

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**.



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.



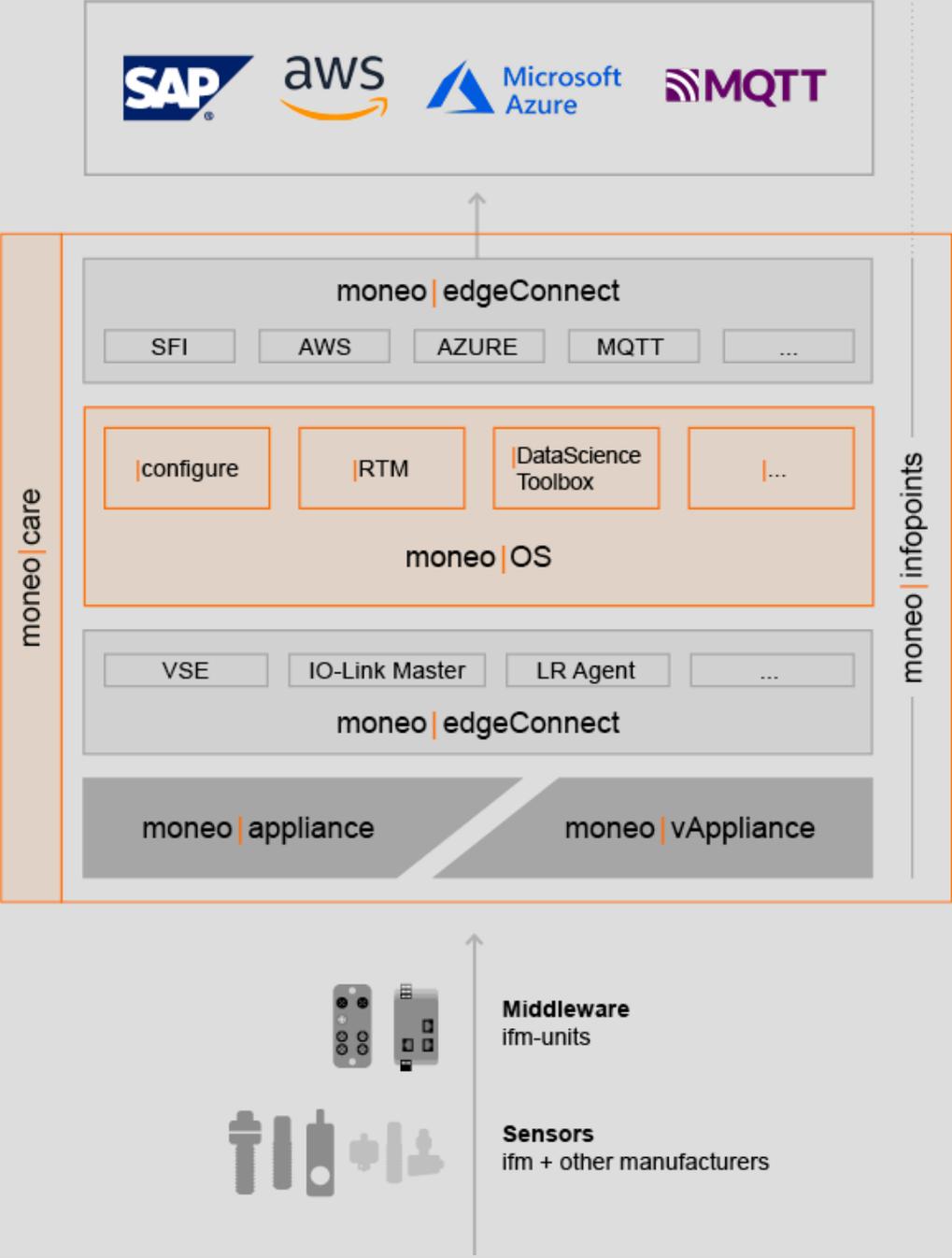
Independent of the plant size

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.

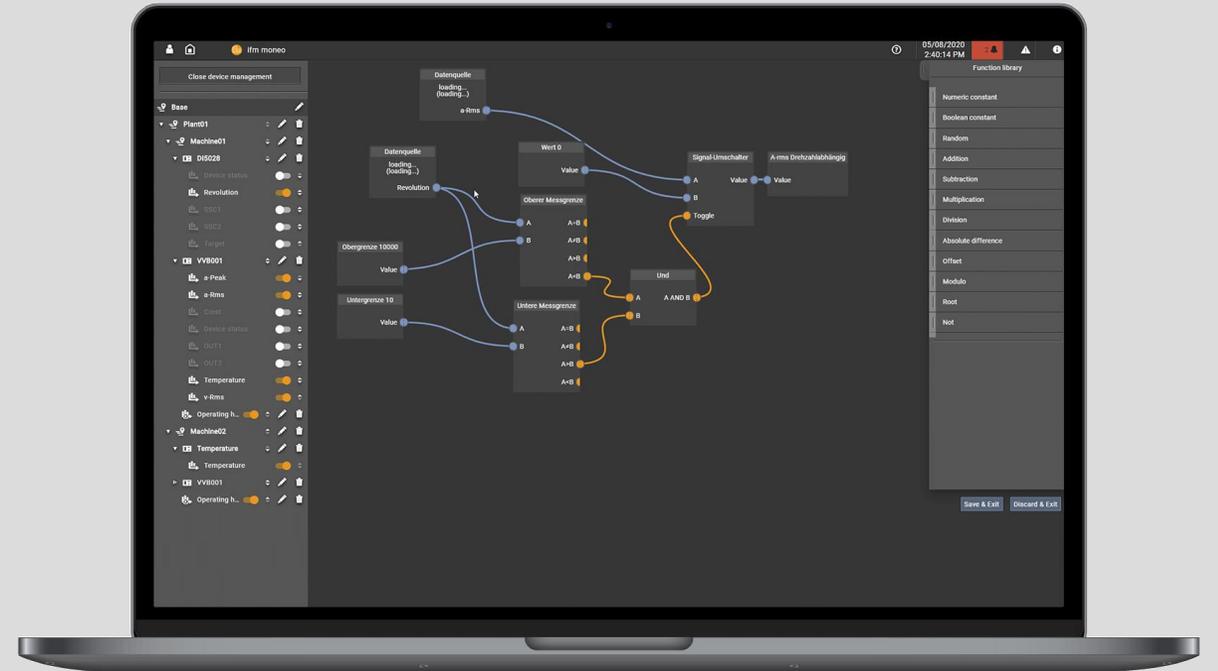


The IIoT platform

moneo|OS

Intelligent device integration enables a digital image of the system.

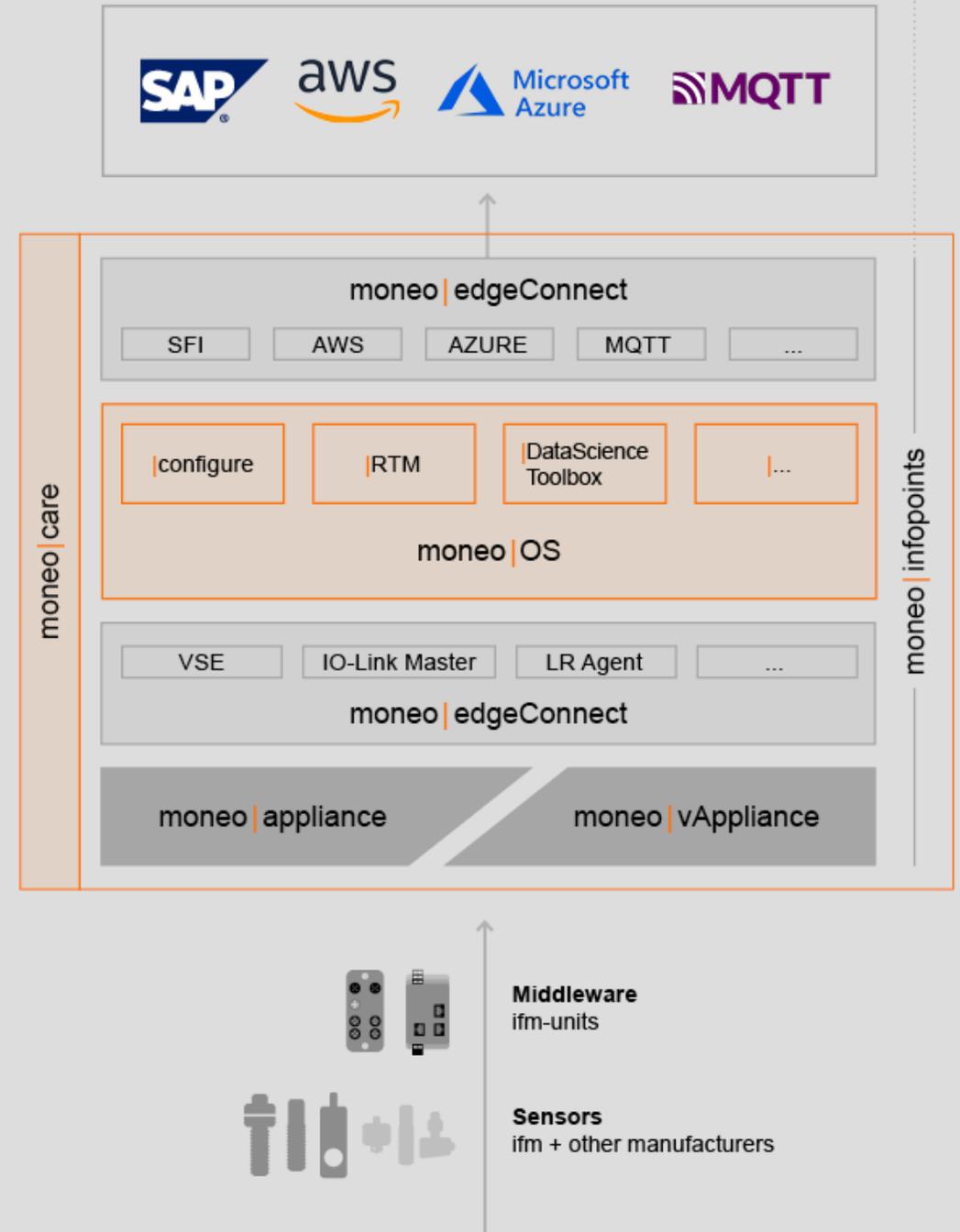
Tool for calculating data flow models and with automatic alarm function.



The data volume

moneo | infopoints

Scalable applications through licensing of data and information points.



