

Medicine + DAKS



Typical Fields of Application in the Healthcare Sector:

- Summon emergency teams, e.g. in a cardiac alarm
- Dynamic calls from surgeon teams, through broadcasts with activated "proxy rules"
- Receive and forward deliberate and automatic alarms, e.g. in an assault in a psychiatric clinic
- Transmit nurse calls from a call system to mobile caregivers, with or without automatic callback to the calling patient
- Forward error and malfunction messages from devices to mobile service technicians in combination with an industrial controller
- "Silent Fire Alarms" triggered through a connected fire detection system



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Safe and reliable alarms, information and communication – since 1958

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Alert and Notify Target Groups Effectively – Unburden Responders, Save Lives

Point of Departure

In connection with the expansion of the forensic clinic to the Klinikum Bremen-Ost in 2003, the call was made for an innovative alarm system that was to replace the obsolete in-house solution developed in the 80s which demonstrated a precarious susceptibility to operating errors. In addition, all technical alarms — and they are the majority — were to appear at the telephones used by the house technicians.

Solution by Applying the DAKS Alarm Server Technology

The technical implementation is accomplished on the basis of several combined functions of the DAKS Alarm Server and a coupling to the central building control system. To bring increased mobility to the employees, they are equipped with special red DECT telephones.

When an alarm is raised, the medical device sends a dataset with the relevant additional details to DAKS, which in return sets off an alarm process and alerts the caregivers and physicians that are needed to the emergency, notifying them of the room number, the patient, and the event itself over the telephone, no matter where they are currently located.

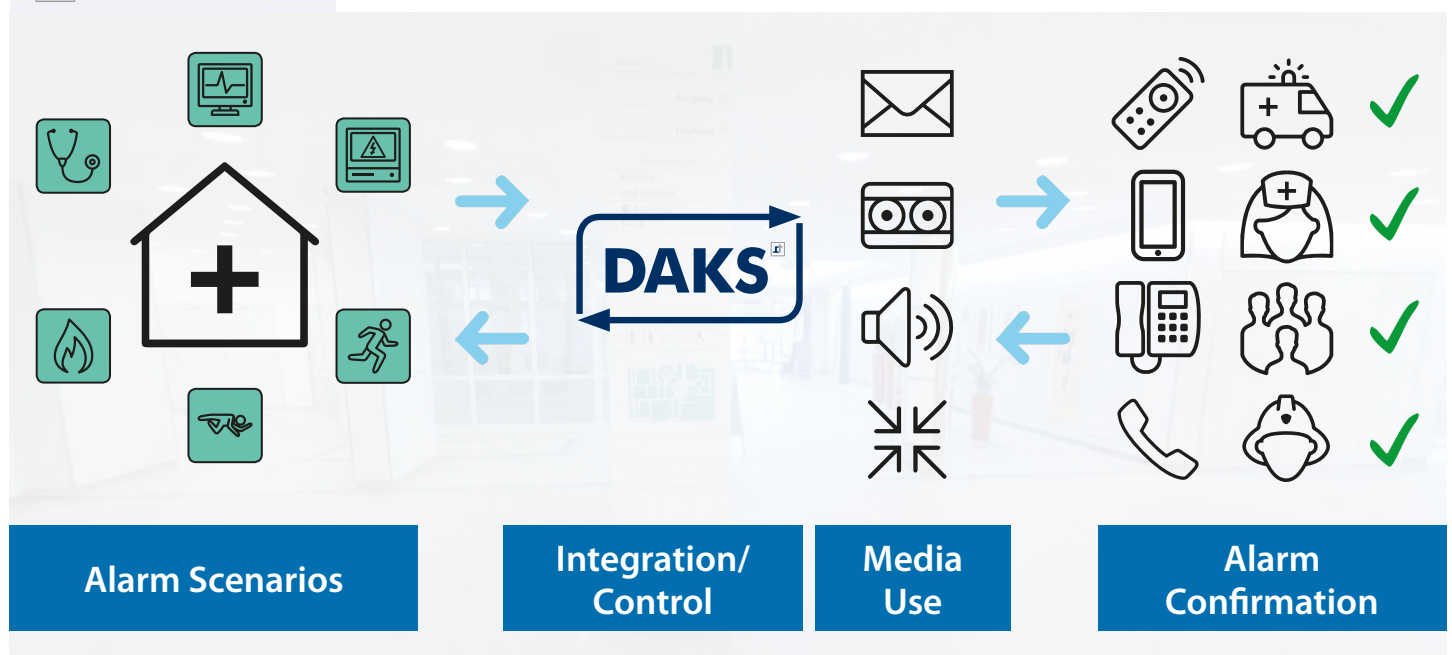
Customer Benefits

The automation of communications processes enables a much faster alerting process, transparent workflows and increased mobility. This makes it possible to avoid the often time-consuming routing via a central office. In addition, the ability to talk to the right caregiver quickly and directly simplifies and accelerates the overall processing of nurse calls.

"We use DAKS to alert to a fire and use voice announcements and text messages. The advantage is clearly the immediate triggering of the telephone conference that brings together our important staff members. Because our responders arrive much faster at the scene than the regular fire brigade, the damages that are suffered are mostly minor."

Werner Martens,
Klinikum Bremen-Ost

Solution Schematic



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