

DAKSpro V9.1x

Powerful system for flexible alerting and communication solutions



Optimize processes and automate communication

DAKSpro reliably distributes information and alerts in connection with emergency calls, malfunctions and other triggers.

DAKSpro supports efficient crisis communication as well as everyday business processes.

Flexibly combine and integrate

With a wide range of functions, applications and extensions, DAKSpro allows the implementation of individual and highly complex scenarios.

DAKSpro can be used in combination with a wide variety of technical environments, systems, communication platforms and terminal devices.

For more information on our products please contact our sales team or find a certified specialist partner near you at: www.tetronik.com

DAKSpro

Typical Areas of Use



Hospitals, nursing homes



Industry, trade



Authorities, administrations



Utility industry



Hotels, organizers



Banks and financial service providers



Airports and public transport



Fire depts, police and disaster management



... because it's about responsibility!

Combine As Needed

Applications

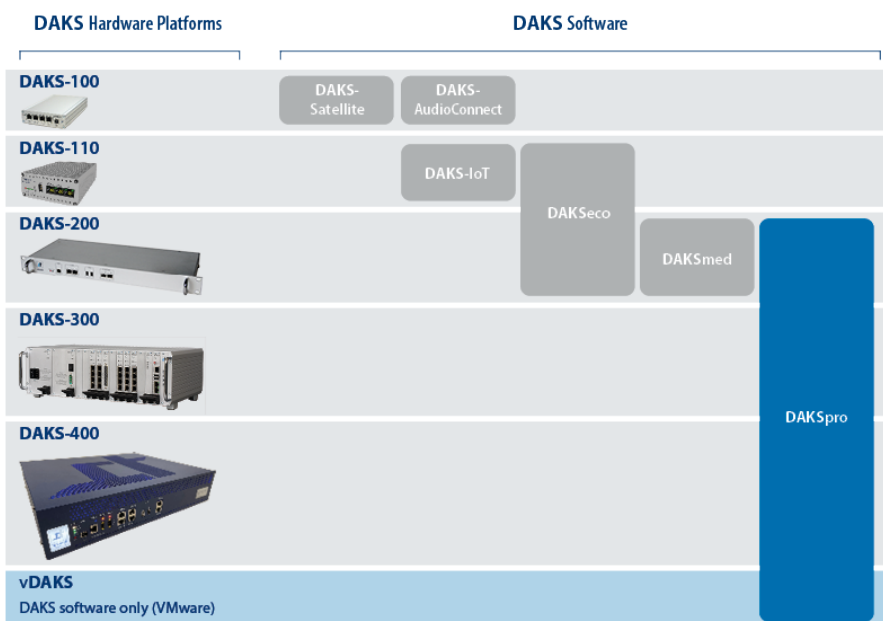
 <p>Broadcasts/ Alerting</p> <p>Targeted alerts and notifications using various media and devices</p>	 <p>Conferencing</p> <p>Decide as a team and be better informed on arrival to help on site</p>	 <p>Call Profiles</p> <p>Reliable and fast access anywhere through personal / group calls</p>
 <p>Personal Security</p> <p>Protect your employees and lone workers at high-risk workstations</p>	 <p>On-Call Management</p> <p>Organize your standby and on-call duty easily, reliably and without gaps</p>	 <p>Info Telephone</p> <p>Notify large groups in parallel using current announcements</p>
 <p>Intelligent Calling</p> <p>Filter calls using a "whitelist" for differentiated handling</p>	 <p>Notifier-Pro</p> <p>Multiplatform messaging: convenient, reliable, flexible</p>	 <p>Gateway</p> <p>Enable calls between diverse communication networks</p>

Expansions

 <p>DAKS Positioning Services (DPS)</p> <p>Use DAKS for tracking via DECT and WLAN</p>	 <p>DAKS Customized Operator (DCO)</p> <p>Customized user interfaces for complex scenarios</p>
 <p>DAKS Mobile Client (DMC)</p> <p>Integrate alerting processes via app on smartphones</p>	 <p>DAKS Desktop Client (DDC)</p> <p>Protect your employees at public workplaces with threat potential</p>
 <p>Mail-to-Phone</p> <p>Send emails from anywhere to users / groups with different devices</p>	 <p>DAKS-IoT</p> <p>Integrate the IoT world and control DAKS processes precisely with Node-RED</p>

... and many more.

