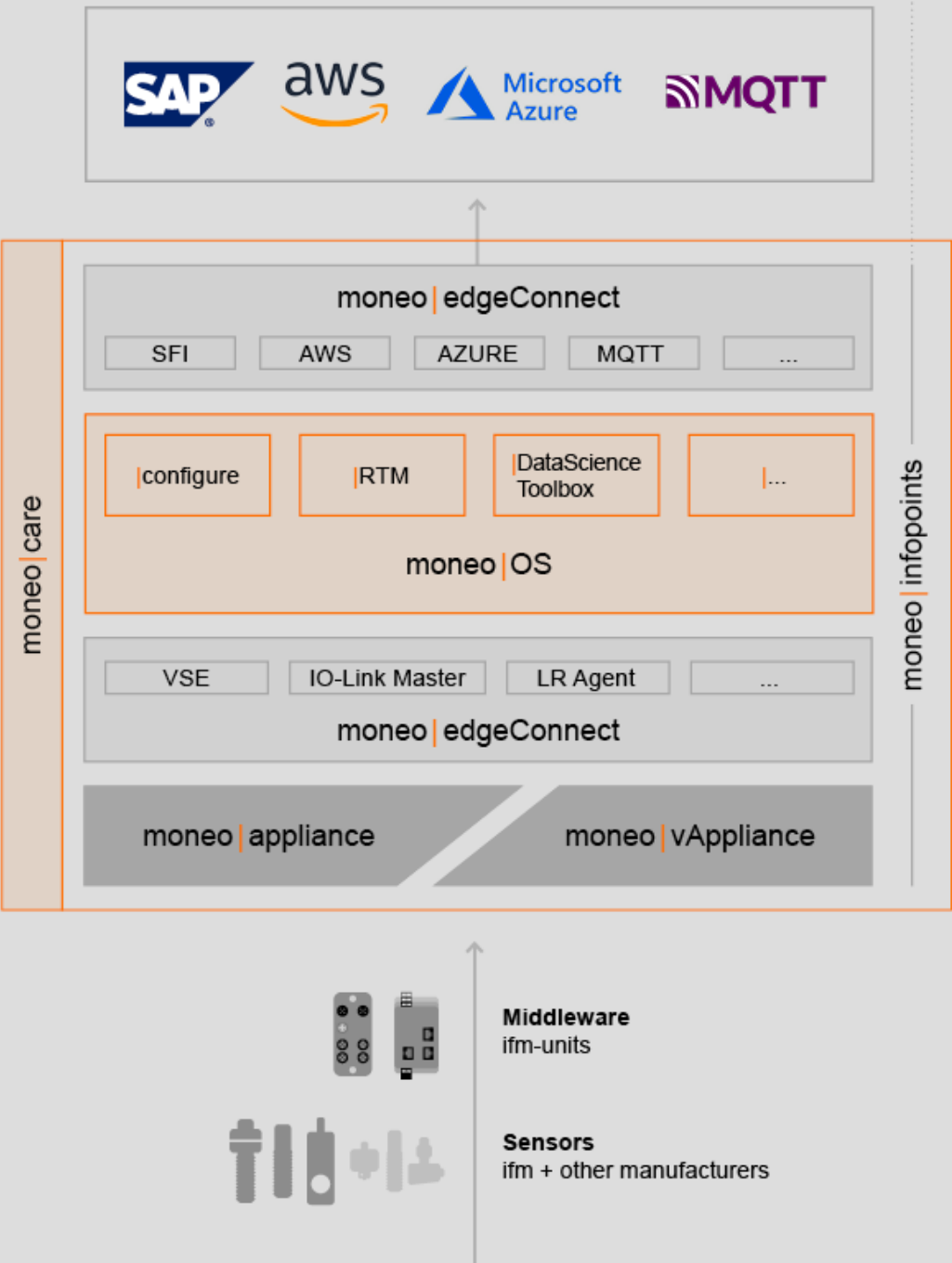
- **Fast set-up** in existing virtualisation infrastructures
- User-friendly initial configuration via the Appliance Management System
- **Continuous system maintenance** thanks to integrated data backup, updates, support and logging
- Both the existing hardware and high availability solutions of the customer can be used
- **Integrated IT security functions**



Software maintenance and support contract

moneo|care

All-round carefree package to provide service for moneo.