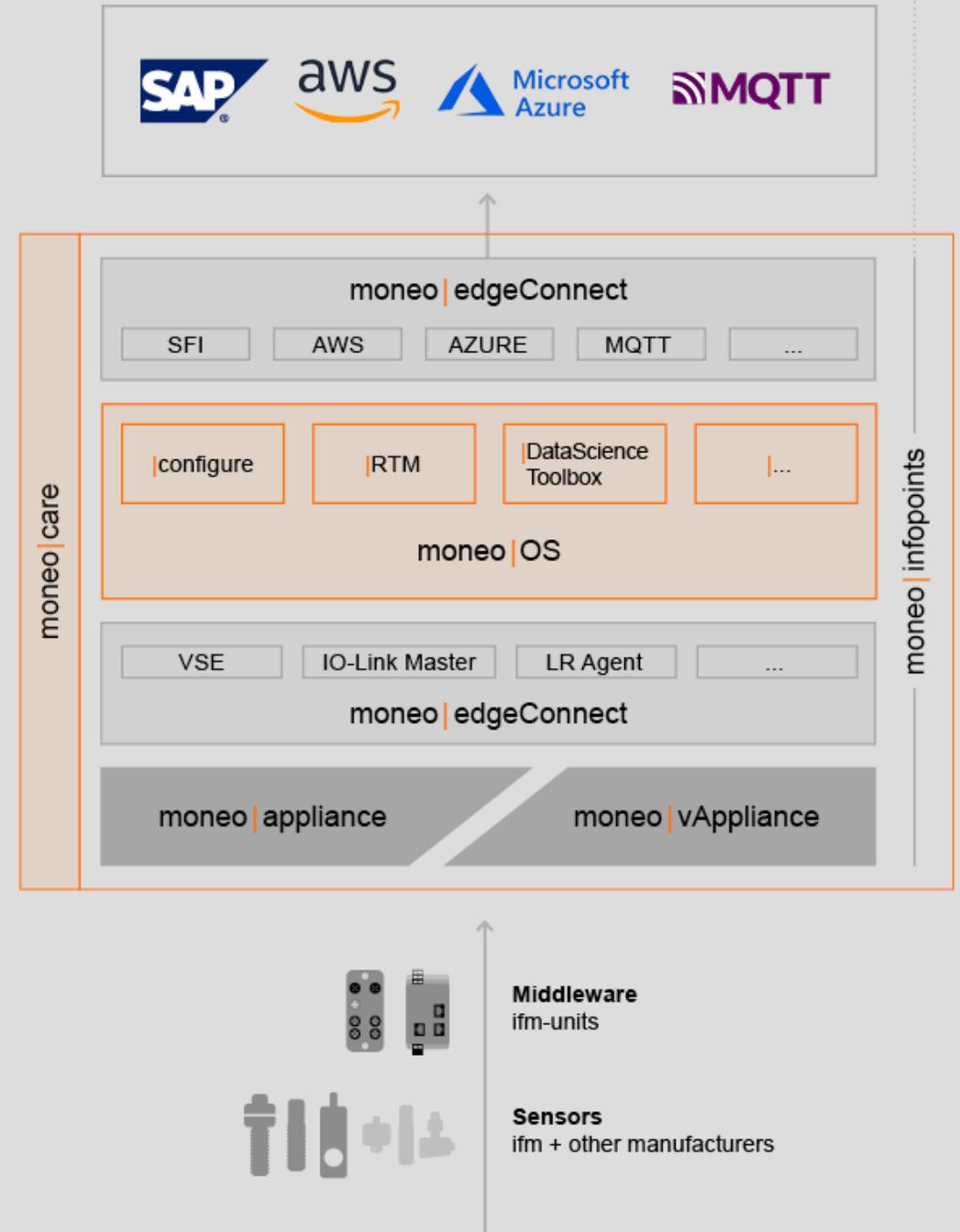
The communication interface

moneo|edgeConnect

Translates sensor data into readable information and

bridges the gap between OT and IT.

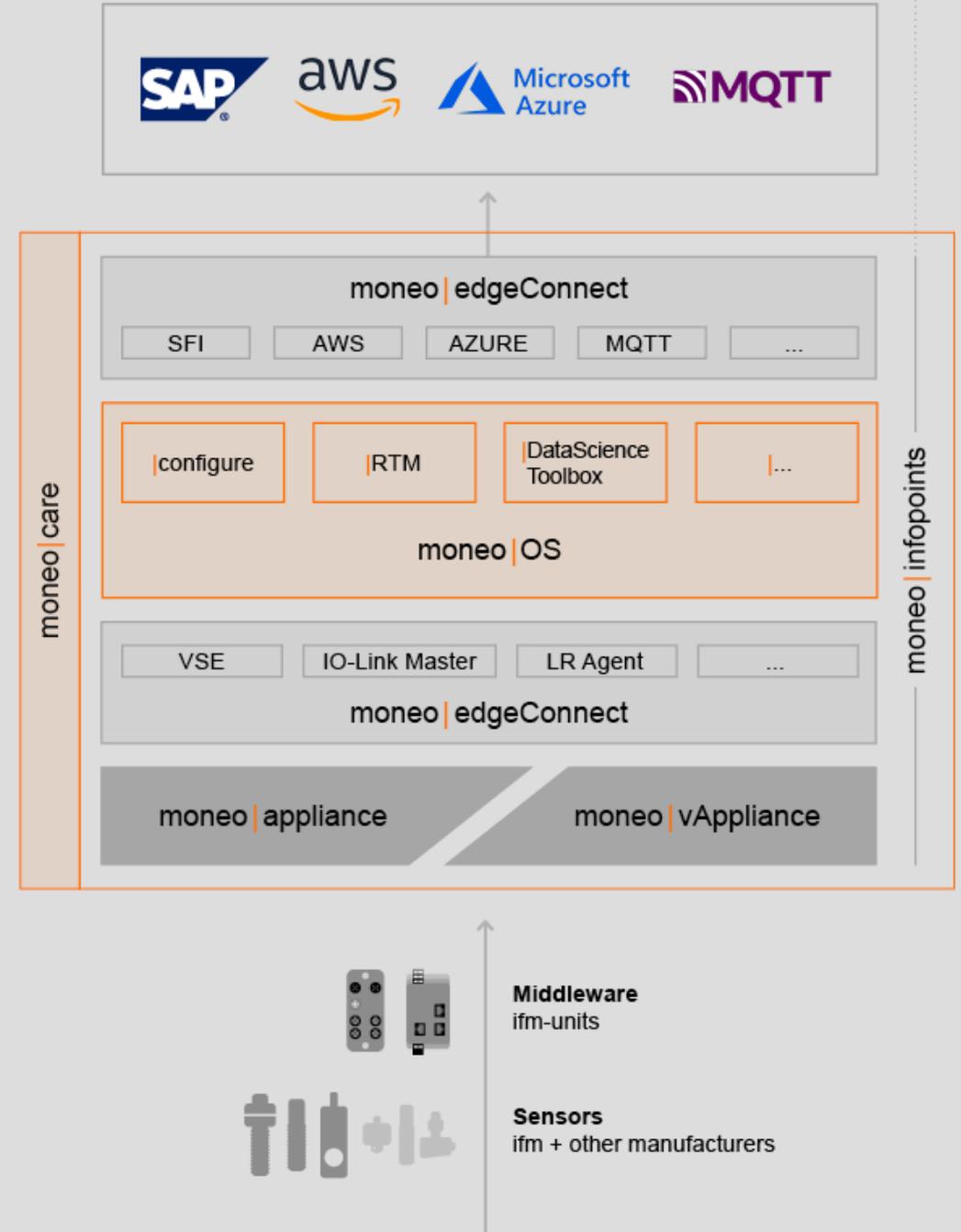
Provides process data, calculated values and, depending on the connector, tickets to external systems.



The analysis software

moneo | RTM Real Time Maintenance

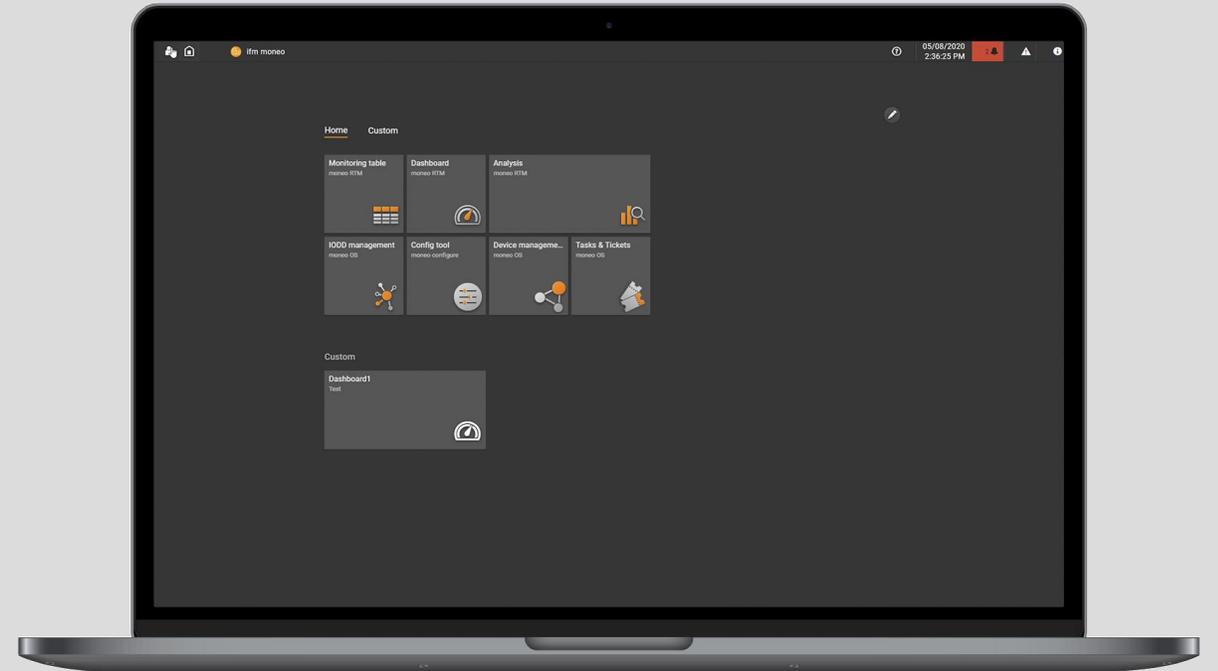
The Condition Monitoring App
for plant monitoring.



