



Hospitals have unique needs. We have the solutions.

When they say “stat,” they mean “stat.”

Because many hospitals have a variety of departments located on different floors (and sometimes in different buildings) they have a unique set of transportation needs. Staff members need to get where they’re going quickly to provide urgent care, so they require priority service, privacy and security. Surgical patients

should have exclusive access to an elevator so their journey is private and peaceful. And for sanitary reasons, staff members handling linens and materials should be assigned to an elevator separate from patients and visitors to avoid any possible exposure. That’s where AGILE comes in.

Contact

Elevator Technology

thyssenkrupp Elevator Corporation
2591 Dallas Parkway, Suite 600
Frisco, TX 75034
P: +1 844 427 5461
www.thyssenkruppelevator.com

thyssenkrupp’s Elevator Technology Americas business area is an industry-leading passenger transportation systems group. With more than 13,500 highly skilled employees, Elevator Technology offers innovative and energy efficient products designed to meet customers’ unique requirements. It offers passenger and freight elevators, escalators and moving walks, plus tailored service solutions for all products. More than 200 locations in the Americas provide an extensive sales and service network to guarantee proximity and convenience to customers.

Because every second counts.

Greater efficiency for transporting patients and hospital staff.

Once passengers make a selection on the user-friendly display, they're directed to a specific elevator and arrive at their destination faster.

Emergency response with a single swipe.

In an emergency situation, hospital staff can activate "Code Blue" with a single card swipe – immediately capturing the elevator for exclusive access and operation. After use, the elevator resumes normal operation.

Easy-to-use, customizable kiosks.

Hospital management can add custom button labels and logos to improve the passenger experience and make it easier to find and get to their destination.

Improved patient and visitor experience.

Innovative technology will impress patients and visitors, get them to their destination faster and enable the hospital to greet people with personalized messaging.

Greater control for exclusive access.

Hospital management can restrict elevator cars for medical staff – helping them get to the ICU, operating rooms, nursery and other restricted areas.

Easy integration with existing security systems.

AGILE – Security Access works with existing security systems or can function as a stand alone system, via third-party card readers (inside or outside the car) or a password or PIN.

Smarter elevator management.

Hospital management can assign specific elevator cars (or groups of cars) for hospital staff members only – overriding other elevator calls.

Reduced energy expenses.

Analyzing elevator traffic patterns enables hospital management to control elevator usage and save on electricity and energy bills.

Improved access for medical conferences and events.

For more efficient food service, hospital management can control exclusive access to the kitchens, meeting rooms or conference center.



Elevator Technology

AGILE for hotels



thyssenkrupp



Our solution – more innovative than ever. Your guests – more satisfied than ever.

Turning elevators into distinctive amenities.

In a hotel, elevators are vitally important to both guests and staff alike. They transport guests to their rooms for a restful night and take them down to the lobby so they can get started on their day. And hotel staff is always on the go – meeting every guest's needs, day or night.

Housekeeping needs to move quickly during hours of room turnover, ensuring that rooms are clean and ready for the next wave of guests. Plus, for sanitary

reasons, it's best that they ride elevators separately from guests when transporting dirty linens and trash. Maintenance personnel have to get to their destinations as fast as possible to make repairs and replace important items. Wait staff need to deliver room service requests rapidly, to ensure that food is served at the proper temperature. For all these reasons, hotels clearly can benefit by having specific elevators designated for specific functions. That's where AGILE comes in.

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Next-level guest service.

Greater efficiency for transporting guests and hotel staff.

Once passengers make a selection on the user-friendly display, they're directed to a specific elevator and arrive at their destination faster.

Easy-to-use, customizable kiosks.

Hotel management can add custom button labels and logos to improve the passenger experience and make it easier to find and get to their destination.

Improved guest experience.

Innovative technology will impress guests, get them to their destination faster and enable management to greet guests with personalized messaging.

Greater control for exclusive access.

Management can restrict elevator cars for hotel staff – speeding up room turnover and expediting baggage delivery, room service and maintenance requests.

Easy integration with existing security systems.

AGILE – Security Access works with existing security systems or can function as a stand alone system, operated via a third-party card reader (inside or outside the car) or a password or PIN.

Smarter elevator management.