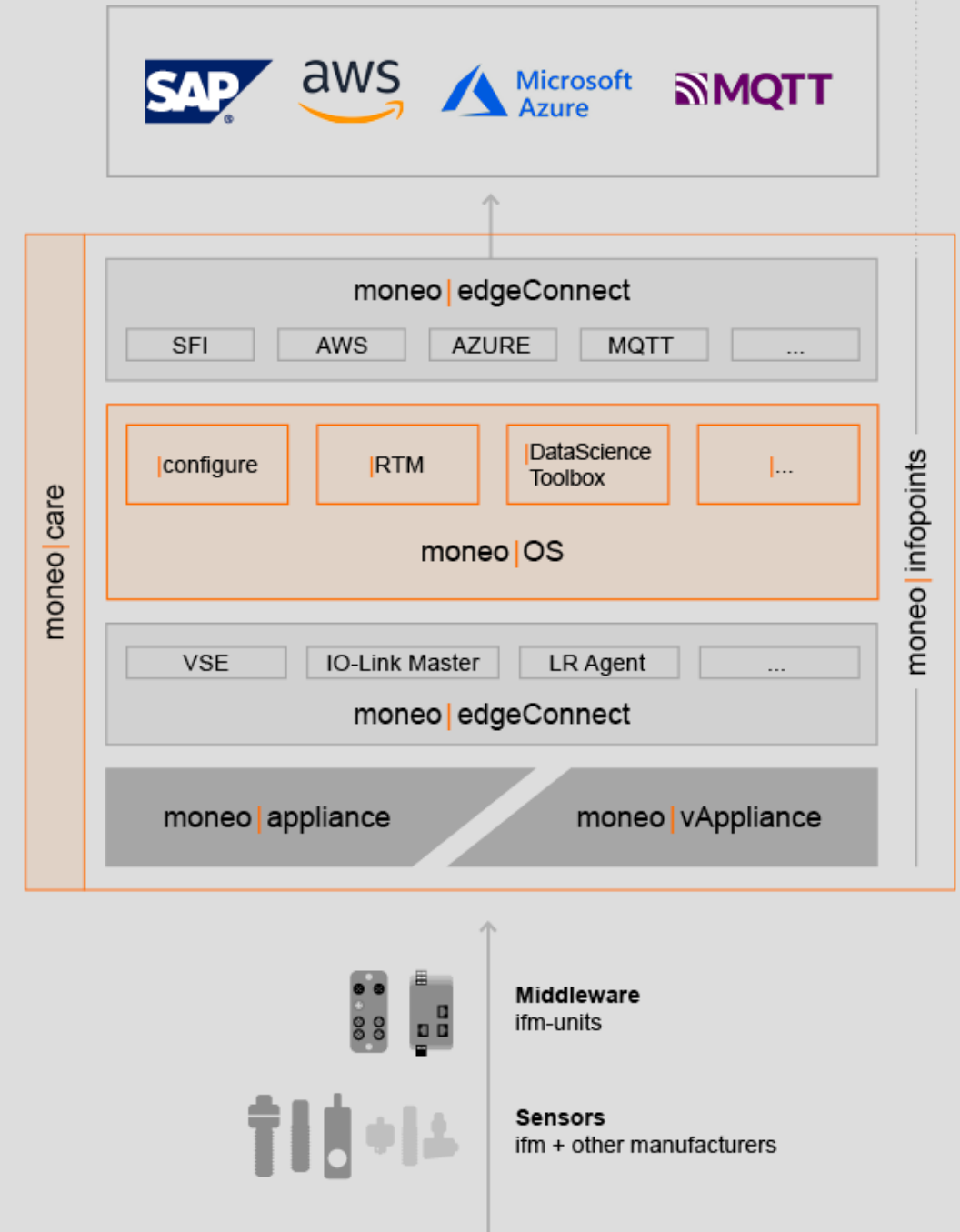


Software maintenance and support contract

# moneo|care

moneo|care includes all service and support activities for keeping the IIoT solution up to date, stable and secure.