The analysis software

moneo|RTM

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

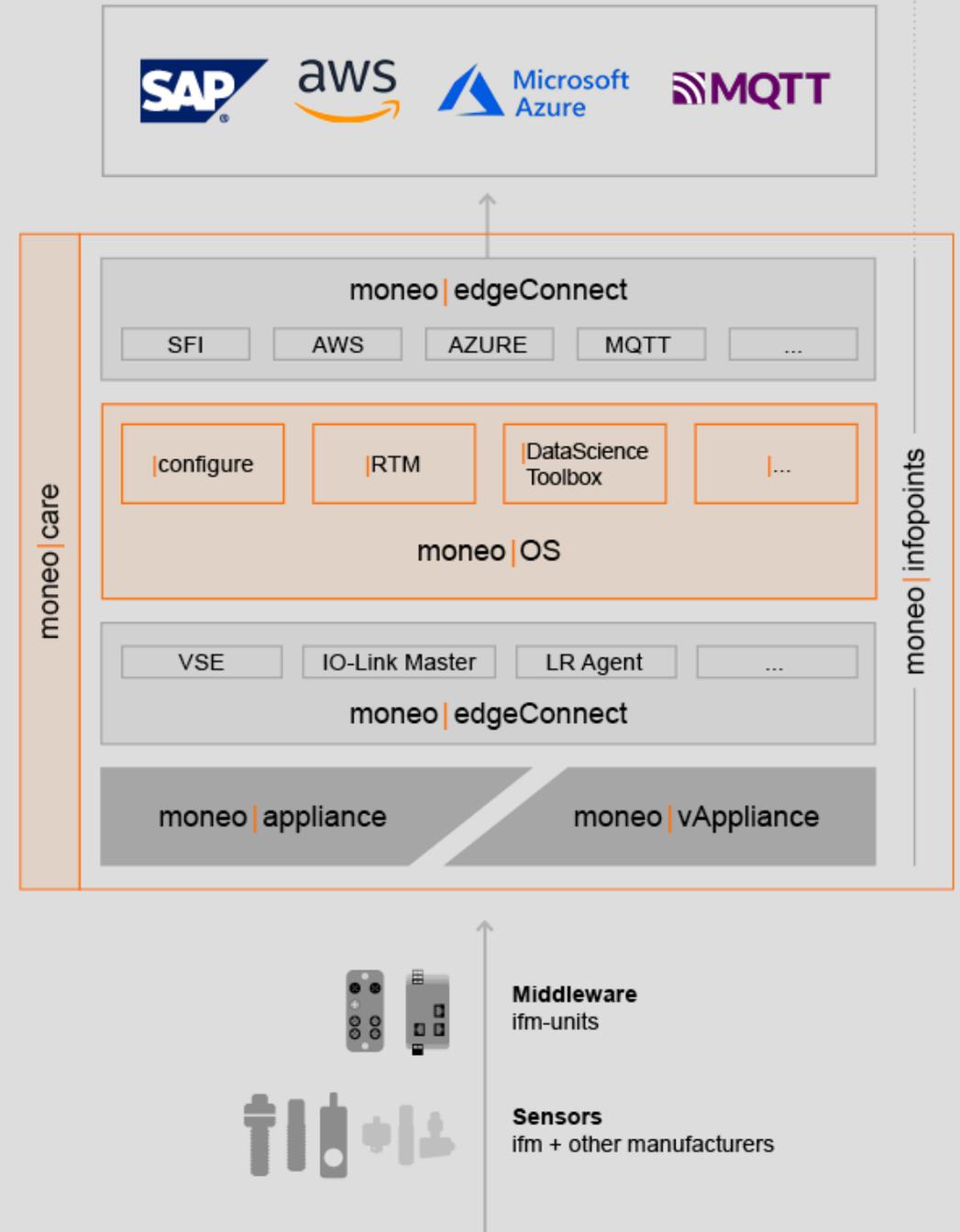


Artificial intelligence

moneo | DataScienceToolbox

The intelligent toolbox

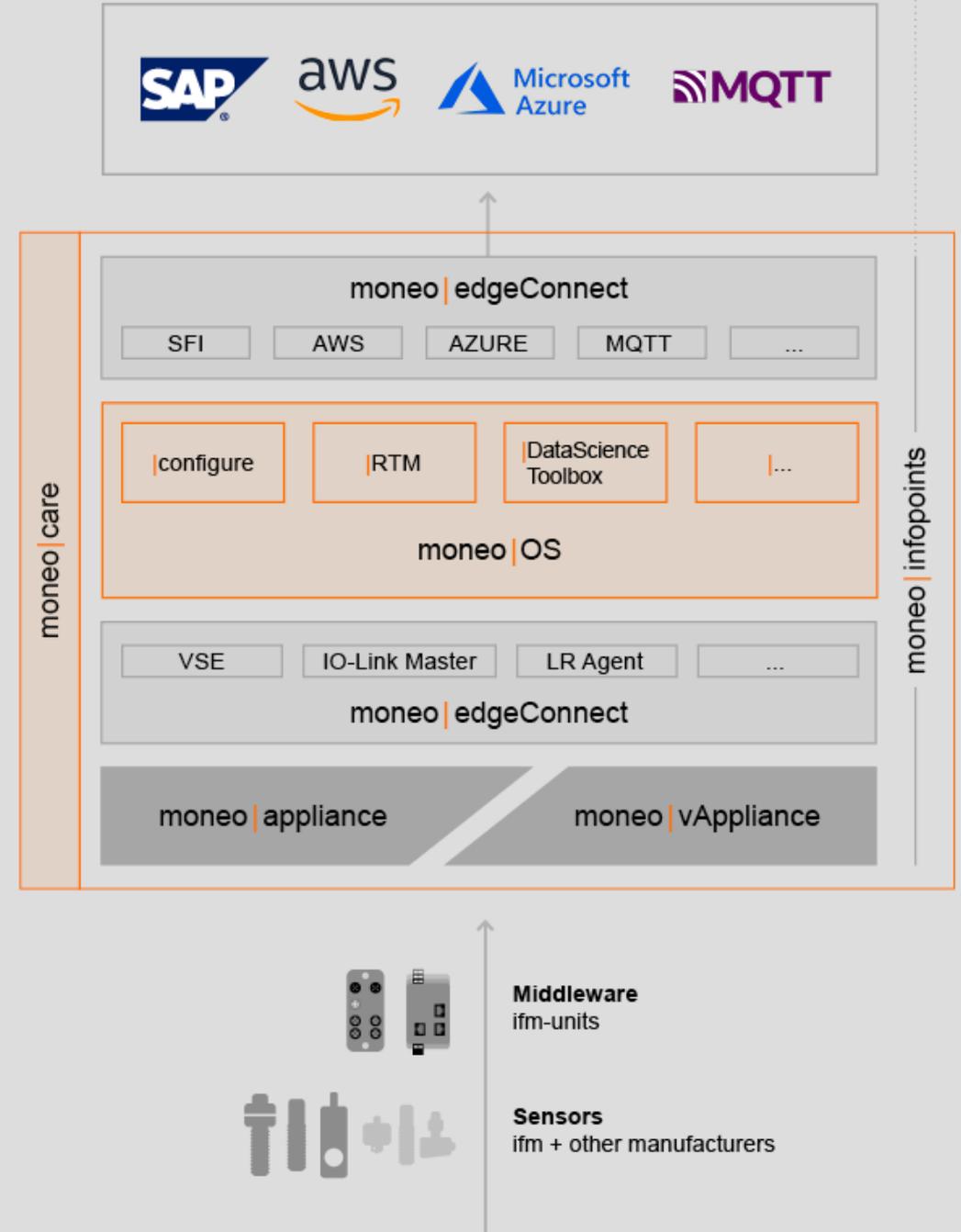
- detects deviations from the target condition already at an early stage
- reduces the response time thanks to timely warnings and alarms



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

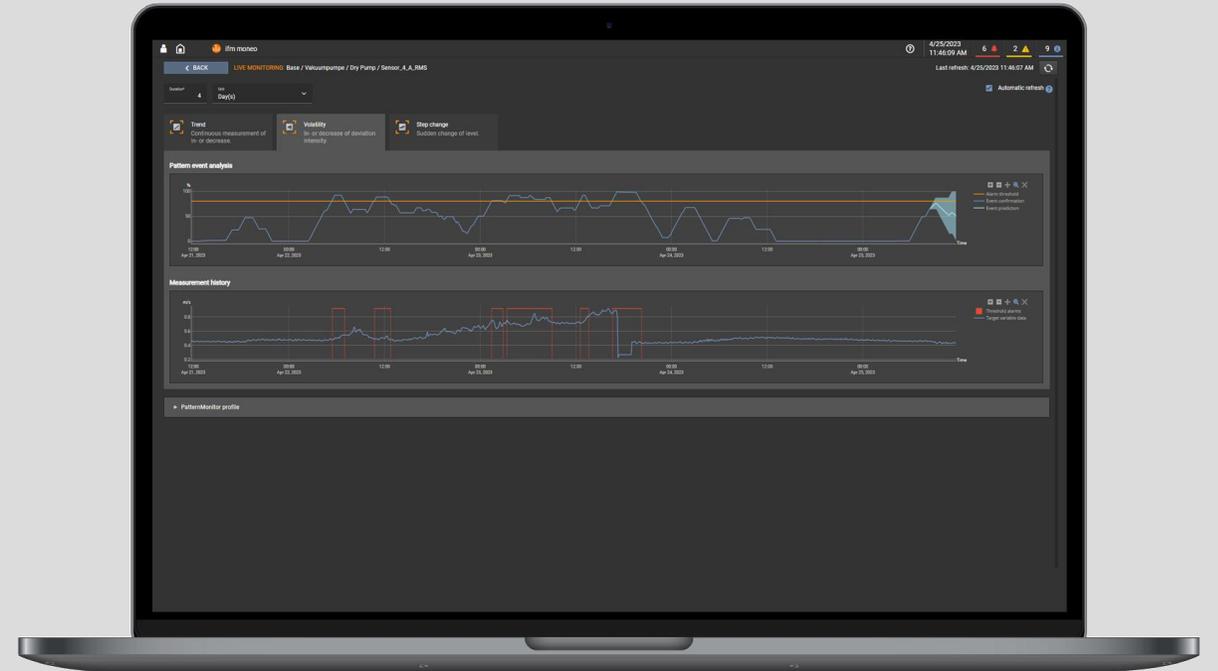
Generates **dynamic thresholds** based on the status of the process being monitored and **provides alarms and warnings** as soon as the status of the **monitored variables** changes. Besides, **significant variables** of the monitored system are shown.



