PAESSLER
THE MONITORING EXPERTS

PAESSLER
BUILDING
MONITOR

Building state monitoring with Paessler Building Monitor

Learn what's happening in buildings, and increase resource efficiency: from sensor deployment to new insights in a day

Digitalization is advancing and building state monitoring can make real estate more profitable for stakeholders and more livable for residents. This is how: Instead of relying on manual on-site data collection, which is performed occasionally throughout the year, various sensors can measure the state of buildings 24/7. And a monitoring tool can translate this data into actionable knowledge.
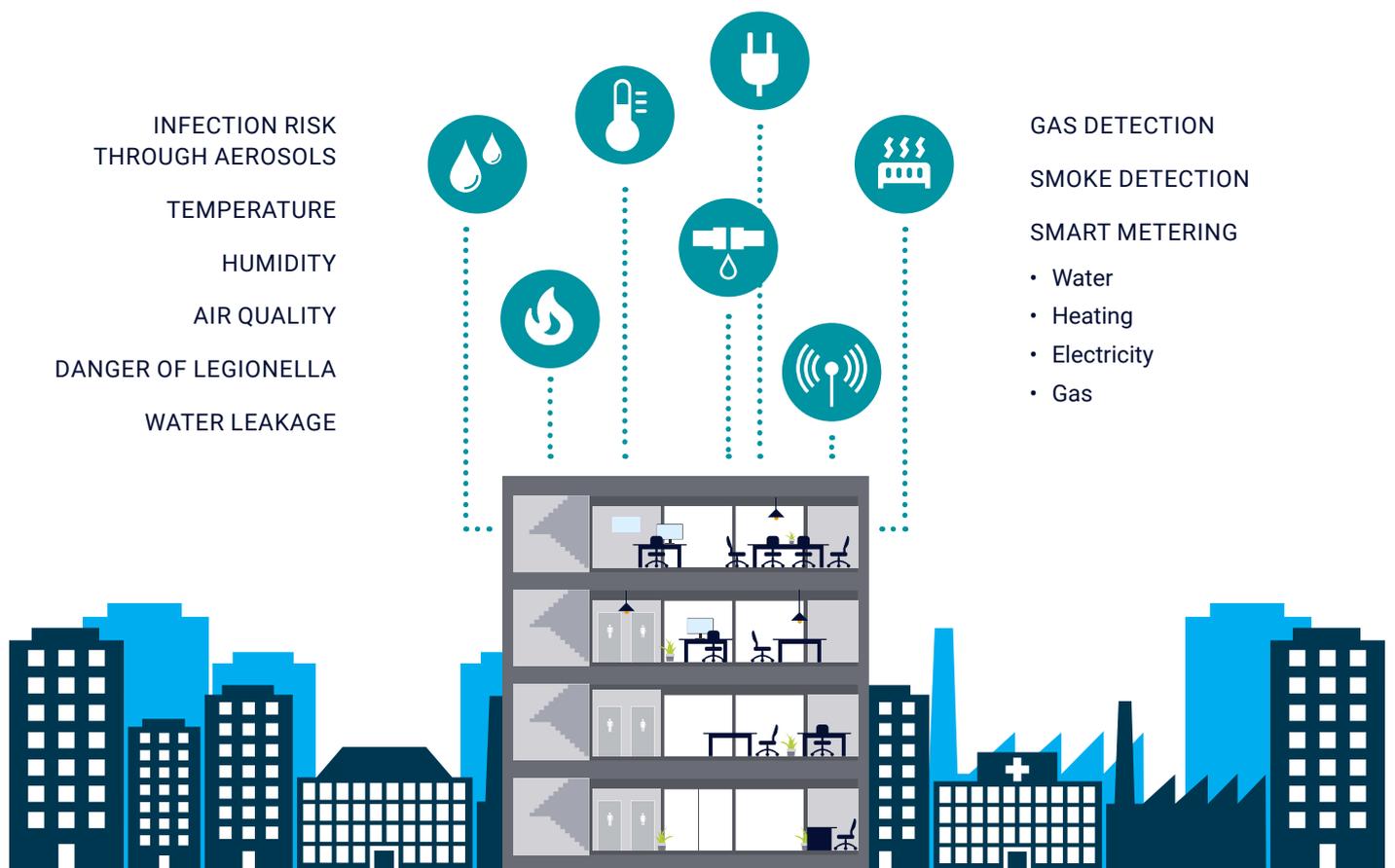
With Paessler Building Monitor, Paessler AG has come up with a tailor-made solution for building state monitoring, covering the needs of modern, competitive asset management:

- A move away from a manual on-site data collection to an automated and remote building state evaluation
- Flexible integration of IoT sensors and third party systems with our solution, in order to get the job done as fast as possible
- The collected building data supports real estate asset managers and other stakeholders
  - in their planning security
  - in realizing cost savings
  - in optimizing resource consumption

A building is a complex system ...