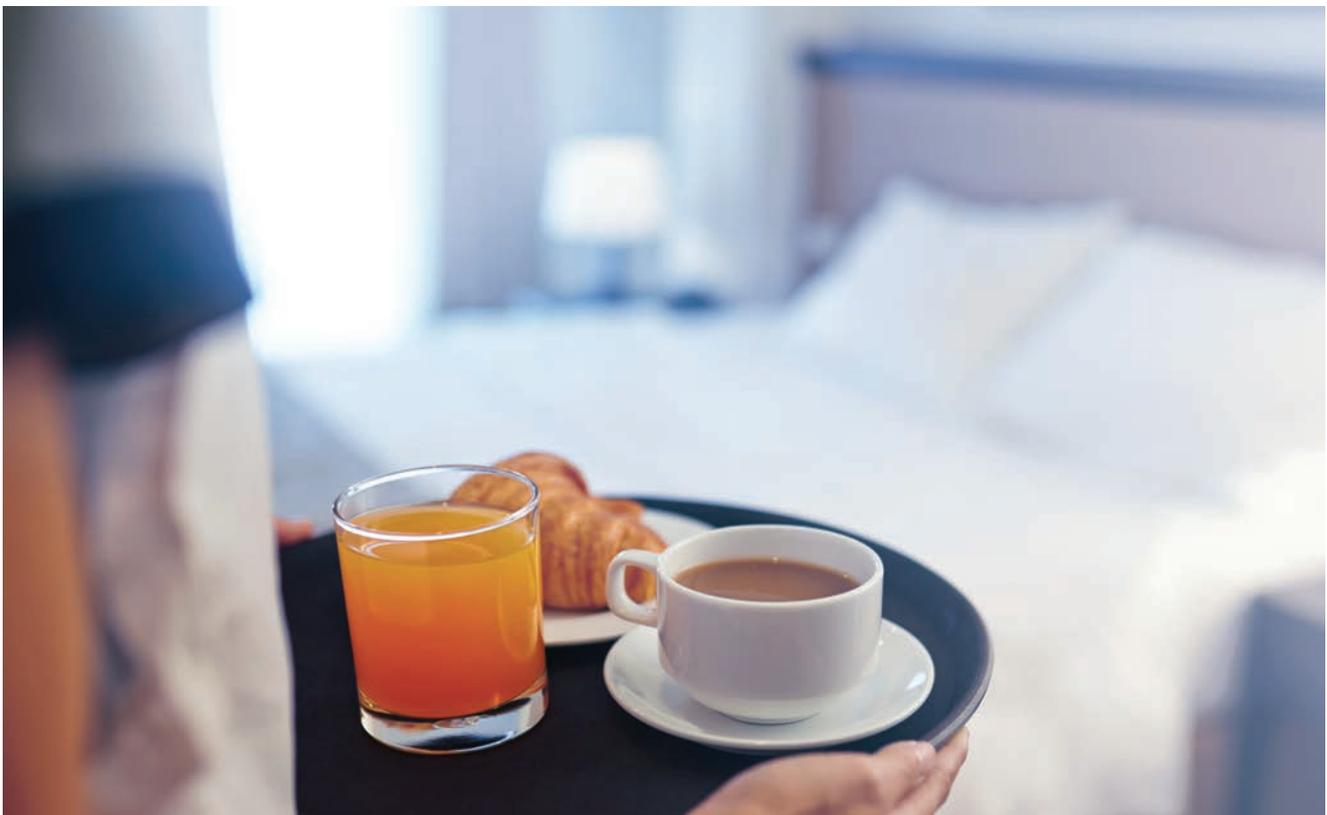
Hotel management can assign specific elevator cars (or groups of cars) for staff only – overriding guest elevator calls.

Reduced energy expenses.

Analyzing traffic patterns enables management to control elevator usage and save on electricity and energy bills.

Improved access for special events.

For more efficient catering service, management can control exclusive access so staff can shuttle between kitchens and ballrooms, meeting rooms, restaurants or the conference center.



Elevator Technology

AGILE for office buildings



thyssenkrupp



More efficient. More productive.

One of the most powerful office tools isn't at a desk.

An office is only as productive as the people who work in it. And it all begins by getting those people to and from their workspaces as quickly as possible. One way to help accomplish this is by increasing the efficiency of the building's

elevators. By intelligently grouping people who are traveling to similar floors – they can get to their destinations faster and then get to work. That's where AGILE comes in.

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Upgrading the 24/7 workplace.

Greater efficiency for transporting tenants and visitors.

Once passengers make a selection on the user-friendly display, they're directed to a specific elevator and arrive at their destination faster.

Easy-to-use, customizable kiosks.

Building management can add custom button labels and logos to improve the passenger experience and make it easier to find and get to their destination.

Improved tenant/visitor experience.

Innovative technology will impress tenants and visitors, get them to their destination faster and enable management to greet people with personalized messaging.

Greater control for exclusive access.

Management can designate elevator cars for specific tenants, especially those who pay a premium for space on the top floors, as well as building representatives and leasing agents.

Easy integration with existing security systems.