The KI software

moneo | PatternMonitor

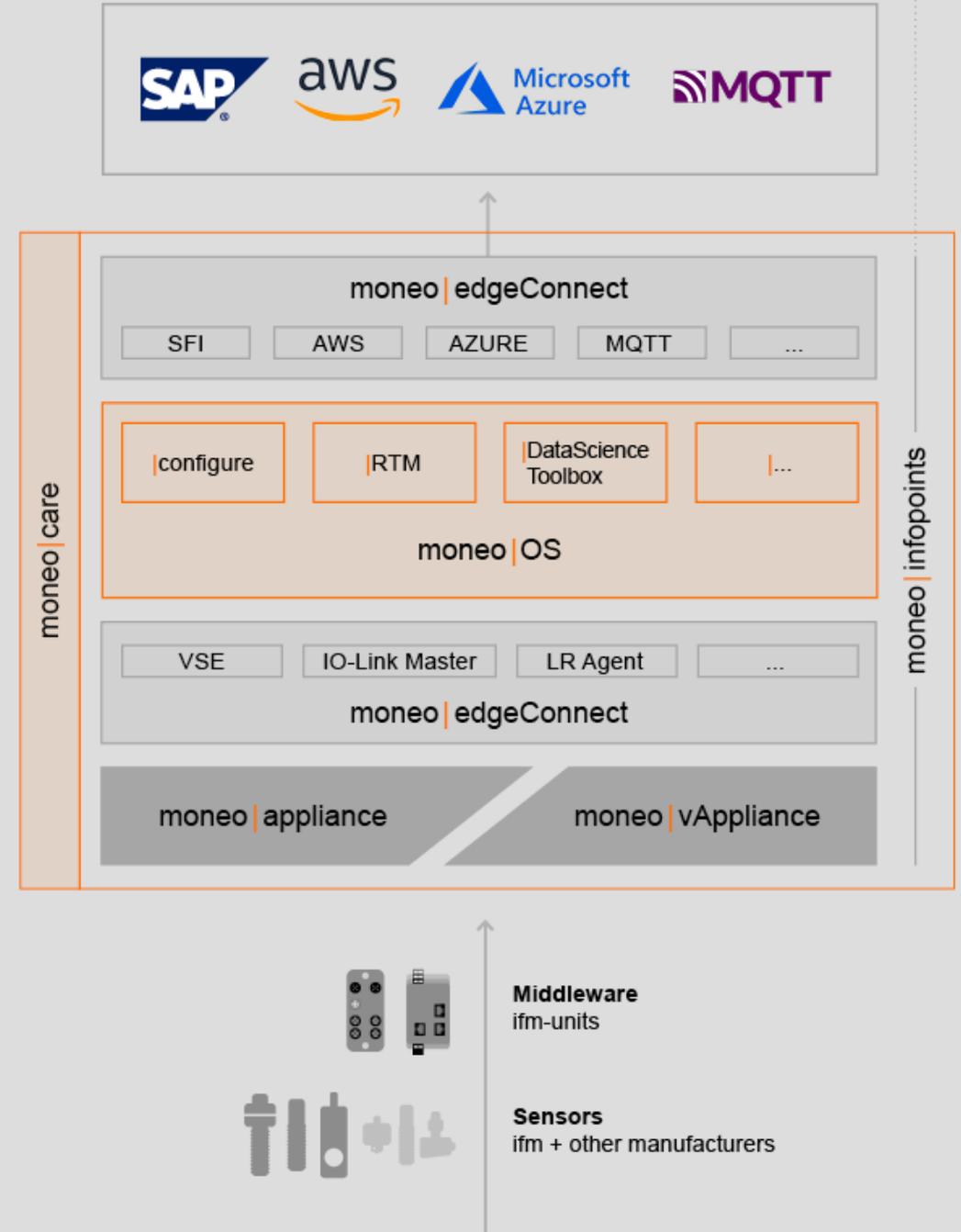
Identifies **structural changes** in a critical variable and, depending on the configuration, **detects trends**, changes in **volatility** and **level changes**. **Alarms** are generated so that appropriate **measures** can be taken **at an early stage**.



SAP integration

SFI | Shop Floor Integration

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

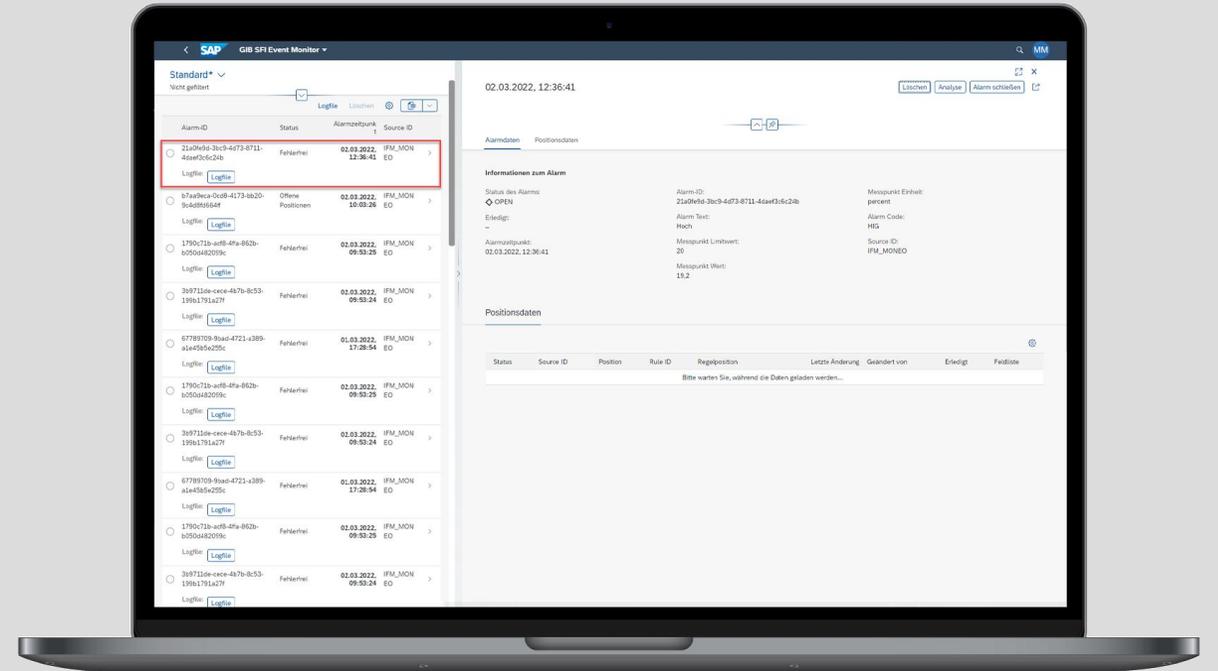


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SAP integration

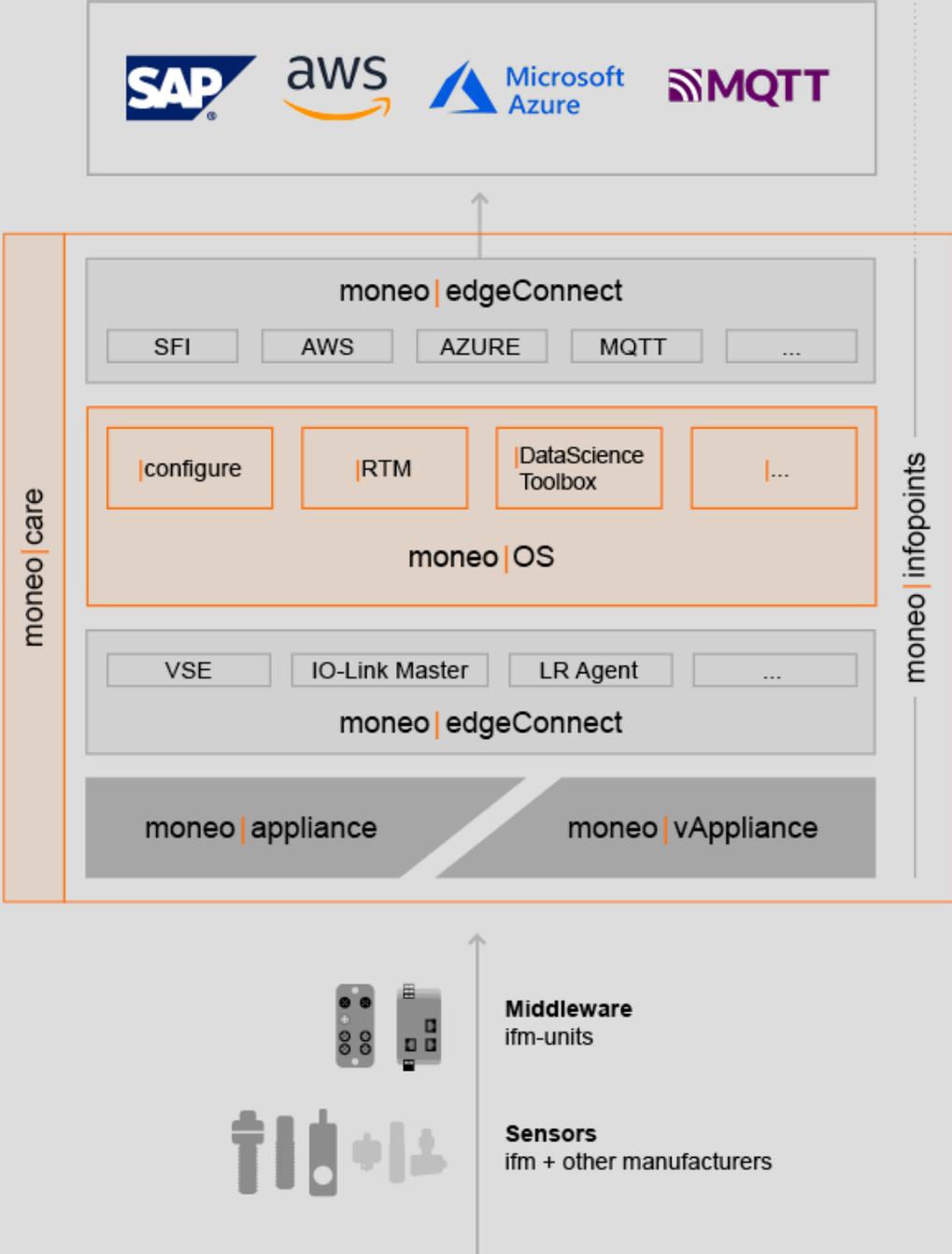
SFI | Shop Floor Integration

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

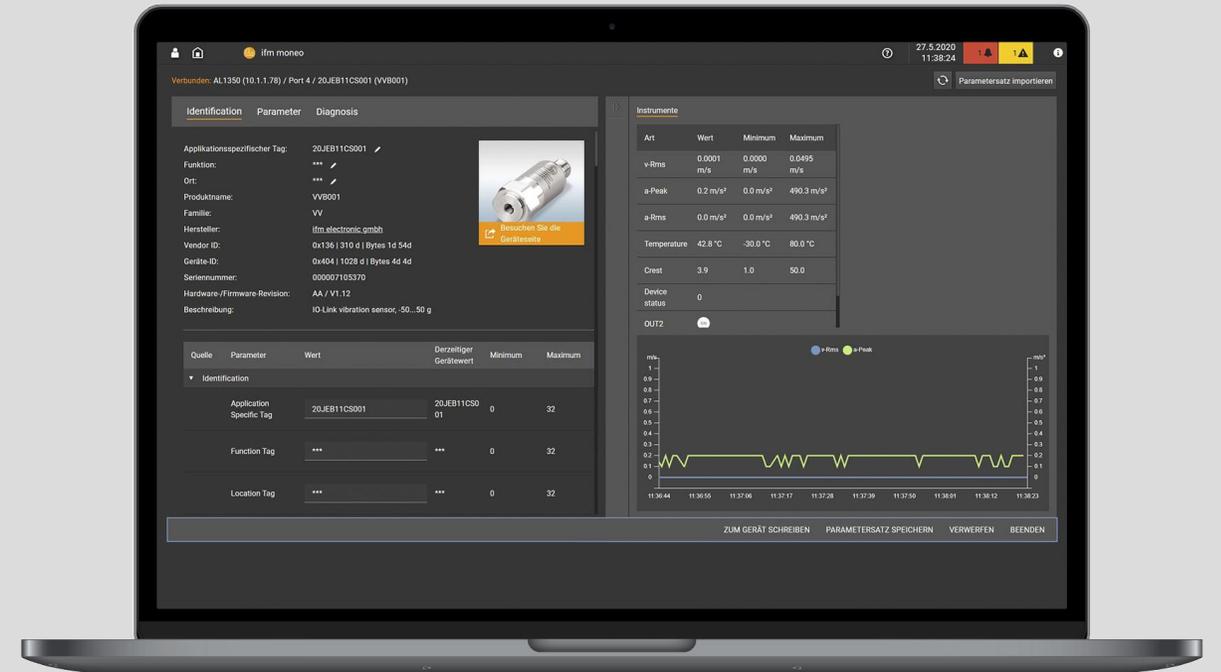
The app for parameter setting
and management of **IO-Link devices**.