- **Regular updates** of licensed modules
- **Upgrades** to the latest software version
- **Functional extensions** and **security patches** for licensed modules
- **Worldwide technical support** with guaranteed response times at no additional cost



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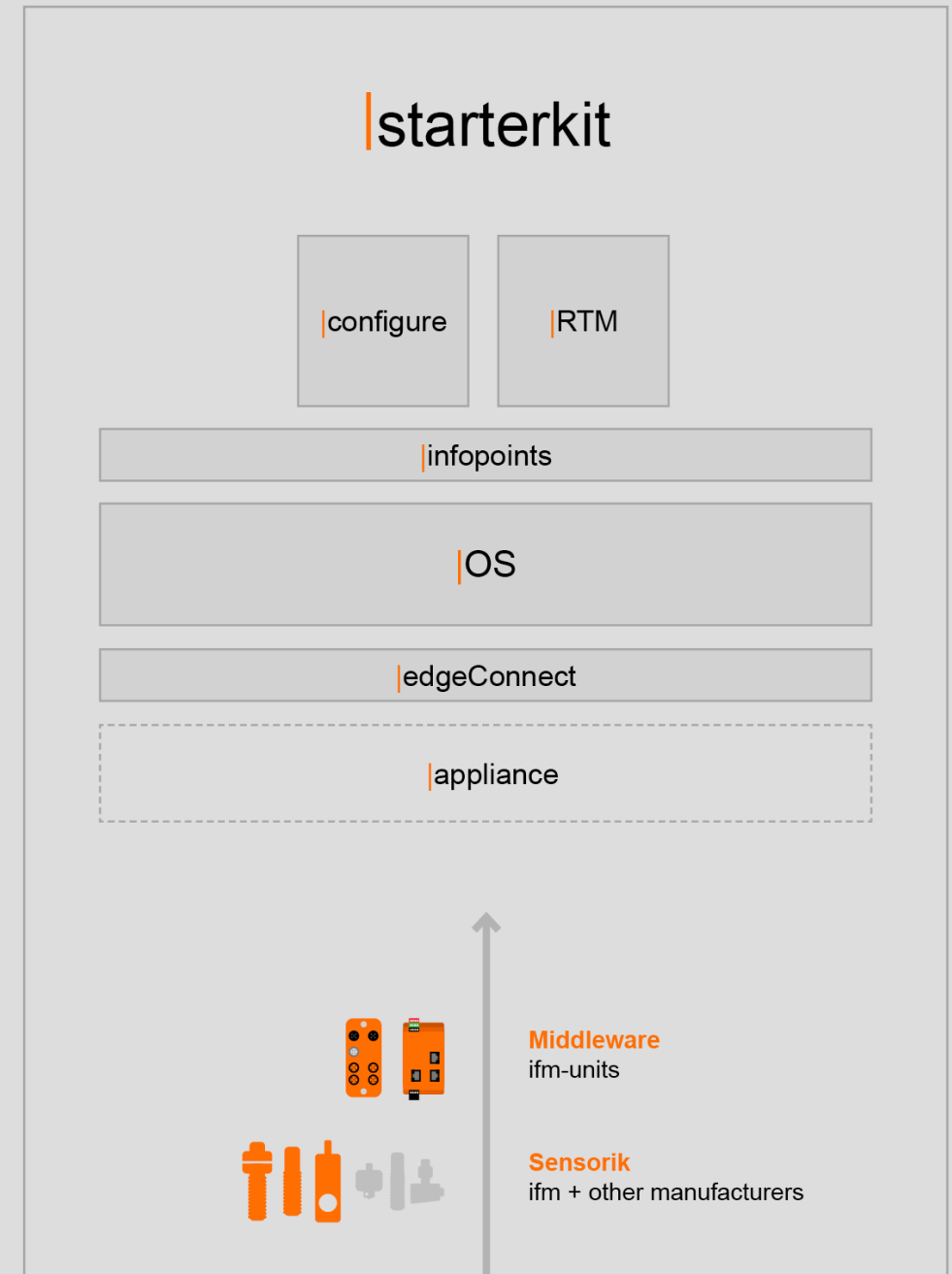


# Testing and starting moneo|starterkit

Complete package for  
condition monitoring of motors.



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# Testing and starting moneo|starterkit

Coordinated hardware and software  
for monitoring and **predictive planning**  
of maintenance requirements.



