

FaMe® Smart Building Management

Workstation Occupancy

New Workplace Management with FaMe®-FM

Safety & Security

Access Management

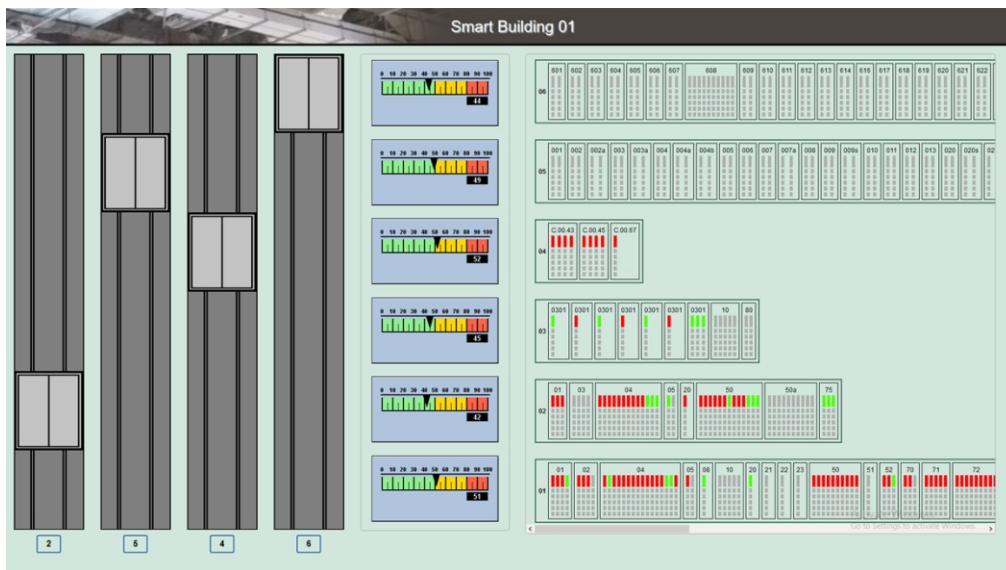
BMS Connection
using Standards

Conference Room
Management

Maintenance

Smart Building solutions can assist you in saving resources while increasing comfort. This requires a seamless integration of technical building management and CAFM. A CAFM System maps the current and future usage of a building and is therefore the basis for efficient building management. The technical building management optimizes the building resources „on demand“. FaMe fully implemented this path of integration. It has always been a focus of the FaMe product philosophy. Current developments in standardizing technical building management (BACnet™, KNX), the increasing availability of devices (e.g. Smart meters) as well as the integration of the IoT (Internet of Things) form ideal conditions

elevator. The workstation can also be booked in advance via smartphone or through the internet. In this case, the previously booked workstation appears on a display in the entrance hall. Floors will automatically be occupied while saving resources and energy. Unused floors do not need to be fully heated or ventilated. No light is consumed, staff rooms are not frequented. By means of the predicted occupancy planning, slow systems such as cooling or heating can be controlled in an energy-saving way. FaMe®-FM not only controls the assignment of the workstation, but also the access control is adapted automatically. The employee is only allowed access to the floor in which his workstation is located. Access authorization is re-programmed as required via FaMe®-FM *ad*



Example Smart Building and Workstation Management. Elevator optimization, energy consumption per floor and occupancy

hoc. If someone wants to visit an employee, he /she selects the person in FaMe®-FM, if the visit is confirmed, the visitor automatically gets access for the planned timeframe and floor.

Project areas can also be booked if several employees need to work in a team. The team members are selected via the FaMe®-FM Project Management module, everything else is done automatically. If no project is pending, FaMe®-FM automatically assigns workstations close to other members of the same organizational unit. The team workstations and the presence of employees can be displayed in

a dashboard. The FaMe®-FM workstation booking can be done via smartphone, through the internet or at a kiosk in the entrance hall.

FaMe®-FM is however more than just a plain workstation booking system. The software takes team relations, projects, accounts, and other processes into account. Flexible workstation booking supports new office concepts. Depending on the task at hand, a single room or a team area can be booked.

for implementing the FaMe concept. Some examples illustrate this:

Workstation Management

The management of workstation can be implemented efficiently and resource-saving by applying the Smart Building approach. Using paperless technologies workstations can be booked flexibly. An employee is assigned to a workstation „on demand“ via FaMe®-FM. A free work area is determined after passing through the entry control. The employee is directed to the workstation; this includes finding the next available



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Conference Room Management

The FaMe®-FM Conference Room Booking module has also been expanded to include Smart Building functions. After booking a conference room, the access systems are automatically reprogrammed for the invited internal and external participants. Access to the floor and the conference room - including a pre- and post-meeting grace period - is granted. External participants receive a pre-programmed visitor badge at the reception. Access is allowed only for the respective floor and conference room for a certain period of time. Air conditioning, air quality monitoring, and catering are automatically adapted and controlled by FaMe®-FM. unused conference rooms are energetically optimized according to their occupancy.

Maintenance

In addition to the use of IoT for predictive maintenance, FaMe has optimized the maintenance works related to the current usage. All required information, such as the maintenance overview or operating or maintenance manual, are prepared and transmitted onto a tablet PC or smartphone of the crafts person. He has only access to the areas which are necessary to complete his task. External service contractors are often used for maintenance purposes. After picking up a tablet PC at the reception and activating it through a fingerprint reader the maintenance specialist can go to the assigned location. Manuals and other documents are also available.

Security

As explained in the previous section, a smart building concept combined with the FaMe®-FM Facility Management system allows the cost-effective implementation of new security concepts. In addition to the popular use of access cards, FaMe supports new access management concepts with RFID technology or beacons for contact-free access, as well as biometric concepts such as facial recognition for high security areas.

Full Integration

What makes the FaMe®-FM solution so special for the „smart“ operation of your buildings is the seamless integration of all individual functions. The possibility of a step-by-step and yet

seamless introduction of the various applications is thus ensured.

Decades of experience combined with the implementation of state-of-the-art functions to go with current and upcoming trends give you the opportunity to operate your buildings efficiently and resource-saving while maximizing the comfort and satisfaction of your employees.



Booking of available workstations