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.



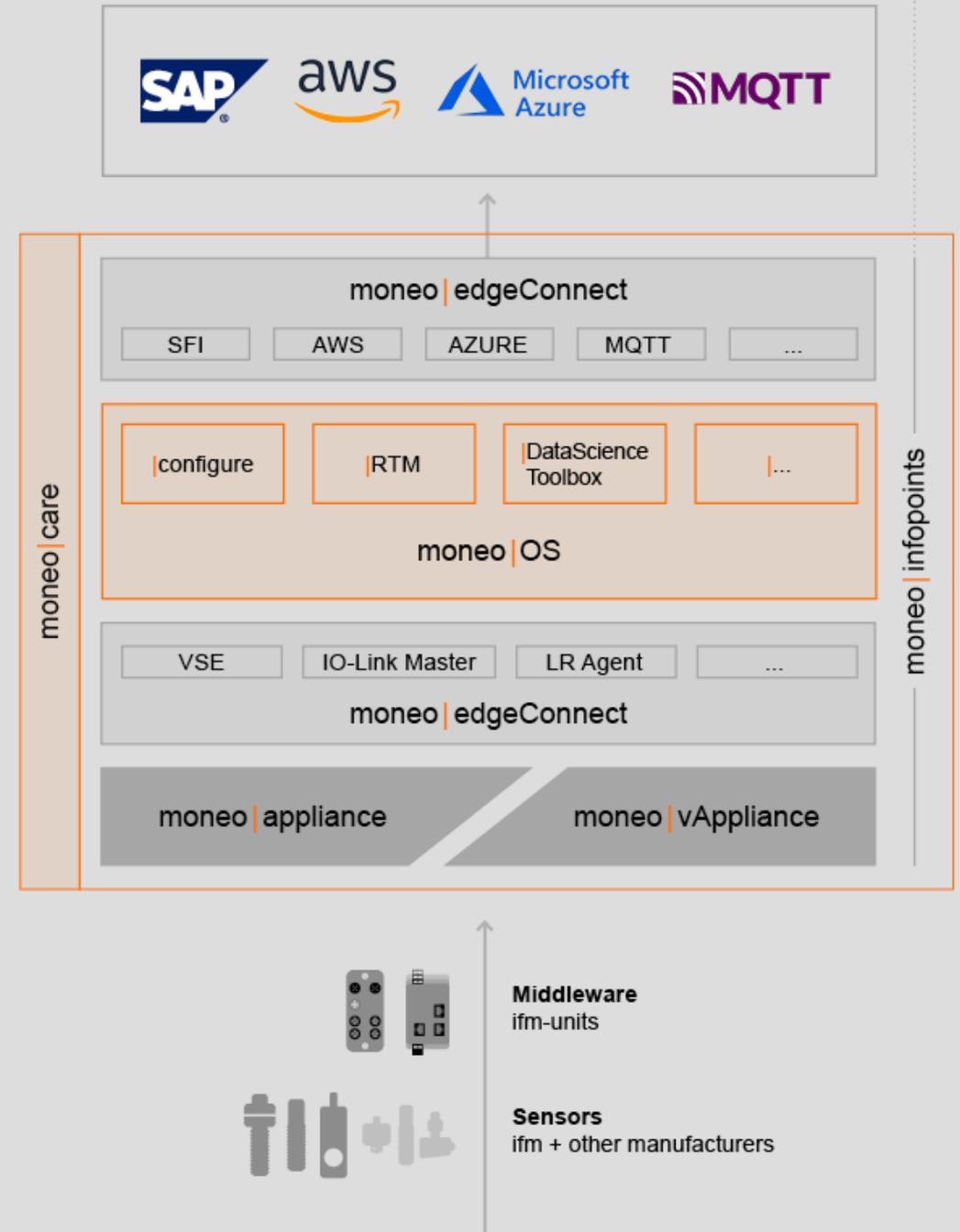
Add-on for parameter setting

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)

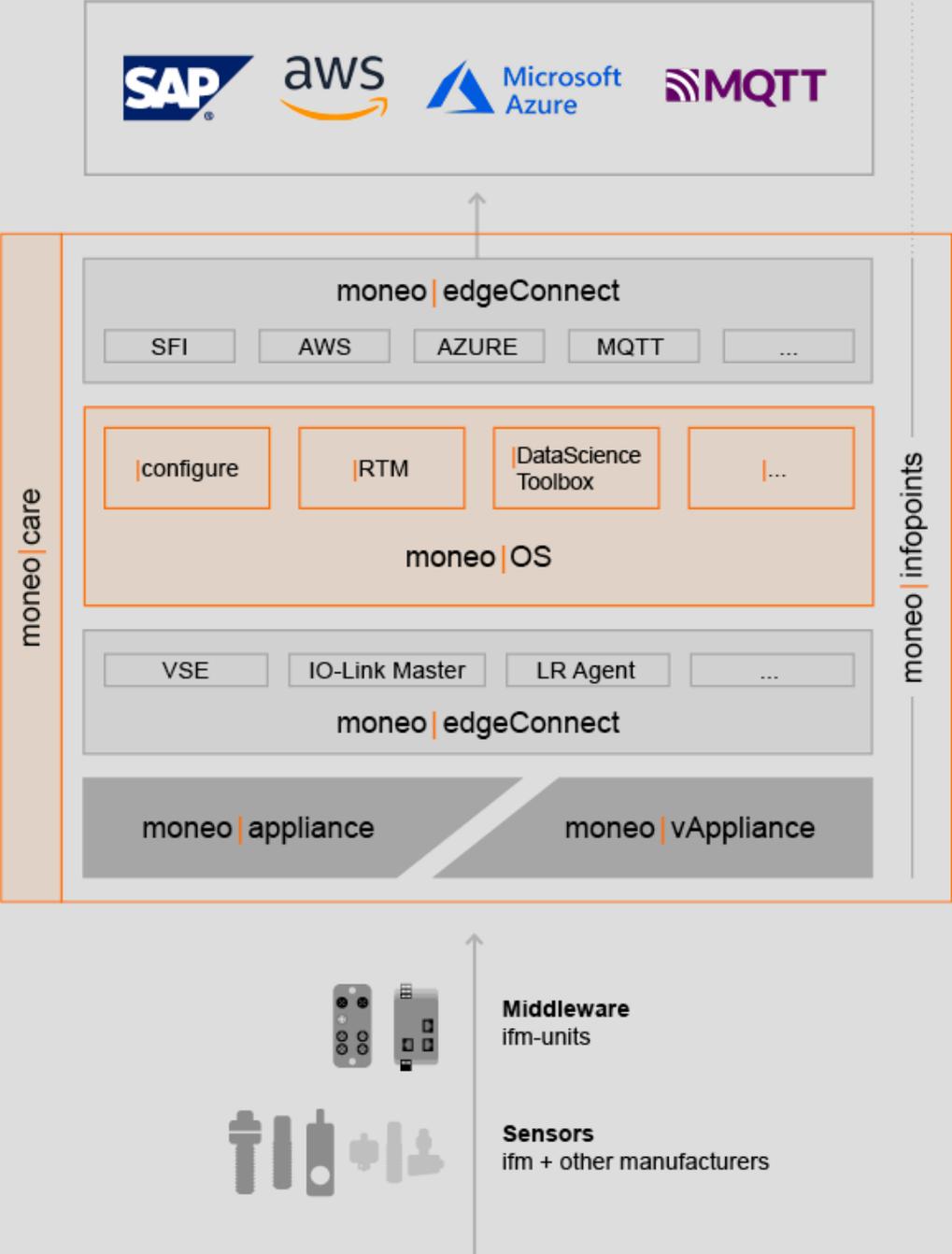
The primary function of PLC Tools is GSDML parameter setting. The functional scope of this licence will be continuously expande



The hardware

moneo|appliance

Ideal hardware with pre-installed moneo software.