Give it a try instead of doing a blind bargain

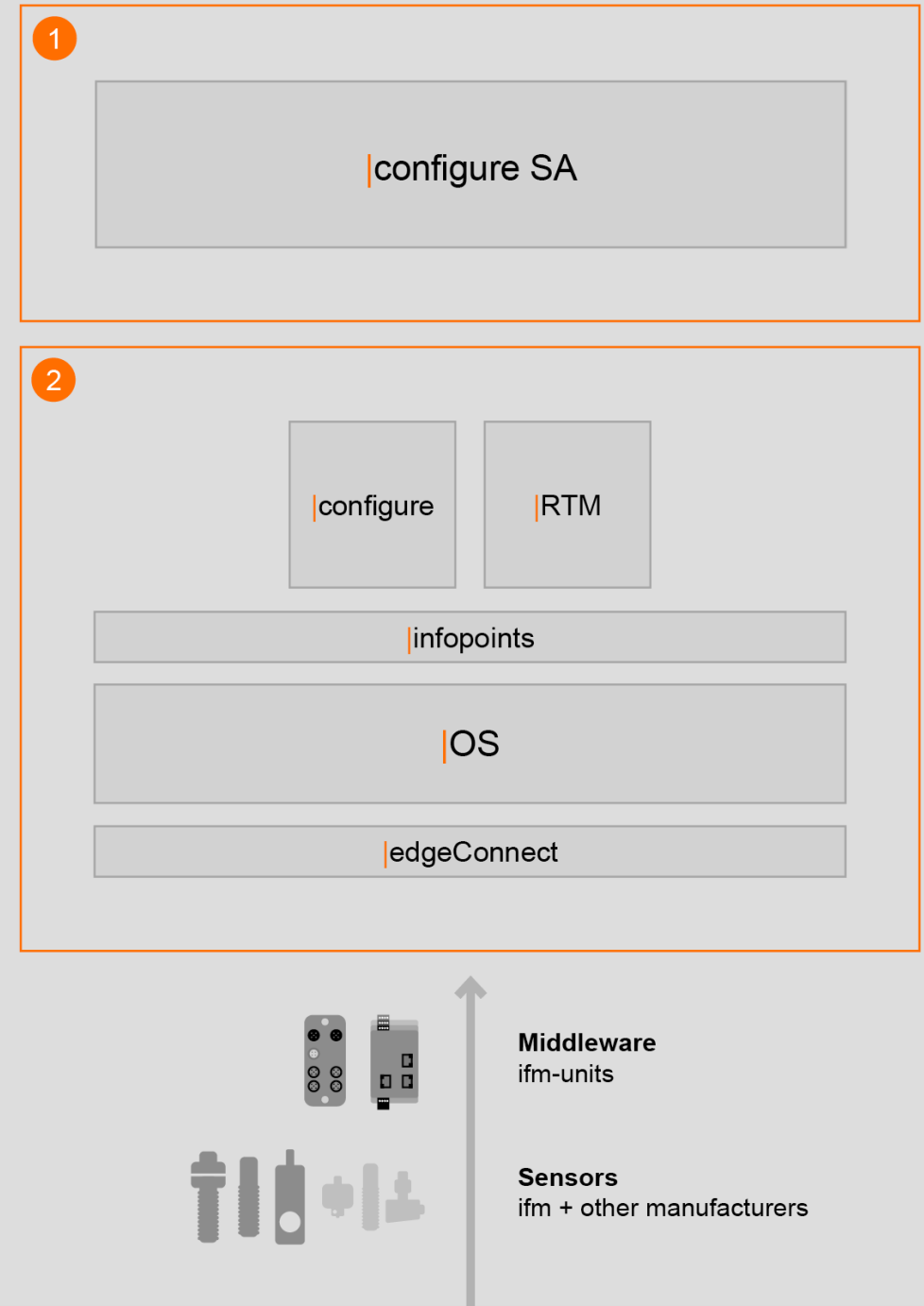
# moneo|Test version

Two **free** test versions with **full functionality** for reliable decisions when buying software. **Validity 30 days.**

1. Setting the parameters of devices used in production plants – **moneo|configure SA (Stand alone)** test licence
2. Dashboards, data analyses, automatic alarms in case of exceeded thresholds and parameter setting of devices – **Condition Monitoring** test licence



