ASSA ABLOY

Kadex™

One system for connected care, built to scale

Designed to fit naturally into your care ecosystem

Care environments are under constant pressure. More systems. More alarms. More data. Less time.

We designed Kadex to support evolving care models, growing organizations, and long-term digital strategies.

Kadex brings order to complexity by connecting what already exists into one scalable care infrastructure – so staff can focus on people, not platforms.

- **Connects nurse call, alarms, location, access, and room functions.**
- **Reduces complexity without replacing existing platforms.**
- **Scales easily from single sites to multi-site care organizations.**
- **Supports faster response and more efficient workflows.**
- **Gives care teams more time for people, not systems.**

Designed around people, roles, and workflows

We often describe Kadex as a flexible "building block" system. You design the solution you need today and adapt it over time as care requirements change.

Care staff interact with Kadex through intuitive interfaces on smartphones and other devices, supporting alarm handling, location awareness, access control, and room functions in daily work.

Administrators and technical staff manage Kadex centrally through web-based tools, configuring rooms, devices, care profiles, and workflows with graphical, remote configuration. Wireless, movable peripherals simplify adapting spaces without complex installation work.

User roles can be clearly defined, ensuring care staff, technical administrators, and partners access the functions and information relevant to their responsibilities.

Creating value for everyone involved

Residents
Calm, safe, and protected in a setting where help is coordinated and timely.

Care staff
Empowered and in control, with clear alarms and smarter workflows.

Organization
More efficient and resilient operations, with improved quality, and scalability.

Partners
Building value together through seamless integration.

What Kadex™ enables in daily care

- Staff safety and resident security
- Real-time location tracking for residents and staff
- Wander management
- Integrated access control
- In-bed and out-of-bed detection
- Inactivity monitoring
- Fall detection and prevention

How it works

Kadex is a modular middleware system for interoperable care environments of all types. It integrates seamlessly with existing care infrastructures and management systems, allowing you to focus on people and care delivery rather than technology.
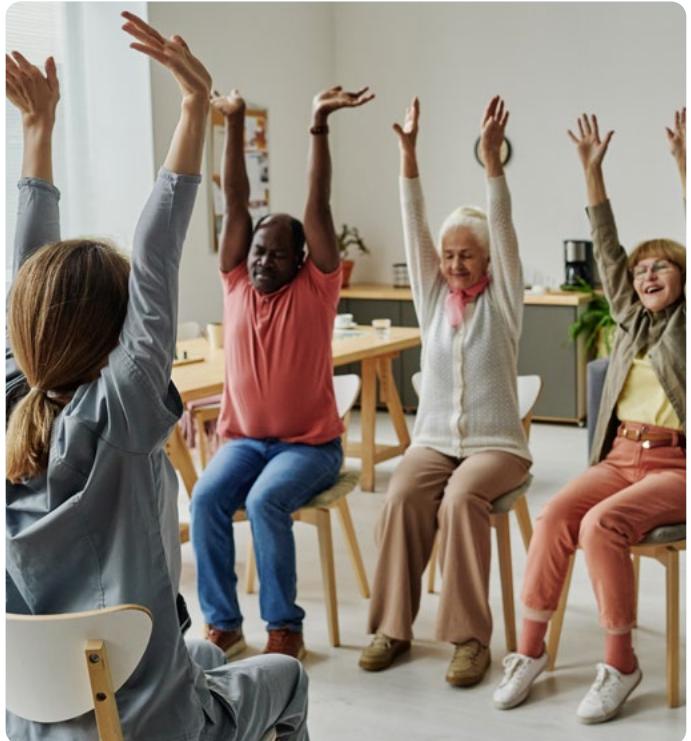
Using open and well-defined APIs, Kadex operates beneath your organization's own management or administrative "top layer." It integrates with electronic health records, fire and emergency systems, resource planning tools, and other well-known platforms, while managing sensory alarms, manual controls, location-based services, and access control at infrastructure level by a designated operator.

Interoperability built in from the start

Care institutions depend on multiple digital systems to coordinate safe and timely responses.

Kadex ensures that alarms, location data, and system events flow seamlessly between systems and teams, supporting coordinated action rather than fragmented responses.

Open APIs allow alarm events, location data, and system status to be shared securely with external systems. This approach gives you freedom of choice today and flexibility for tomorrow.

Built for partners, delivered through partners

Kadex is available exclusively through specialized partners.

Our partners design, implement, and maintain complete end-user solutions using Kadex as the core care technology platform. They integrate third-party systems, deliver installation and services, and provide first- and second-line support, while retaining full ownership of customer relationships.

Pay-per-use licensing, centralized management, and scalable infrastructure allow partners to grow efficiently, from single sites to large multi-site organizations, without increasing complexity.

Are you ready for the future of care? We know Kadex™ is!

Care models are evolving toward more preventative, connected, and data-driven approaches. Kadex is designed to evolve with them.

With built-in APIs, modular functionality, and scalable deployment models, Kadex supports growth without requiring full system replacement. It scales from home care and individual care homes to large, multi-site organizations.

While predictive care and advanced analytics are future-focused, Kadex already captures structured event and activity data that forms a strong foundation for these next steps.

Location services and data insights with Kadex™

Real-time location intelligence

Kadex uses real-time location services (RTLS) to support safer, more flexible care environments, both indoors and outdoors.

Indoors and outdoors

The transitions between indoor and outdoor areas are seamless, with GPS automatically switching off indoors to preserve battery life.

Indoors, location can be combined with access control and door functions to enable automatic, role-based workflows. Doors unlock when and where needed, with different day and night settings supporting calm, secure environments.

Outdoors, Kadex supports freedom zones or living circles that allow residents to move safely within defined areas. When a zone is left, Kadex triggers an event or notification, enabling proactive support without restricting freedom.

**From data to insight
that supports care**

Meaningful insights

Kadex captures location, alarm, and event data as structured information directly within the care environment. This provides a clear view of daily routines, movements, and interactions, helping care teams and organizations understand what is happening and recognize changes early.

Because Kadex is designed as a middleware and workflow layer, data is not locked inside the system. It can be accessed and combined with other data sources to support safer care, better planning, and more efficient use of staff and shared resources.
Kadex is not an AI system today, but it provides the reliable data foundation needed for future analytics, automation, and more proactive care processes.

Shaping smarter, safer and more connected care

We provide integrated technology solutions that make care safer, more reliable, and easier to manage. Our unified platform connects access control with nurse call and real-time location services (RTLS), to support caregivers and enhance quality of life for residents and patients. As part of ASSA ABLOY Global Solutions, we combine global reach with Scandinavian welfare expertise to deliver secure, scalable care technology for independent living, care homes, and hospitals worldwide.

Contact

Experience a safer
and more open world

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