

Digital cornerstones for smart buildings

Comprehensive IT solutions for visionary building management

The collection and analysis of data is the basis for state-of-the-art building management. It enables preventive maintenance, increases efficiency and reduces operating costs. According to the Fraunhofer Institute, digitalization and automation allow for savings of up to 26 percent in heating systems alone.



Predictive maintenance

Analyzing the consumption data of your technical systems allows you to replace wearing parts before defects and malfunctions occur.

Improve the resilience and cost of vital building systems through predictive maintenance.

Digital access control

Automate the control of access authorizations so all areas of the building can only be accessed by authorized persons.

Enhance security and prevent unauthorized access to restricted areas, especially rooms with technical installations.



Process automation

Technical systems can to a large extent be controlled automatically so you only need to involve people when complex situations require a case-by-case decision. Relieve your employees through efficient human-machine collaboration.

Efficient use of space

Presence sensors automatically inform staff about available work stations, e.g. in the case of desk-sharing. If reserved meeting rooms are not occupied as planned, they can be deallocated in real time.

Improve the occupancy rate of valuable workspace and increase your productivity.



Saving energy and costs

The needs-based adjustment of technical installations brings about significant energy savings, especially in heating and electricity consumption.

Increase your energy efficiency and reduce related costs significantly.



Maximum safety

In case of a fire or another emergency, an automatic analysis of sensor data will reveal if and where people are still in the building.

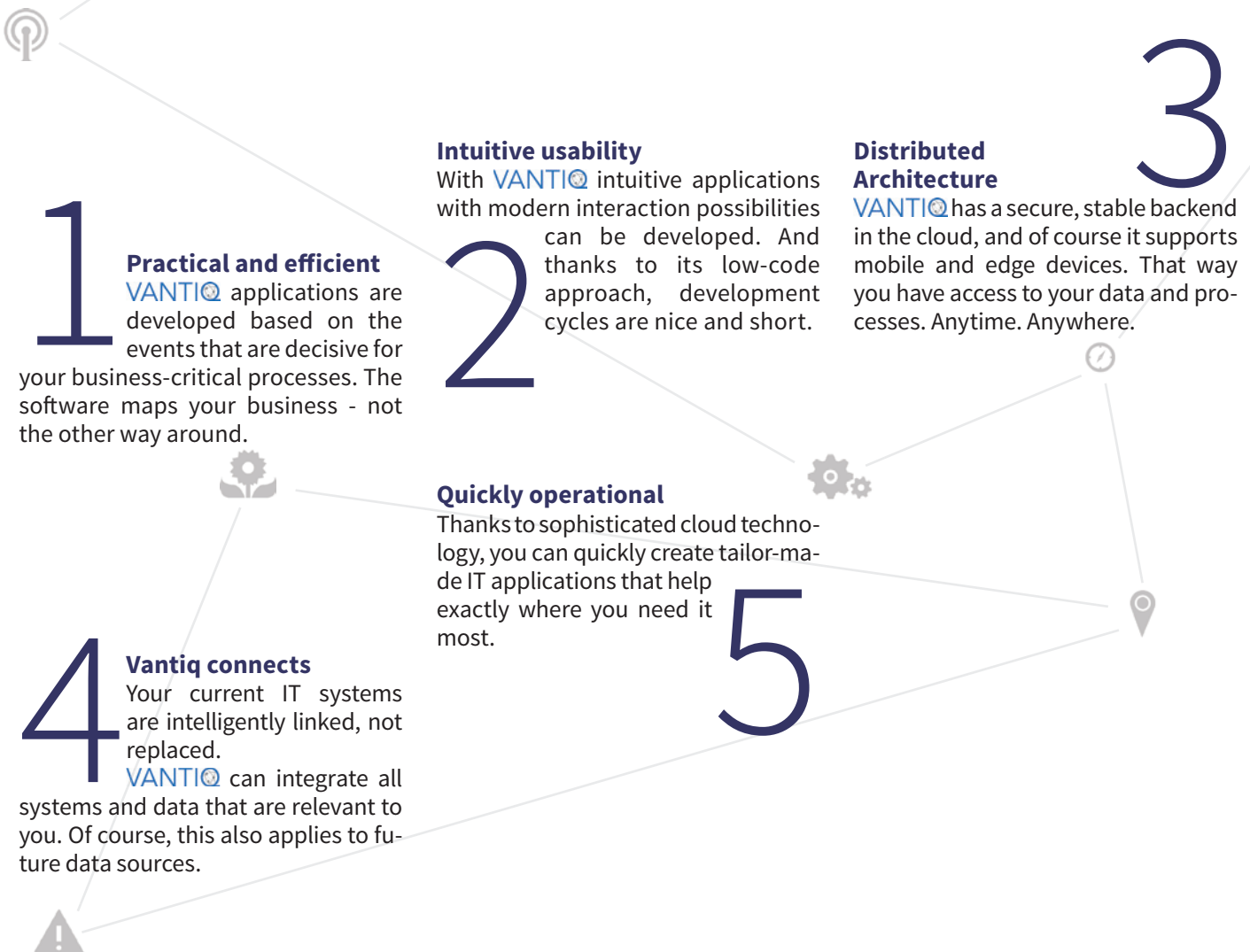
Speed up the evacuation process and increase the safety for occupants and security forces alike.

That's digitalisation 2.0

One platform, endless possibilities

The high-performance software platform **VANTIQ** offers an innovative approach for the development of event-driven real-time applications. Its strengths: High availability, human-machine collaboration, a high level of abstraction („low-code“), security and scalability.

This is the way to take digital transformation to the next level!



Secure and flexible

The platform is highly stable and scalable: if your data volume increases, the application adapts automatically. Of course, hosting in your private cloud or „on the edge“ is also possible.

Which use case has been giving you sleepless nights?

We would be happy to advise you on how you can digitalise your processes with **VANTIQ**. Get in touch.

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