The hardware

moneo|appliance

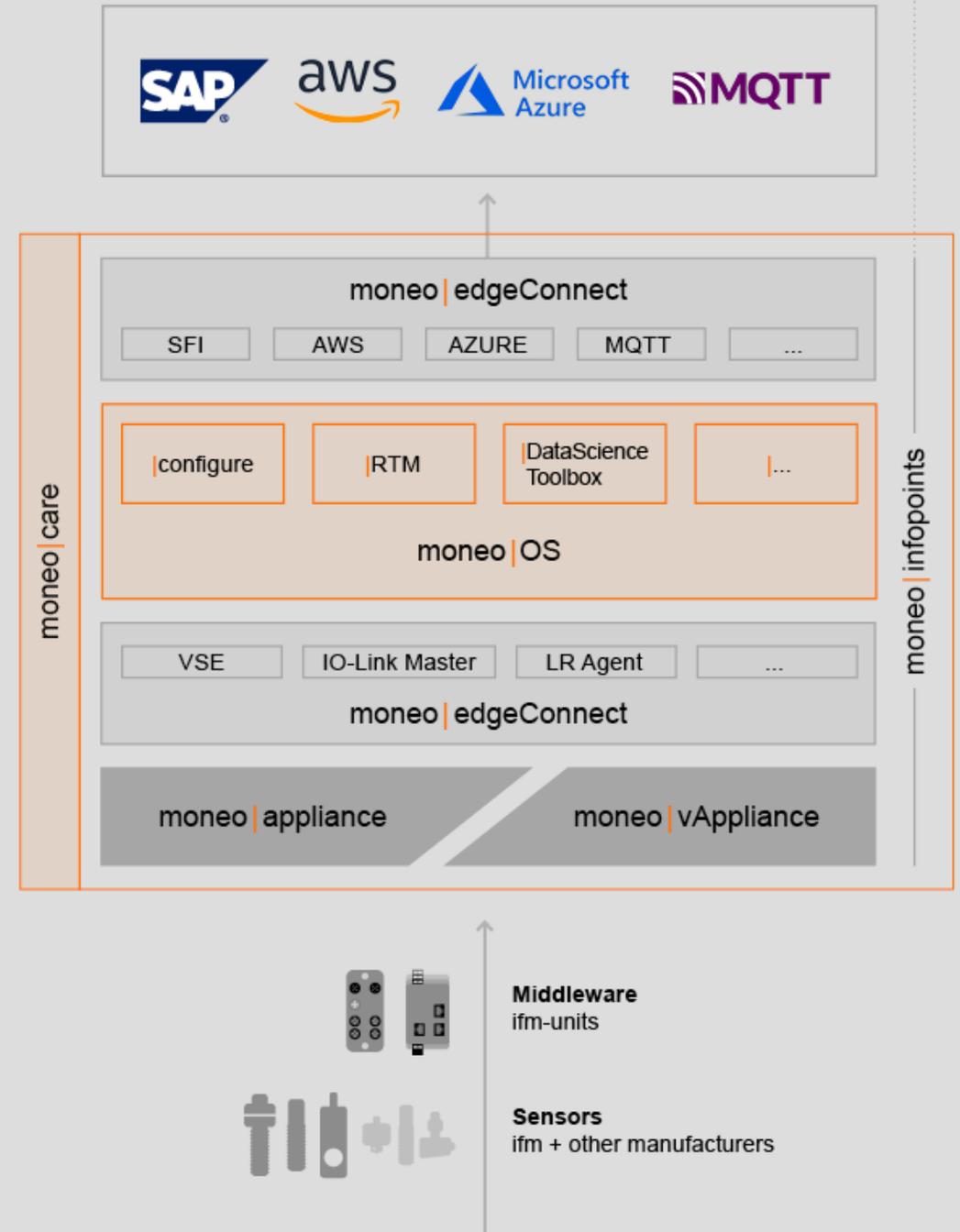
- In line with the concept of “ready to use”:
- Set-up and operation is also possible without IT expertise
- Can be easily implemented in existing infrastructures and in the production network
- Node for **data collection and processing**
- **Continuous system maintenance** thanks to integrated data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



The virtual machine

moneo|vAppliance

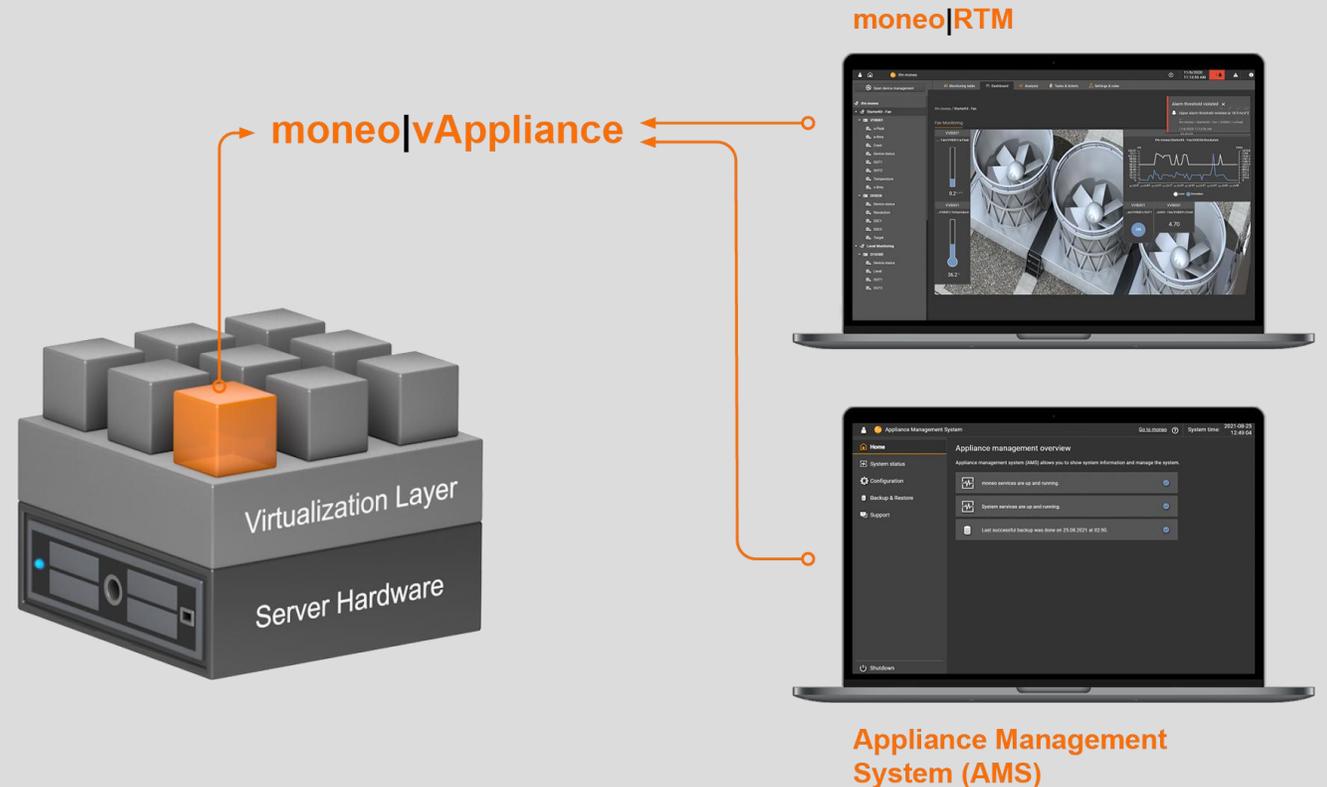
Optimal operation of the pre-installed moneo software in virtual environments.



The virtual machine

moneo|vAppliance

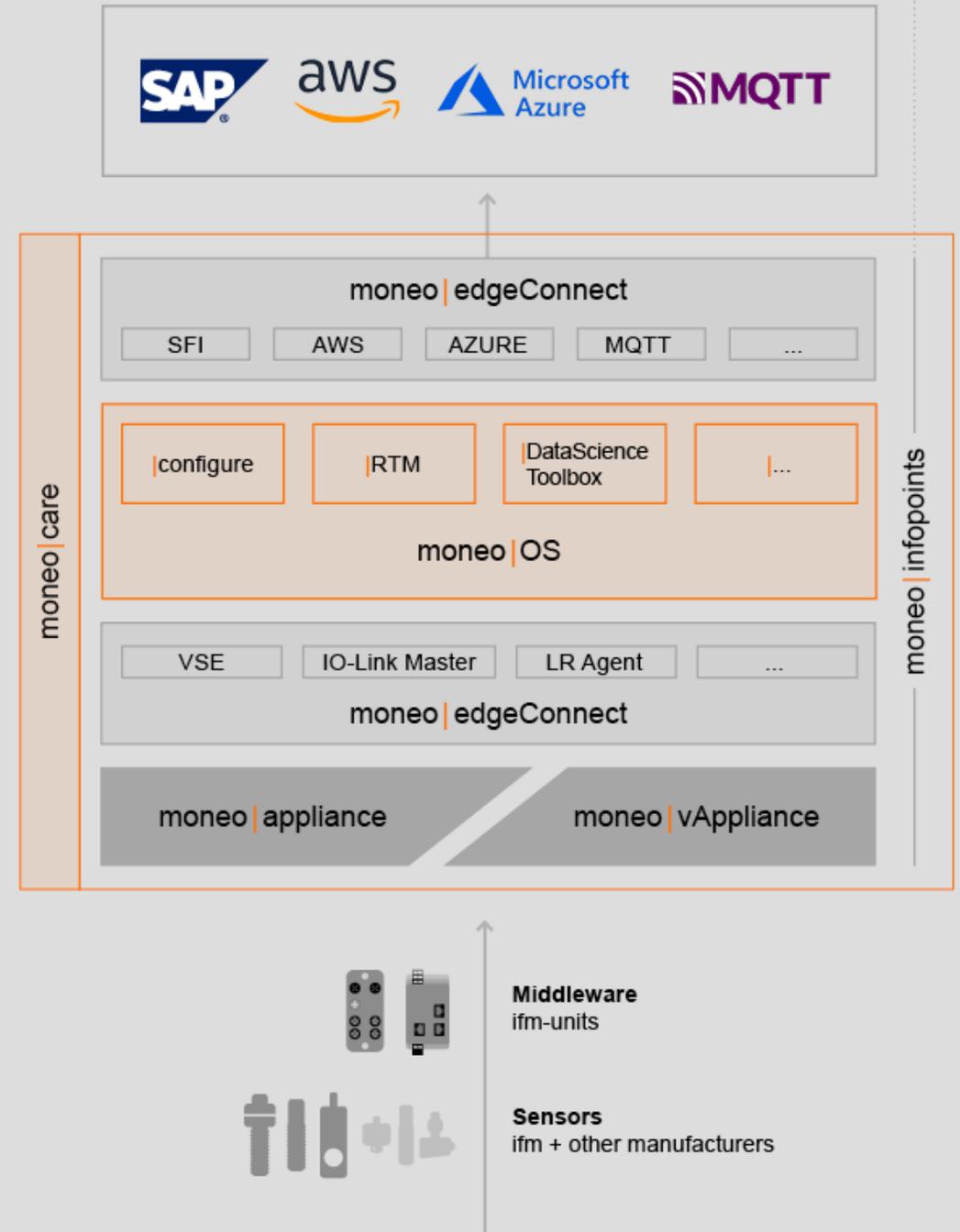
- **Fast set-up** in existing virtualisation infrastructures
- User-friendly initial configuration via the Appliance Management System
- **Continuous system maintenance** thanks to integrated data backup, updates, support and logging
- Both the existing hardware and high availability solutions of the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



Software maintenance and support contract

moneo|care

All-round carefree package to provide service for moneo.