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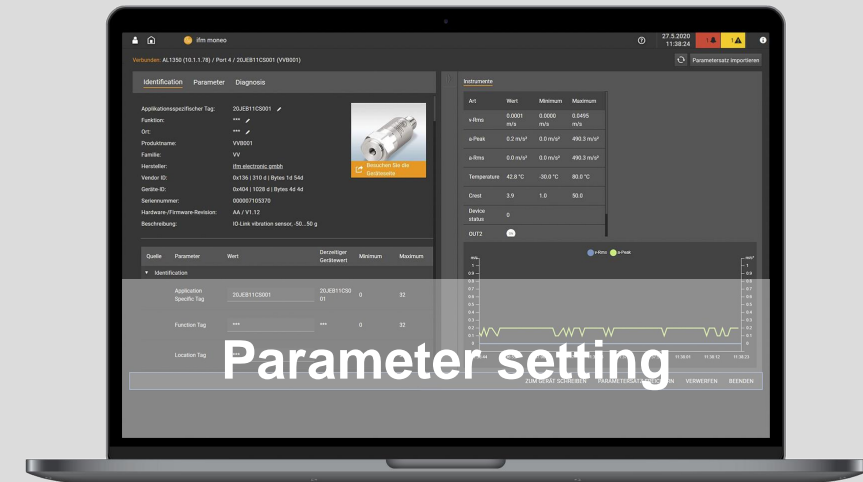


Give it a try instead of doing a blind bargain

# moneo|Test version

## Digitalisation at the push of a button

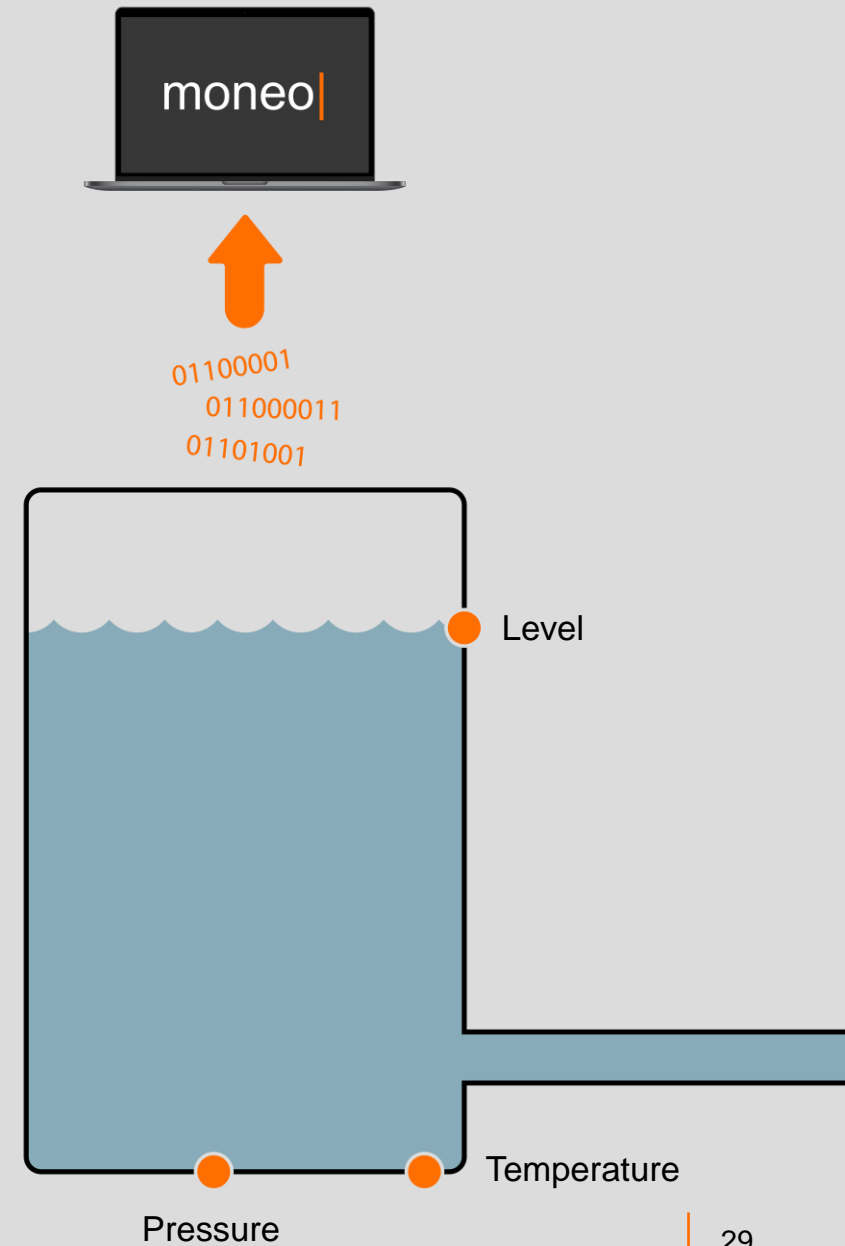
- Full range of functions for 30 days, guaranteeing a quick start
- After 30 days, opt for the full version or let the trial version expire
- With the full version, all settings and collected data remain available