DAKS® Product Variants and Platforms



DAKSpro 200 alarm server platform:

- 5 to 30 telephony/messaging channels
- 2 serial ports + expandable I/O contacts

DAKSpro 300 alarm server platform:

- 5 to 480 telephony/messaging channels
- Up to 8 serial ports + expandable I/O contacts
- Optional: hardware monitoring card

DAKSpro 400 alarm server platform:

- 5 to 500 telephony/messaging channels
- 4 serial ports + expandable I/O contacts and other interfaces
- State-of-the-art processor architecture
- Maximum data security and functional security

DAKSpro as vDAKS

- DAKS software as an integration solution in virtual operator environments

General Functions (cross-application)

Wide-ranging media support

- ✔ Notifies and informs with display texts and text messages (SMS, emails and messaging platforms)
- ✔ Communicates with telephones (stationary, mobile, DECT, WLAN), pagers, PA couplers, *DAKS Mobile Clients* for iOS and Android
- ✔ When equipped with multi-client capability: support of up to 100 user groups with individual subscribers, groups and resources
- ✔ Convenient Windows user interfaces: With *DAKS Customized Operator*, customized graphic user interfaces with multiple hierarchy levels are possible, e.g. site maps

Fully scalable

- ✔ Up to 20,000 subscribers with user / end device details (up to 4 communications destinations each)
- ✔ Up to 2,000 call profiles with two call phases and up to 20 destination numbers per call phase with the module 'Call Profiles'
- ✔ Priority modes: Always have capacity for alarm communication in emergency situations despite using the system for everyday routine operation
- ✔ 5 to 500-channel link-up to various telecommunications systems and networks: ISDN or VoIP trunking (also encrypted)
- ✔ A DAKSpro cluster can consist of two active DAKS alarm servers (load-sharing) and two assigned redundancy servers for backup (hot standby)
- ✔ Integrates into the most heterogeneous ICT environments and connects serially/via LAN (TCP/IP) with the widest variety of host systems

Individually configurable

- ✔ Accepts error messages from external sensors (e.g. contact inputs indicating temperature/level too high/low) and activates the right alarm processes
- ✔ Signals process/system states via external actuators (contact outputs to signal transmitters)
- ✔ Supports special alarm/emergency functions, e.g. emergency call signaling, forced release, emergency conferences
- ✔ Accepts calls, calls subscribers directly, joins them in bilateral calls/conferences, thru-connects audio sources, outputs audio signals
- ✔ Informs users with up to 1,000 predefined or ad hoc voice messages (e.g. recorded over the phone/generated in different languages through text-to-voice conversion)
- ✔ Calls destinations based on the logon status (on/off duty) and the time of the day/day of the week (holiday assessment)

