

What does **DAKS**[®] do in Hospitals?



30 DAKS application examples for
emergency response, process optimization,
and personal safety



Emergency and Contact Management

DAKS optimizes operations from the outset: It mobilizes qualified staff tailored to the emergency, shortens response times, and improves accessibility. It also provides protection for staff who, in frontline service areas, often have to deal with people experiencing extreme emotional distress.



Digital trauma room form

Record emergency reports using a digital form, automatically generate a broadcast message, and send it to the necessary staff to save time



Entrances and contact points

Ensure availability even when the contact point is temporarily unstaffed (forward calls from the intercom system to mobile phones as needed)

WELCOME





IVENA integration

Integrate information from ambulances and rescue helicopters and the control center



MCI alarms

Easily trigger complex alarm and communication scenarios step by step at the push of a button and conduct regular drills



Emergency C-section

Dispatch alarms from delivery rooms and effectively reduce response times



Helicopter landing

To prepare for a helicopter landing, use a broadcast call to mobilize personnel with various qualifications



Internal security service

Use the internal emergency number to initiate an emergency conference call with the internal security team and allow them to listen in on the situation via microphones



Employee protection

Preventing violence and protecting staff through a discreet alarm activation feature on the desktop



Emergency surgery organization

Inform all necessary parties – bed transport, doctors, assistants, etc. – automatically at the touch of a button, and optimize operating room utilization



Transport coordination

Optimize transport operations in connection with a central computer (e.g., for organs, medications, and blood units)

Organizational Optimization

Providing proper care for patients requires a great deal of organization: from mobilizing on-call staff to the complex coordination of emergency surgery. DAKS enables the entire coordination process at the touch of a button, thereby reducing waiting times and increasing capacity utilization and efficiency.



On-call duties

X-ray, lab, pharmacy:
Organize on-call services easily and reliably and ensure availability



Bed transport

Automatically notify patient transport staff (e.g., rescheduling of a planned surgery due to an emergency surgery)



Asset tracking

Real-time tracking and utilization analysis of smart beds, wheelchairs, defibrillators, and other medical equipment





Care

Forward nurse call alerts to the appropriate nursing staff, including the option to have the call forwarded back to the patient's bedside



On-call duties

X-rays, lab services, pharmacy, transportation, meals, doctors: Organize on-call services simply and reliably and ensure availability

Nursing Services and Patient Safety

In the field of nursing care, DAKS reduces the workload on overburdened nursing staff while simultaneously improving patient safety and satisfaction. This has a positive impact on the quality of nursing care.



Cardiac emergency / Code Blue

In emergencies, locate nearby doctors, alert them, bring them into an emergency conference call, and direct them to the patient



Silent fire alarm

Avoid panic; assist caregivers in conducting an orderly evacuation by designating escape routes, while simultaneously notifying the fire department and emergency responders



Hallway displays and public address systems

Route messages to visual (displays) and audible (PA) output systems



Information management

Information available via the info telephone module (e.g., meal schedule, visiting hours, etc.)



Employee protection

Protect nursing staff when dealing with aggressive patients through automatic, locatable alarms (e.g., in psychiatry, forensic medicine, or geriatrics)



Medical devices and sensors

Distribution of alarm information from medical devices and fall detection sensors to the mobile devices of the responsible caregivers



Consumer goods logistics

Forward information from level and inventory sensors to the appropriate personnel to optimize inventory planning



Facility Management and Equipment Maintenance

Many professionals who do not work directly with patients ensure that the organization's operations run smoothly and efficiently. DAKS effectively deploys these professionals to a wide variety of tasks, thereby helping to prevent absences and optimize building security.



Air conditioning and ventilation systems

Forward fault reports or maintenance requests to service technicians



Elevators

Forward faults to service technicians; conveniently comply with the German Ordinance on Industrial Safety and Health and DIN-EN 81 using a self-checking elevator emergency call system





Cleaning and housekeeping

Request the desired number of cleaning staff at the touch of a button; organize automated team briefings (e.g., morning call) and on-call shifts



Fire Alarm Systems

Forward fault reports to service technicians, trigger silent fire alarms and initiate an orderly evacuation, prevent costly false alarms



Protection against break-ins

Forward alerts from window/door contacts (e.g., emergency doors) to security personnel; forward alerts from video surveillance to security personnel



Energy management

Forward status messages and alerts to technicians



Maintenance by outside contractors

Ensure people's safety in hazardous areas with an internal emergency call system and smartphone alerts; alert security personnel when people leave authorized areas



How can DAKS® help you?
Tell us about your use cases...

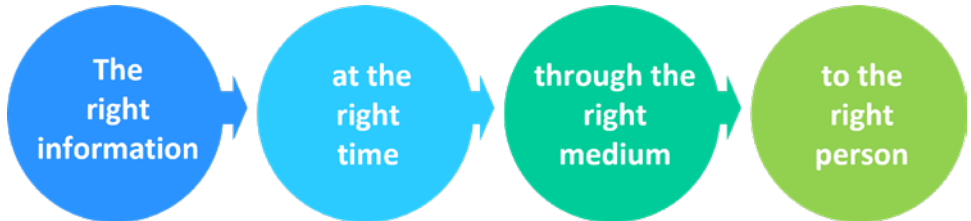


Remote patient monitoring

Forward alarms from portable medical devices (e.g., heart monitors) to the appropriate doctors and emergency services



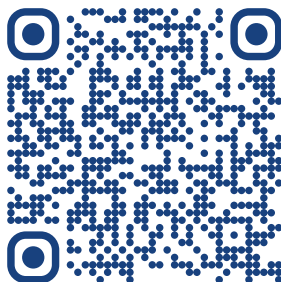
The DAKS[®] Principle



In hospitals, where emergencies are part of daily routine, DAKS is used particularly extensively. With its targeted and reliable alerting logic, DAKS not only automates, accelerates, and optimizes emergency procedures but also everyday workflows, such as those in nursing. DAKS seamlessly integrates with existing infrastructure and connects not only alarm and nurse call systems but also, for example, IoT systems and building automation.

DAKS is used in nearly every industry for a wide variety of applications – in crisis situations, for emergency drills, and in day-to-day operations.

Discover detailed application examples
from various industries
at www.tetronik.com



DAKS® ...

protects staff in dangerous situations and at key contact points

reduces the workload on staff through **automated processes** and optimized **workflows**

alerts specific staff with various required **qualifications**

facilitates coordination and organization in **complex processes** and **scenarios**

reduces response times
and improves the quality of care

increases efficiency
and optimizes capacity utilization

strengthens digital sovereignty through data ownership and security

enables customized connectivity solutions thanks to its **high level of integration**

increases resilience through robust systems and reliable **long-term stability**

supports drills for testing, evaluating, and mastering key processes



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Reliable alerting, informing and communicating

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