

Application Networked City

The new dimension in terms of economic efficiency and security

GAMMA

Answers for infrastructure.

SIEMENS

The city of Flensburg has been a consistent supporter of networking its buildings. The integrated real estate administration is the basis of cost and energy savings as well as increasing security.

If a window, a skylight or an exterior door is opened at night, GAMMA *instabus* reports it immediately to a control center. In next to no time a police patrol can be there to check on things.



GAMMA *instabus* – everything within reach

Every public budget and local authority is under great economic pressure. This constraint to implement savings also has an impact on the management of public buildings.

Every property therefore needs to:

- Reduce operating costs
- Save energy
- Be safe from outages
- Be safe from break-ins and vandalism

GAMMA *instabus* provides completely new approaches for these conflicting objectives.

Definitely economical

- **To manage your building economically and securely**, all your building's operational systems can be graphically displayed on one or more PCs, operating conditions can be superimposed and operator interventions in the system are made possible.
- This **visualization** is possible both **locally** (e.g. during the day) as well as **at a remote control center** (e.g. at night).
- This makes it possible to implement cost-effective **monitoring with low personnel costs**. It is possible to monitor buildings for which monitoring would not otherwise be economically feasible.
- GAMMA *instabus* **watches all night long**, whereas a night watchman with patrols could offer only intermittent security.
- **Monitoring** is possible **without special monitoring devices**: every time a light is switched on or a window or exterior door is opened, an alarm is generated in monitoring status.
- **Rapid detection and report of breakdowns** such as a heating outage make it possible to avoid damage or at least keep it to a minimum. The breakdown detected is relayed immediately, via a LAN, by e-mail or SMS.

Turnkey installation solutions

As the supplier of the entire building installation, we can offer an integrated solution for each individual building and

for networking your properties from the energy input to intelligent electrical applications right down to the outlets.

As soon as an alarm from a remote building is reported, one telephone call is sufficient to send someone round.

At the end of courses and events in school premises, the school can be locked from a remote location. There is no need for a janitor to be present.



Efficient building management

- **Targeted, comprehensive real estate management** makes it possible, for instance, by monitoring all the oil levels at the properties, to purchase oil in the most cost-effective way.
- **Maintenance according to need** is possible, since requirements are reported quickly, e.g. the breakdown of a pump. This method is used for systems that rarely fail.
- In the case of equipment subject to wear (e.g. lighting), cost-effective **preventive maintenance** is made possible by a systematic **record of operating hours**.
- Through networking, **components can be used jointly:** e.g. a weather station reports rain for several buildings in the local vicinity.
- **Central remote opening and locking** of buildings can reduce costs for on-attendance time on the spot.

The next generation of efficient, economic building management – by networking your buildings with **GAMMA Building Management Systems**.

The functions at a glance

Economic efficiency and safety

- Economic and secure building management
- Visualization locally and remote
- Monitoring with low personnel costs
- Monitoring throughout the night
- Monitoring without special monitoring devices
- Rapid detection and report of breakdowns
- Targeted comprehensive real estate management
- Maintenance according to need
- Preventive maintenance by recording operating hours
- Joint use of components
- Central remote opening and locking

Would you like a meeting?

If you are interested in the possibilities provided by networking, contact your Siemens partner. He will take care of everything else.

For further information,
please contact your local Siemens sales partner.

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Subject to change without prior notice 04/08
Order No.: E20001-A6240-P430-X-7600
Dispo 25604
2100/9696 MK.ET.02.ETGA.52.8.09 0508X.0
Printed in Germany
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