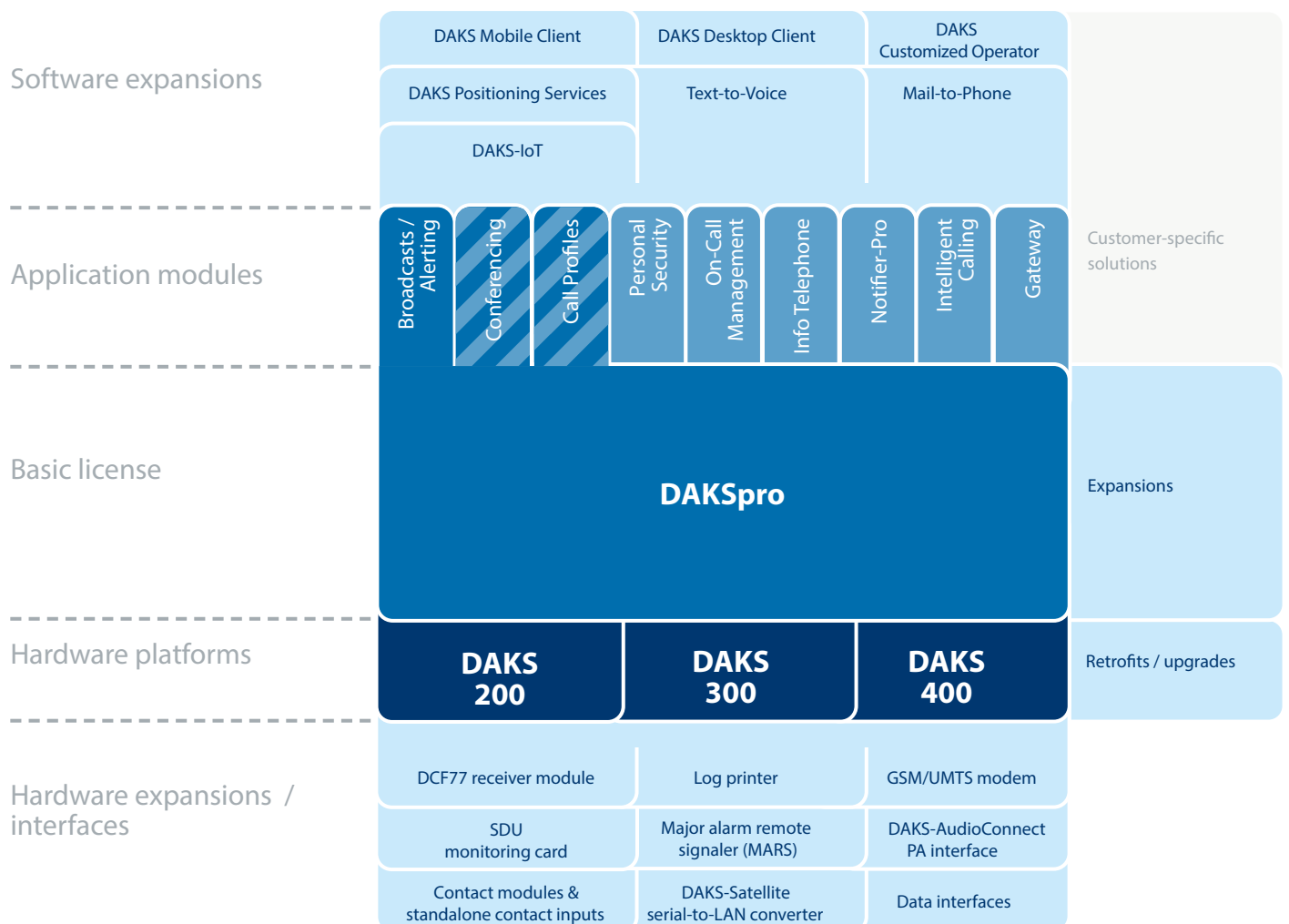


Fig.: The DAKSpro modular concept: In addition to the application modules included in the basic license, a large number of other modules are also available.

The Answer Is DAKSpro

You need reliability

Tried and tested quality

You can depend on highest quality "Made in Germany": Development (hardware and software), manufacturing, consulting and support – all under the same roof and from the top one-stop solutions specialist for alarms and crisis communications.

Rely on thousands of top-class references: DAKS is used in thousands of applications worldwide for ideal alarm communication in emergencies, crises and catastrophes.

Secure system

The robust, proven and sophisticated system architecture is continuously advanced and perfectly adapted to new conditions.

The optimized, hardened operating system provides a high level of security.

Superior availability

The possibility to separate process workflows with backup/emergency operation when faced with a partial failure of the system or network adds highest availability to your DAKSpro system and makes it failsafe.

Select the best possible location for your server or your backup servers, e.g. a protected data center.

You want convenience

Many areas of application

Use DAKSpro for alerting and conferencing applications in a variety of different sectors, e.g. industry, healthcare, banks, insurances, public authorities, transportation, schools, universities and many more.

Optimum customization

Choose between three powerful hardware platforms or a VMware variant for an ideal adaption to your specific requirements, as well as PBXs, carrier networks or soft switches to be connected.

Modular structure

Individually configurable: Mix and match by choosing from a broad spectrum of modular applications and expansions for the best implementation of your requirements

Expand the scope of applications and optimize a wide variety of processes and workflows by installing additional functional modules later.

You want to save costs

High cost-effectiveness

Benefit from optimized total cost of ownership and very long service life.

Save expensive downtime or failure costs by ensuring superior availability.

Protect your investment

Integrate DAKSpro smoothly into Unified Communications scenarios – and keep using your already existing systems and installation.

Service and consulting

Take advantage of our extensive partner network with certified service and support partners close to you.