


# EDOX

TKE MOVE BEYOND



DELIVERING  
THE FUTURE  
OF MOBILITY

The background of the entire page is a high-angle, grayscale photograph of an elevator shaft. The shaft's metal frame, including the rails and support beams, is visible. Overlaid on this image are various digital and data-themed graphics. On the left side, there is a vertical column of small squares in shades of orange, red, and purple. In the center and right, there are white circular lines, some resembling orbits or data paths. There are also several circular icons: a person icon, a star icon, and a gear icon. A bar chart is visible in the background on the left. The overall aesthetic is modern, technical, and digital.

# EOX

Introducing EOX, the eco-efficient and digitally native elevator that adds value to your buildings.

Illustrations and images in this brochure may differ from the installed product. Consult your local representative for more information.



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# ELEVATED OPERATING EXPERIENCE

EOX is uniquely engineered to meet the demands of buildings with up to 100 ft. of rise, including space-saving design, advanced technologies, reduced lead times and it has been optimized to fit most budgets.

## E

**E-Elevated** EOX comes standard with advanced traffic pattern ‘learning’ and digital services that increase uptime, extend product lifespan and improve the customer experience. Once installed, it reduces your carbon footprint and energy consumption by 45%.

## O

**O-Operating** It is a product of German engineering and North American assembly. It is designed to be available, affordable and simpler to install. EOX safeguards budgets and construction timelines.

## X

**X-Experience** From specifying to installation to support, EOX has been designed to improve the overall customer experience for building managers and tenants. Backed by the largest service network in North America, it makes your complex world a little easier to manage.

With EOX you move beyond what’s expected.

# EVERYTHING YOU NEED AND MORE THAN YOU EXPECT

EOX is a reliable, everyday elevator that keeps your buildings in motion, the kind you have come to expect from us. But this low-to mid-rise product is smarter, more efficient, more affordable, simpler to deliver and easier to install.

## Smarter because it is digitally native

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- MAX
- AGILE Mobile
- Digital infotainment screen
- 24/7 remote monitoring  
(Available with MAX packages)

## Reliability you have come to expect

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- Safe and code compliant
- High level of quality
- Assembled in the USA
- Short lead time
- Backed by 70+ years of experience

## Features that bring benefits

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- Cost-effective
- Smooth and quiet ride
- Space saving — controller is in the door jamb

## A sustainable choice

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- Standard regenerative drive
- Standard sleep, standby and eco modes
- Low carbon footprint
- Engineered and manufactured by industry sustainability leader

\*Elevator not currently sold in New York City





# REMARKABLE RIDE QUALITY

EOX moves you comfortably to your destination.

Even the most casual observer will notice the ride quality of an elevator in just one trip. We want your tenants to experience a safe and secure ride. So we didn't skimp on high-quality components.

A few of the major components listed here all factor into the performance and ensure a smooth, quiet, reliable and quick ride to the destination.

When we're not onsite, your elevator is constantly being monitored by MAX, the elevator industry's first cloud- and IoT-based digital predictive maintenance solution. Because of MAX, you'll receive smarter service and maintenance along with transparency and peace of mind.





1

## Machine

Improves ride quality while increasing energy efficiency. The gearless machine features an ultra-compact design and frequency-controlled operation. It transports elevators at 150 feet per minute. So small and compact, perfect for machine room-less configurations.



2

## Rail-supported

EOX is supported by its rails rather than your building. That means your installation requires less support steel and minimal coordination between trades.



3

## Linear door operator

The linear door operator technology provides enhanced door reliability as well as quick, smooth door operation. This reduces the number of service calls due to malfunctioning doors.



4

## EOX Controller

Fits into the door jamb and is fully digital. This controller saves space and helps reduce elevator noise.



5

## Underslung design

Since hoisting belts are fed under the car, overhead space is freed up and provides additional technician work space on the car top. Isolation pads are added between car and sheave assembly to minimize any vibration within the car and improve ride quality.





# A SCREEN THAT MAKES ALL THE DIFFERENCE



From our phones to computers to televisions, we're used to vivid and dynamic content. Why should our elevators be any different? That's why every EOX comes with an in-car multimedia display.

## On-board infotainment

The multimedia display provides extra infotainment by enriching the animated travel information with the latest news and weather forecasts.

## Digitally native means:



### EOX keeps your buildings in motion

EOX's digital platform means it interfaces with MAX, our predictive maintenance solution. MAX continuously collects data about the components and system and sends it to the cloud. The data is analyzed and algorithms determine when your elevator will require maintenance from our technicians.