Use case

# Level monitoring

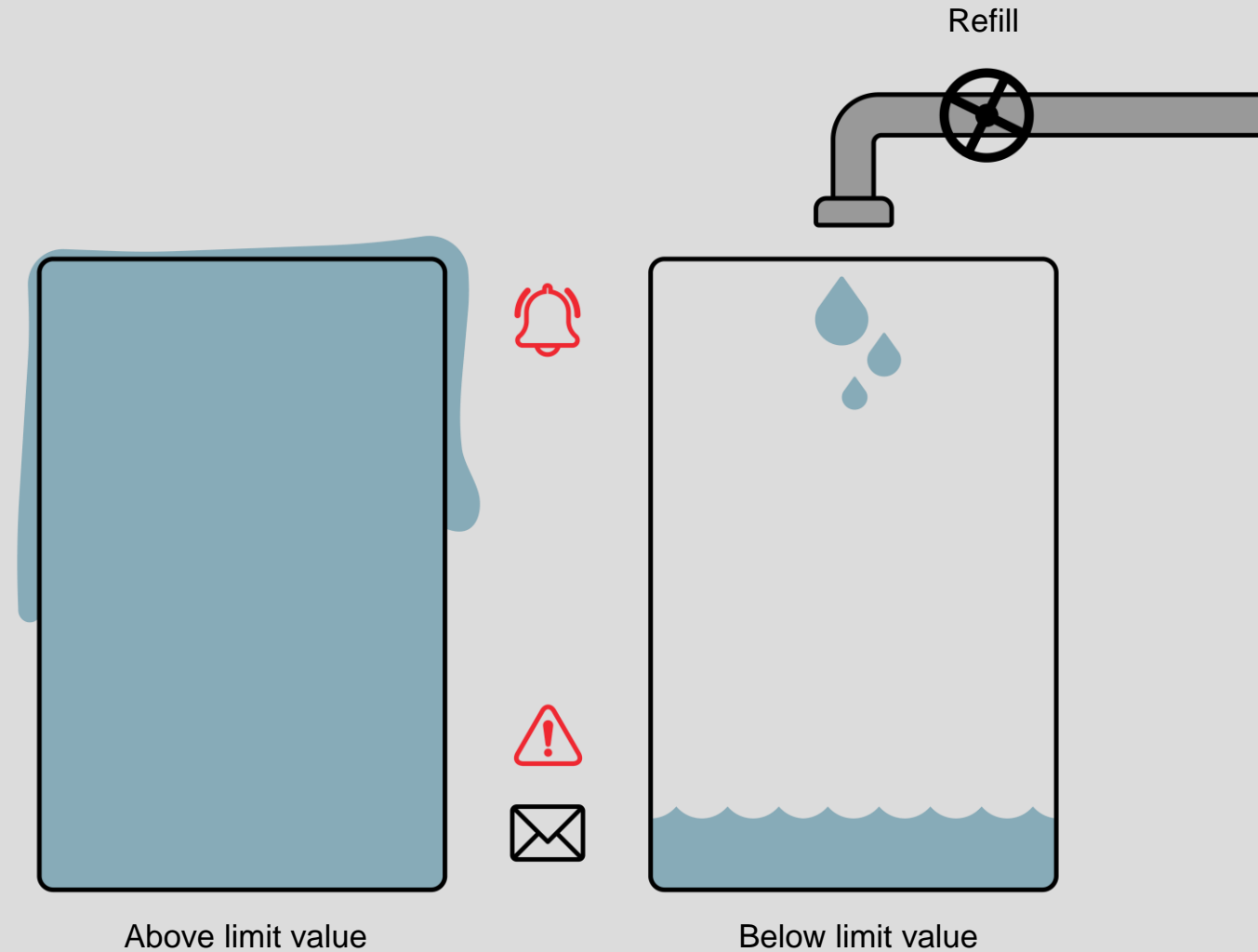
Sensor data becomes  
process-relevant information.



