DAKSpro V9.1x

Powerful system for flexible alerting and communication solutions

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

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**

DAKS®

... because it's about **responsibility!**
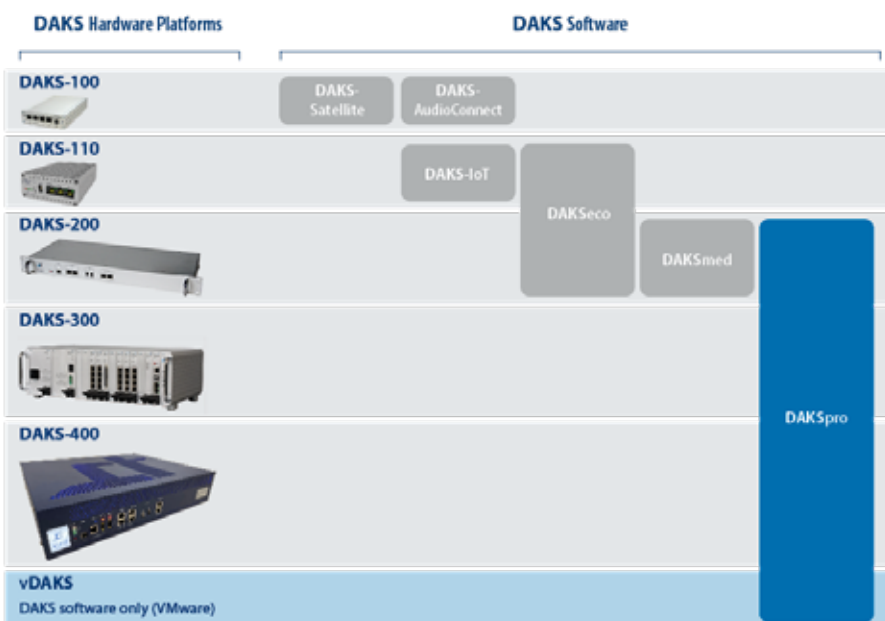
Combine As Needed

Applications

Broadcasts/ Alerting
Targeted alerts and notifications using various media and devices

Conferencing
Decide as a team and be better informed on arrival to help on site

Call Profiles
Reliable and fast access anywhere through personal / group calls

Personal Security
Protect your employees and lone workers at high-risk workstations

On-Call Management
Organize your standby and on-call duty easily, reliably and without gaps

Info Telephone
Notify large groups in parallel using current announcements

Intelligent Calling
Filter calls using a "whitelist" for differentiated handling

Notifier-Pro
Multiplatform messaging: convenient, reliable, flexible

Gateway
Enable calls between diverse communication networks

Expansions

DAKS Positioning Services (DPS)
Use DAKS for tracking via DECT and WLAN

DAKS Customized Operator (DCO)
Customized user interfaces for complex scenarios

DAKS Mobile Client (DMC)
Integrate alerting processes via app on smartphones

DAKS Desktop Client (DDC)
Protect your employees at public workplaces with threat potential

Mail-to-Phone
Send emails from anywhere to users / groups with different devices

DAKS-IoT
Integrate the IoT world and control DAKS processes precisely with Node-RED

... and many more.

Product Variants

DAKS Hardware Platforms

- DAKS-100
- DAKS-110
- DAKS-200
- DAKS-300
- DAKS-400
- vDAKS — DAKS software only (VMware)

DAKS Software

- DAKS-Satellite
- DAKS-AudioConnect
- DAKS-IoT
- DAKSeco
- DAKSmed
- DAKSpro

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)