... and as such, buildings offer a high potential for optimization as well as for risk management. When all relevant data is easily available, energy consumption can be optimized, current building states can be maintained, and damage to the building and its elements can be avoided. However, if an incident does occur, quick, reliable alerts and early intervention are worth a lot. Data provides the basis for decisions in all these cases. In fact, building state monitoring is the informative digital twin of a building.

INFECTION RISK
THROUGH AEROSOLS

TEMPERATURE

HUMIDITY

AIR QUALITY

DANGER OF LEGIONELLA

WATER LEAKAGE

GAS DETECTION

SMOKE DETECTION

SMART METERING

- Water
- Heating
- Electricity
- Gas

Our key features

Our solution is based on a SaaS software system, which is fully managed and operated by Paessler, and which includes the following functions:

Easy onboarding

- Go from installing sensors to running the system within a day
- Setup without programming skills
- Large catalogue of supported devices

Device management

- LPWAN (Sigfox, LoRaWAN, mioty®, and others)
- Managed LoRaWAN server
- Flexible and vendor agnostic functionality for adding IoT devices

Building state insights

- Most common use-cases available as templates (including relevant threshold recommendations)
- Custom use-cases can be added easily

Alerts & notifications

- Threshold-based alerting
- Get notified via email, sms, and more.
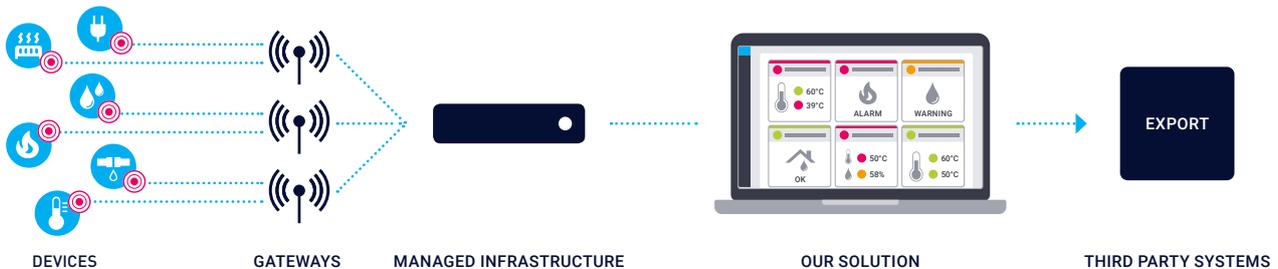- Notifications that matter – avoiding alert noise.

Reports

- Export data to third party systems
- Custom time frames for reports (PDF or CSV)
- Evaluation of building status data at a glance

How it works

Here's the path data takes from devices, placed in various spots in a building, all the way to our solution:

DEVICES   **GATEWAYS**   **MANAGED INFRASTRUCTURE**   **OUR SOLUTION**   **THIRD PARTY SYSTEMS**

Connect IoT devices to our solution with an easy-to-use wizard. Predefined use case templates give you real added value in practical application and provide powerful insights. You can build upon preconfigured thresholds to set alerts and notifications to always know the current state of your buildings and secure the value of your assets. Furthermore, if needed, it's easy to export data for further processing. **Sound good? We think so too.**

Do you work in the real estate sector and think
Paessler Building Monitor can help you make the difference?

We are happy to talk to you!
info@paessler.com

ABOUT PAESSLER AG

Paessler believes monitoring plays a vital part in reducing humankind's consumption of resources. Monitoring data helps its customers save resources, from optimizing their IT, OT and IoT infrastructures to reducing energy consumption or emissions – for our future and our environment. That is why Paessler offers monitoring solutions for businesses across all industries and all sizes, from SMB to large enterprises. Paessler works with renowned partners, and together they tackle the monitoring challenges of an ever-changing world.

Since 1997, when Paessler first introduced PRTG Network Monitor, it has combined its in-depth monitoring knowledge with an innovative spirit. Paessler knows the challenges of complex IT, OT and IoT infrastructures and networks. Paessler products empower its customers to monitor everything, and thus help them optimize their resources.

Check out all the possibilities within the Paessler solutions universe

HEALTHCARE   MANUFACTURING   EDUCATION   FINANCE   GOVERNMENT   CCTV   AND MUCH MORE

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