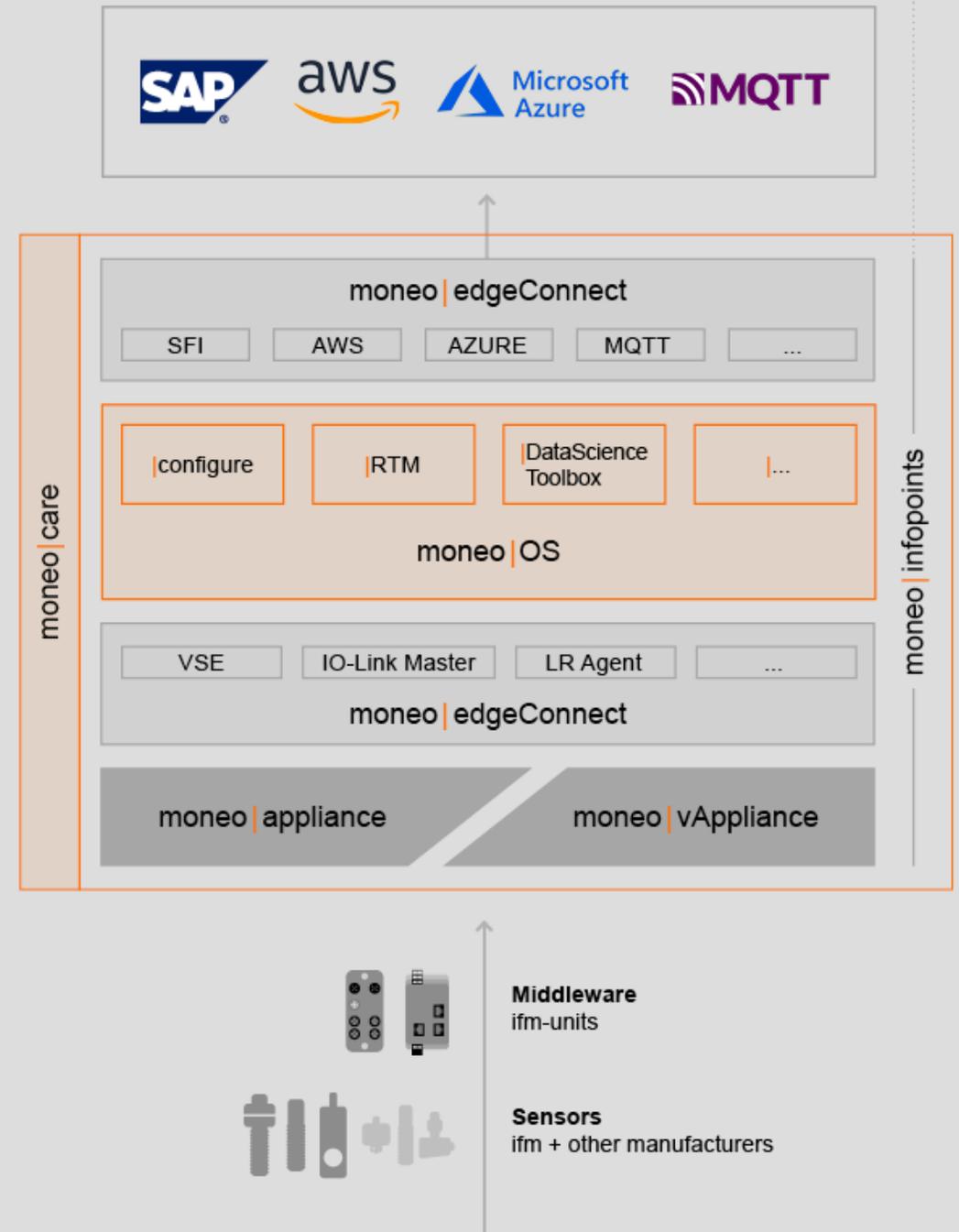
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Software maintenance and support contract

moneo|care

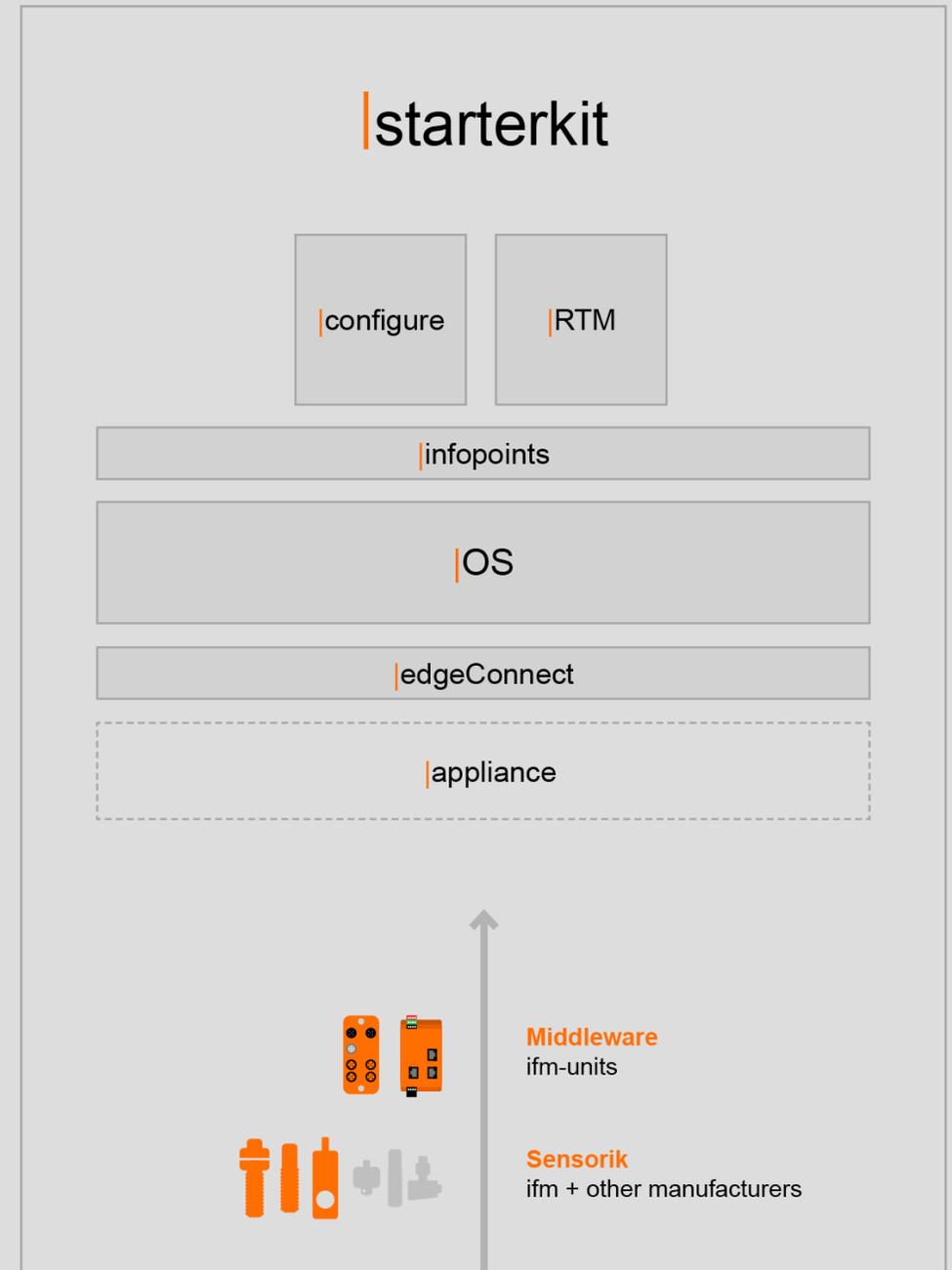
moneo|care includes all service and support activities for keeping the IIoT solution up to date, stable and secure.

- **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



Testing and starting moneo|starterkit

Complete package for
condition monitoring of motors.



Testing and starting

moneo|starterkit

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

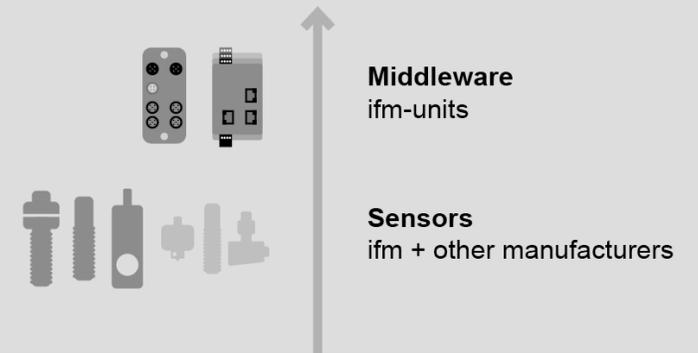
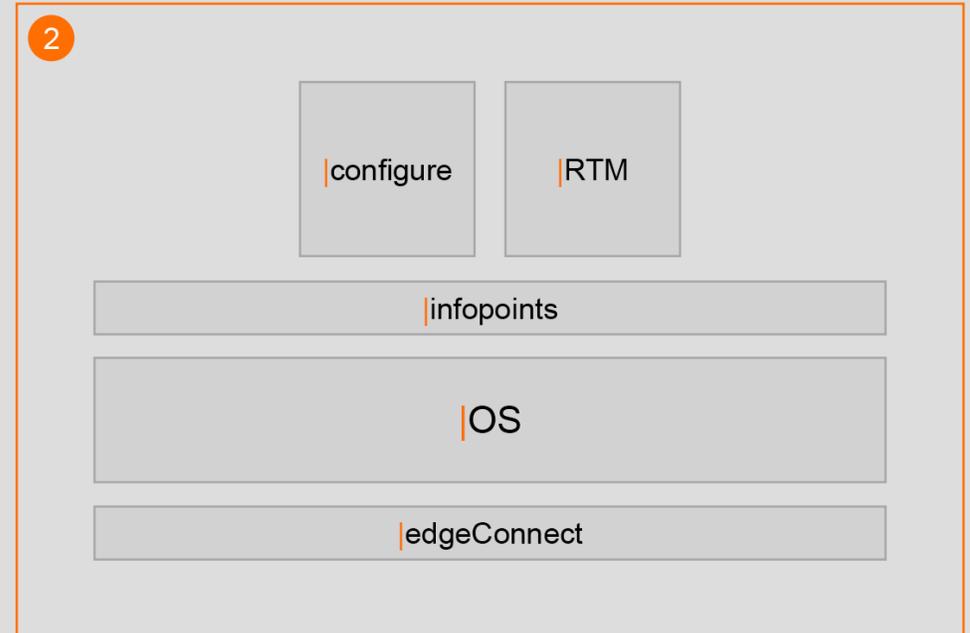