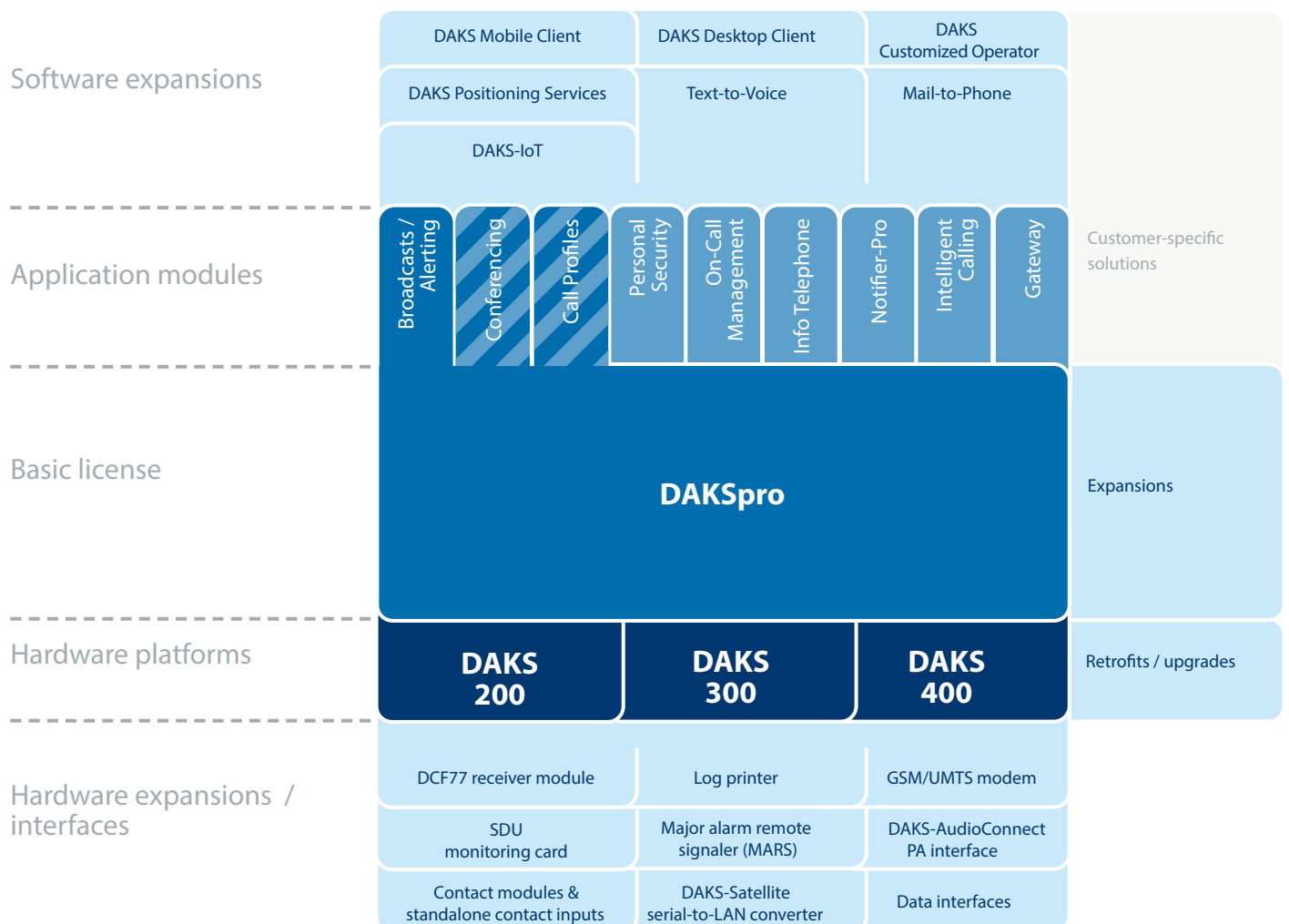|			
Software expansions	DAKS Mobile Client	DAKS Desktop Client	DAKS Customized Operator
	DAKS Positioning Services	Text-to-Voice	Mail-to-Phone
	DAKS-IoT		
Application modules	Broadcasts / Alerting · Conferencing · Call Profiles · Personal Security · On-Call Management · Info Telephone · Notifer-Pro · Intelligent Calling · Gateway		Customer-specific solutions
Basic license	**DAKSpro**		Expansions
Hardware platforms	DAKS 200 · DAKS 300 · DAKS 400		Retrofits / upgrades
Hardware expansions / interfaces	DCF77 receiver module	Log printer	GSM/UMTS modem
	SDU monitoring card	Major alarm remote signaler (MARS)	DAKS-AudioConnect PA interface
	Contact modules & standalone contact inputs	DAKS-Satellite serial-to-LAN converter	Data interfaces

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 severs, 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.