AGILE – Security Access works with existing security systems or can function as a stand alone system, operated via third-party card reader (inside or outside the car) or a password or PIN.

Smarter elevator management.

Building management can assign specific elevator cars (or groups of cars) for staff only – overriding other elevator calls.

Reduced energy expenses.

Analyzing traffic patterns enables management to control elevator usage and save on electricity and energy bills.

Easier move-in and move-out.

Building management can assign specific elevator cars (or groups of cars) to work only between tenant floors and the ground floor while moving.



Elevator Technology

AGILE for residential buildings



thyssenkrupp



Residents want to live in their homes. Not in the lobby.

The ultimate solution for the ultimate destination.

As the saying goes: "There's no place like home." Residents want and need a quick ride upstairs. To keep residents happy, building owners can take steps to increase the efficiency of their elevators.

By implementing a system that intelligently groups together people traveling to similar floors (or offer VIP service), those passengers will get to their destinations faster. That's where AGILE comes in.

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It's all about getting home faster.

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Building management can assign specific elevator cars (or groups of cars) for building staff only – overriding other elevator calls.

Reduced energy expenses.

Analyzing traffic patterns enables building management to control elevator usage and save on electricity and energy bills.

Easier move-in and move-out.

Building management can assign specific elevator cars (or groups of cars) to work only between tenant floors and the ground floor while moving.



Elevator controller

TAC32T slim



thyssenkrupp



A compact and feature-rich digital controller

thyssenkrupp Elevator's new TAC32T slim controller is easily installed in a wall jamb or controller closet in required jurisdictions. It's reduced in size but maintains the reliability, safety and efficiency of our existing TAC32T controller.

The TAC32T slim uses SIL3-rated safety electronics to replace traditional electromechanical safety devices. It allows the elevator to operate quietly and more reliably. The controller's accessibility makes it easy to maintain and adjust.

A regenerative drive, which comes standard, captures unused energy and feeds it back into your building grid. It includes an automatic rescue system to transport passengers to the next available floor during a power failure.

The controller's absolute positioning system precisely measures speed and positioning to ensure accurate floor leveling and passenger safety.



Performance



Safety



Code



Aesthetics



Sustainability

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Energy efficient

- Meets ISO 25745 Class A energy efficiency rating
- Fully regenerative drive – feeds power back into the building grid
- Controller standby power – reduces the power consumption when the elevator is not used
- Auto fan-light shutdown – powers off the fan and light when not in use

Standard features

- Electronic auto-rescue
- Solid state brake controls
- 100% digital controls, making it the quietest MRL controller
- Nonproprietary user interface tool (UIT) provides unrestricted access for on-board adjusting and troubleshooting, keeping troubleshooting calls short
- Does not require a control closet unless local jurisdictions require it. Controller can fit inside an 8-inch door jamb located on the top landing
- Serviceability is easier because all drive adjustments can be performed using the intelligent management system (IMS) or UIT at top landing access panel

Quick installation

- Identical controller platform across all product lines
- Field wiring easily interfaces into one main control panel with intuitive color-coded connectors and micro-wiring instructions
- Simplified hall fixture wiring uses modular pluggable cable
- Universal remote I/O car boards provide 16 discrete I/O with the option to add more

Applications

Low- and mid-rise buildings

Configuration

Simplex, duplex or group operation

Compliance

- ASME A17.1 code
- IEEE 519 compliant
- ETL certified to ASME A17.5-2014/CSA B44.1-14; thyssenkrupp Elevator Health, Safety, and Environment Guideline; and ISO 25745-2:2015 rating

Specifications

In-wall controller style	TAC32T slim. Used for evolution 200 and synergy building supported – performance series only
Maximum car speed	600 fpm (3 m/s)
Maximum travel	350 ft (107 m)
Motor control type	Regenerative fully digital VVVF
Positioning system	Sensing of car position performed by an absolute position system, which consists of an encoded tape that stretches the length of the hoistway and a dual sensor mounted on the car that reads the tape. Interfaces for the absolute position system will be provided.
Diagnostics and adjustment tools	UIT/IMS laptop
Environment	Operating temperature 32° – 104°F (0° – 40°C)
Standard enclosure	84" (2134 mm) tall and fits in an 8" (203 mm) wall jamb. Also, available in control closet version: 27.07" (688 mm) wide, 12.80" (325 mm) deep, 84.79" (2154 mm) high
Power supply	208V, 240V, 480V ±10% nominal voltage, 50–60 Hz, three-phase
Optional features	<ul style="list-style-type: none"> • AGILE – Destination Controls • AGILE – Design Center • AGILE – Security Access • AGILE – Management Center • Code Blue • Hospital Emergency Service • Infant Security • Emergency Power • Tenant Security



For more information, visit <http://www.thyssenkruppelevator.com> or contact your sales representative.