Use case

# Level monitoring

- Fast reaction to changing process parameters through integrated **alarm management**
- Refill of process media according to requirements thanks to targeted **analysis of history data**



Use case

# Level monitoring

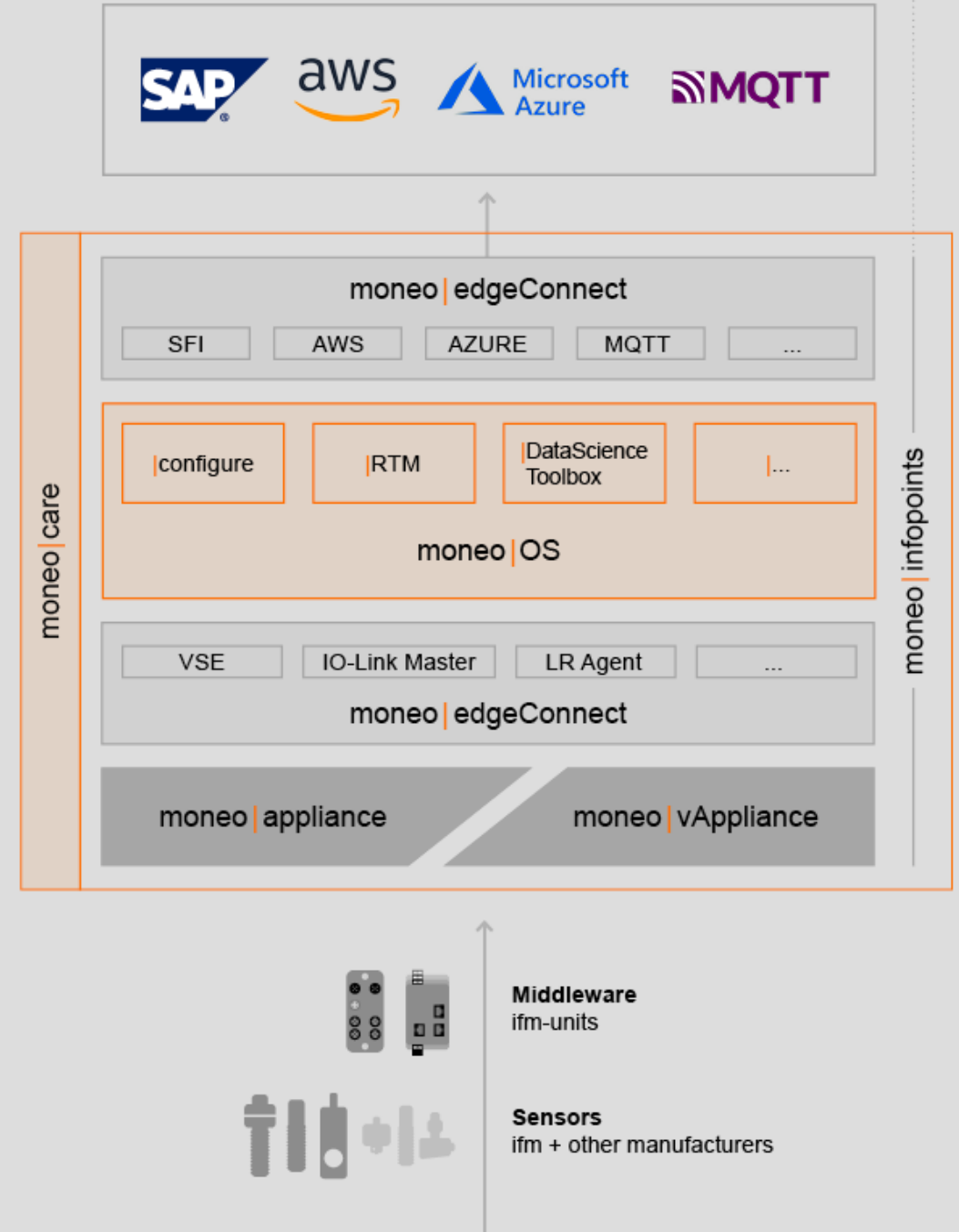
- Analysis and **visualisation** of levels
- **Identification** of limit values that are exceeded or not reached



A modular system

# moneo|evolution

Continuous **development**,  
updates and system extensions.



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Are you ready for  
industrial evolution?

Yes, you are.

With moneo.