Give it a try instead of doing a blind bargain

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



Give it a try instead of doing a blind bargain

moneo | Test version

Digitalisation at the push of a button

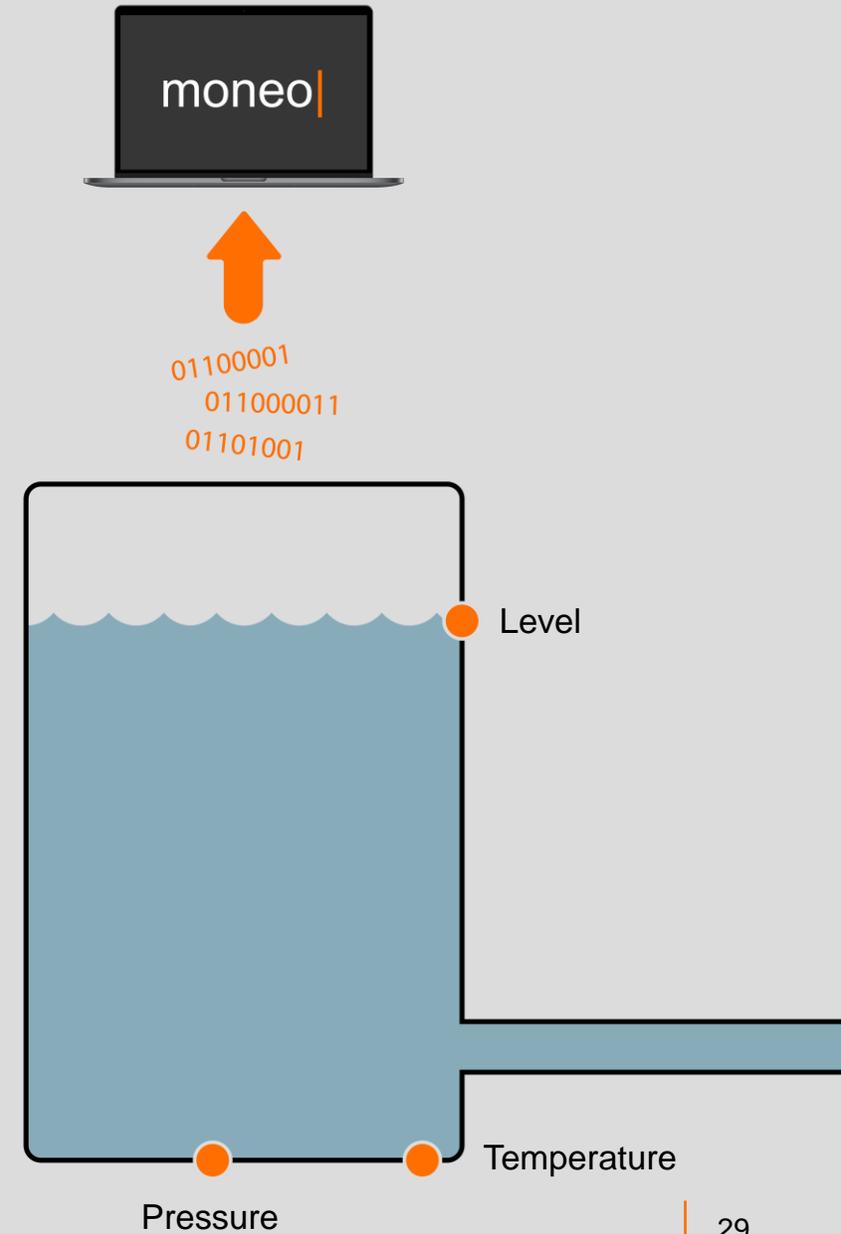
- Full range of functions for 30 days, guaranteeing a quick start
- After 30 days, opt for the full version or let the trial version expire
- With the full version, all settings and collected data remain available



Use case

Level monitoring

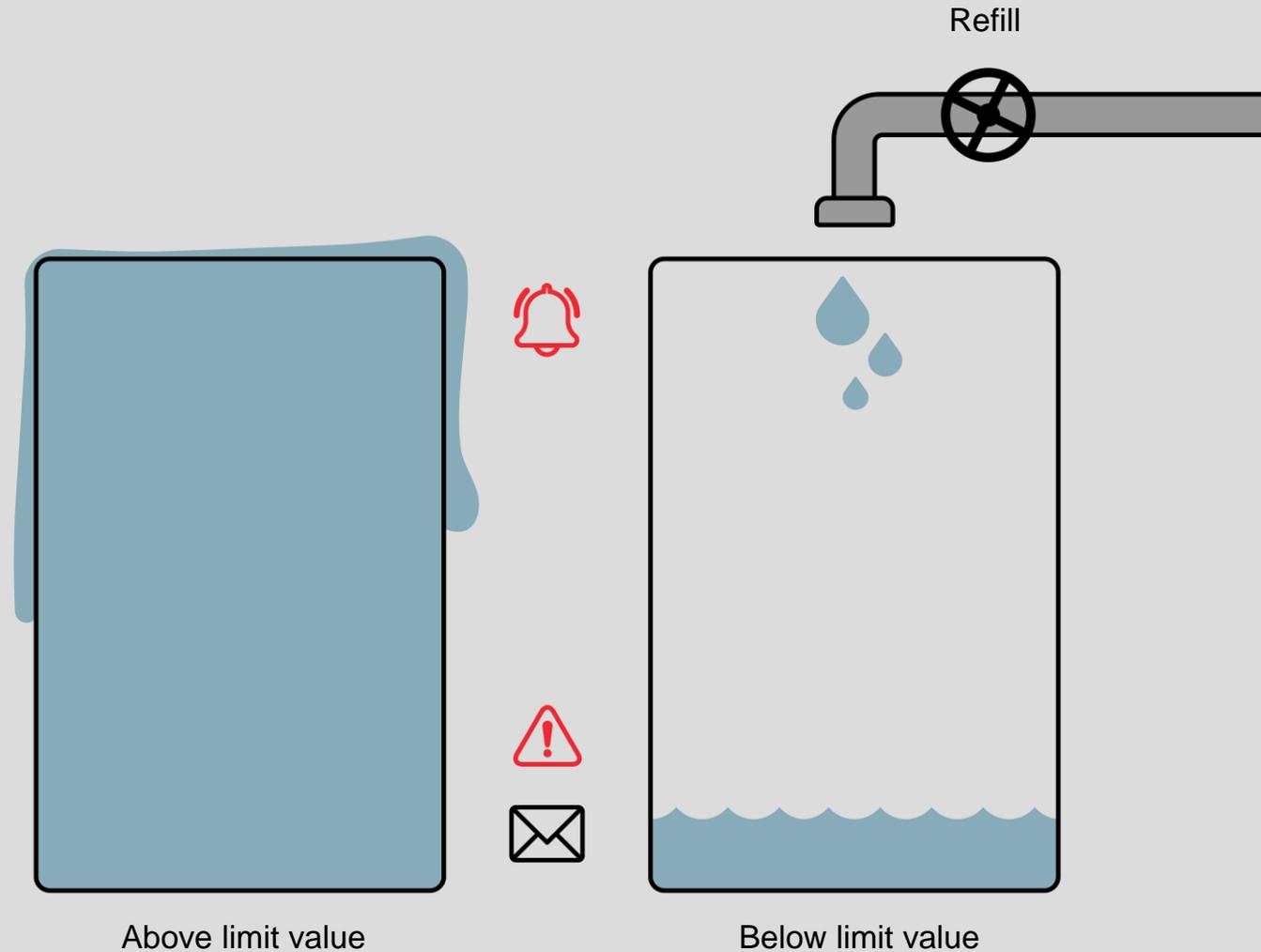
Sensor data becomes
process-relevant information.



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

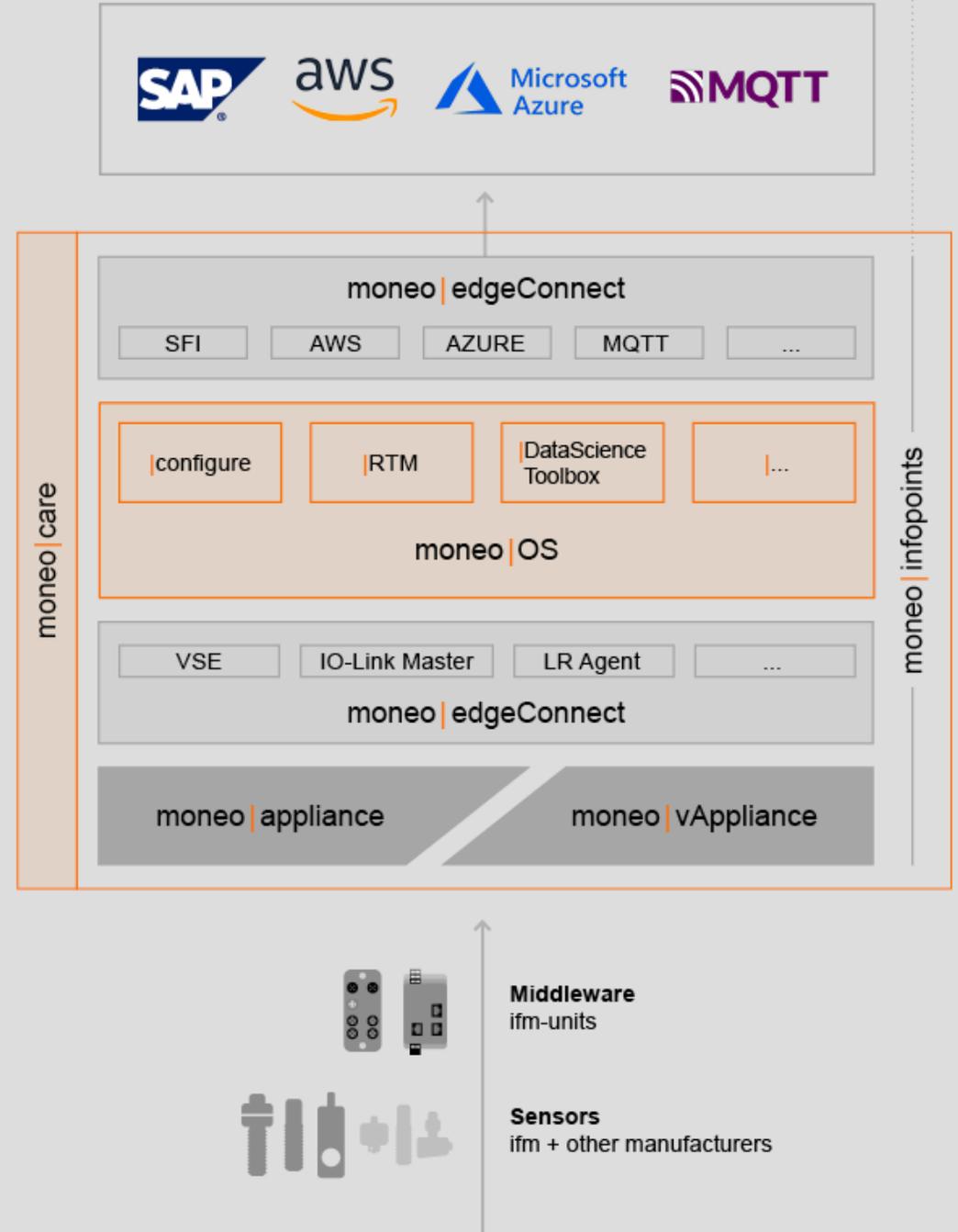
- Analysis and **visualisation** of levels
- **Identification** of limit values that are exceeded or not reached



A modular system

moneo|evolution

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



Are you ready for
industrial evolution?

Yes, you are.

With moneo.