Elevator Technology

evolution 200 for hotels



thyssenkrupp



Don't compromise. Choose evolution 200.

We've engineered the ideal elevator for mid-rise hotels.

In hotels, guests often complain about slow and noisy elevators. With evolution 200, you can prevent these negative experiences. evolution 200 is the industry's quietest mid-rise MRL elevator, and the simple design means low maintenance and high uptime. It's also the first mid-rise elevator that doesn't make you choose between size and speed. You can finally have a 5000-pound capacity elevator that travels 600 feet per minute and doesn't require a machine room.

With evolution 200, you also get special features like regenerative drives and auto-rescue without paying extra. And since it has up to a 1500-pound cab weight allowance, depending on capacity and speed, you can choose heavy cab finishes like marble to extend your lobby design into your elevator.

Boost your hotel security by adding AGILE, our elevator enhancers. AGILE offers four intelligent elements that improve your elevator's security, efficiency and aesthetics.

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engineering.tomorrow.together.

evolution 200 was developed for you

Easy installation

The installation process is hassle-free. No crane is required, there's less coordination and literally everything fits into the hoistway.

Rail-supported

This elevator is supported entirely by its guide rails, rather than your building.

Belts and small sheaves

evolution 200 uses belts. Belts bend better than steel ropes, so sheaves are smaller.

Gearless system

Improves ride quality while increasing energy efficiency.

Machines

Our machines transport elevators up to 600 feet per minute. There's no machine room, so you have more leasable building space.

Controller

Fits into a tiny 8-inch door jamb and is fully digital. Because there aren't loud mechanical contacts, evolution 200 is extremely quiet.

Regenerative drive

Captures unused energy and feeds it back into your building grid. This comes standard in evolution 200.

Absolute positioning system

Precisely measures your elevator's speed and positioning. This promotes accurate floor stopping, helping ensure passenger safety.

Auto-rescue

Electronic auto-rescue of trapped passengers comes standard.

Overhead and pit

These are smaller, giving you more leasable building space.

LED lights

These come standard. You won't have to change your light bulbs for decades.

MAX

Our real-time elevator monitoring solution improves ride efficiency and alerts technicians to potential problems before they happen. It comes standard with evolution 200.



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Elevator Technology

evolution 200 for hospitals



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Don't compromise. Choose evolution 200.

We've engineered the ideal elevator for hospitals.

Hospital elevators should be fast, reliable and large. This makes evolution 200 the ideal solution for your hospital. It's the industry's first mid-rise elevator that doesn't make you choose between size and speed. You can finally have a 5000-pound capacity MRL elevator that travels 600 feet per minute, helping transport more patients and staff to their destinations.

The simple design of evolution 200 means low maintenance and high uptime, plus you get special features like regenerative drives and auto-rescue without paying extra. Hospitals also benefit from adding AGILE, our elevator enhancers. AGILE offers four intelligent elements that improve your elevator's efficiency, aesthetics and security. It also lets you designate elevator cars for specific functions and staff, transporting them to their destination quicker.

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evolution 200 for residential



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Don't compromise. Choose evolution 200.

We've engineered the ideal elevator for mid-rise residential buildings.

Tenants expect elevators to be quiet, reliable and safe. This makes evolution 200 the ideal solution for your mid-rise building. It's the industry's quietest mid-rise MRL elevator, and the simple design means low maintenance and high uptime. It's also the first mid-rise elevator that doesn't make you choose between size and speed. You finally can have a 5000-pound capacity elevator that travels 600 feet per minute and doesn't require a machine room.

With evolution 200, you also get special features like regenerative drives and auto-rescue without paying extra. And since it has up to a 1500-pound cab weight allowance, depending on capacity and speed, you can choose heavy cab finishes like marble.

Boost your building security by adding AGILE, our elevator enhancers. AGILE offers four intelligent elements that improve your elevator's security, efficiency and aesthetics.

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We've engineered the ideal elevator for mid-rise offices.

Workers need to get around quickly. And an impressive office lobby design shouldn't have to end at your elevator door. This makes evolution 200 the ideal solution for your office. With evolution 200, you finally have a mid-rise elevator that doesn't require compromises in performance or design. You can have a 5000-pound capacity MRL elevator that travels 600 feet per minute, transporting more workers to their destinations faster.

Because it has up to a 1500-pound cab weight allowance, depending on capacity and speed, you can choose heavy cab features like marble to extend your lobby design into your elevator. You also get special features like regenerative drives and auto-rescue without paying extra.

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