### EOX is multimedia enabled

- Entertain and inform passengers with custom content on the in-car multimedia screen
- An infotainment display, video and two-way chat and in-car camera are standard



### EOX is future-proof

- Allows for simple, wireless, scalable upgrades
- API connectivity to interface with user applications and building management software



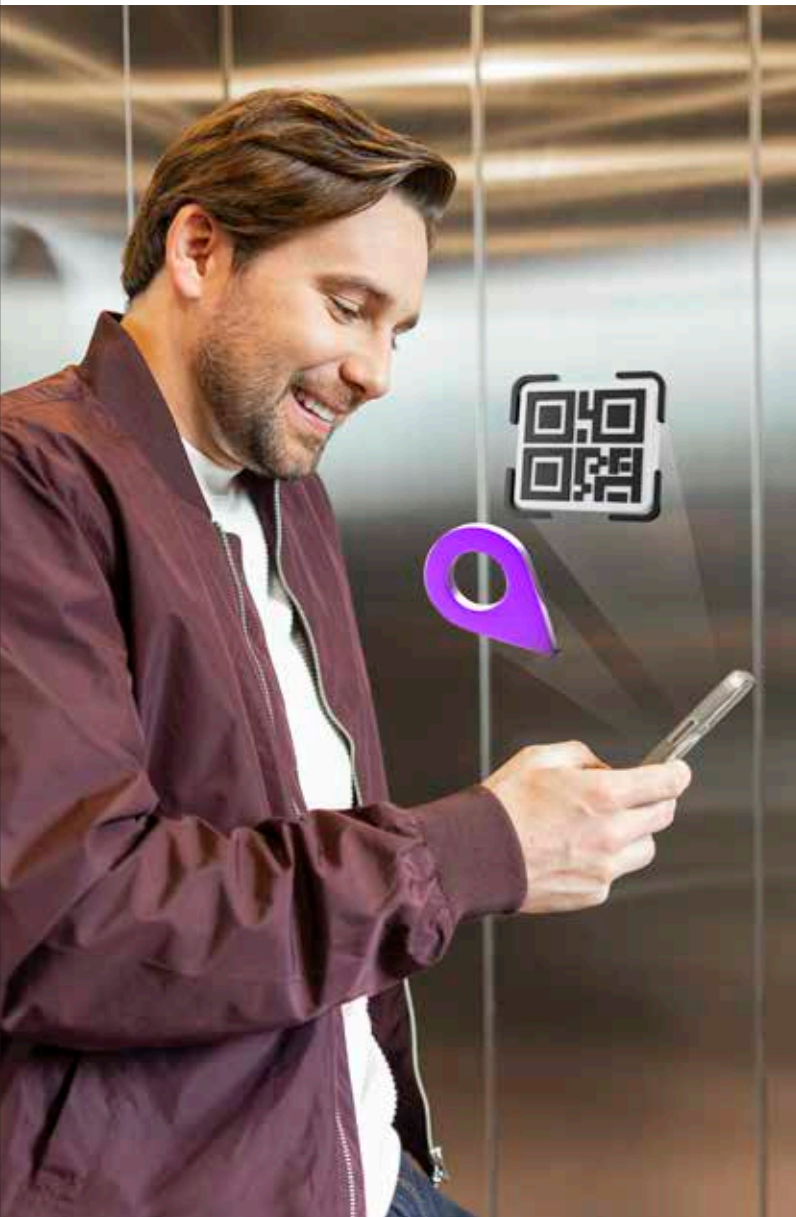
### EOX is dependable

- Faster and fewer repairs and increased uptime
- Real-time monitoring data for all your units from any device 24/7



# EOX IS READY FOR TOMORROW – TODAY

EOX moves beyond with you. It is digitally connected so you can leverage our evolving digital services. It's delivered today with hardware to support future developments, even those as complex as machine learning. From infotainment to premium maintenance, EOX can meet the needs of your building as it evolves.



Passengers can use TK Elevator's AGILE Mobile smartphone app\* to easily call the elevator remotely. There are two options: GPS-based or with the additional help of QR codes.

## **AGILE Mobile GPS**

The building is verified via geo-location and the passenger indicates the pick-up and destination floors. When they arrive at the elevator, it will be waiting to take them to their destination.

## **AGILE Mobile with QR code**

The building is verified via a smartphone scan of a QR code\*\* and a geo-location tag provides additional verification. With the scan, the location floor is automatically selected and the passenger only has to select a destination floor.

\*The AGILE Mobile app will soon be available for iOS and Android through the respective app stores. User authorization to camera and geo-location is required to execute remote calls.

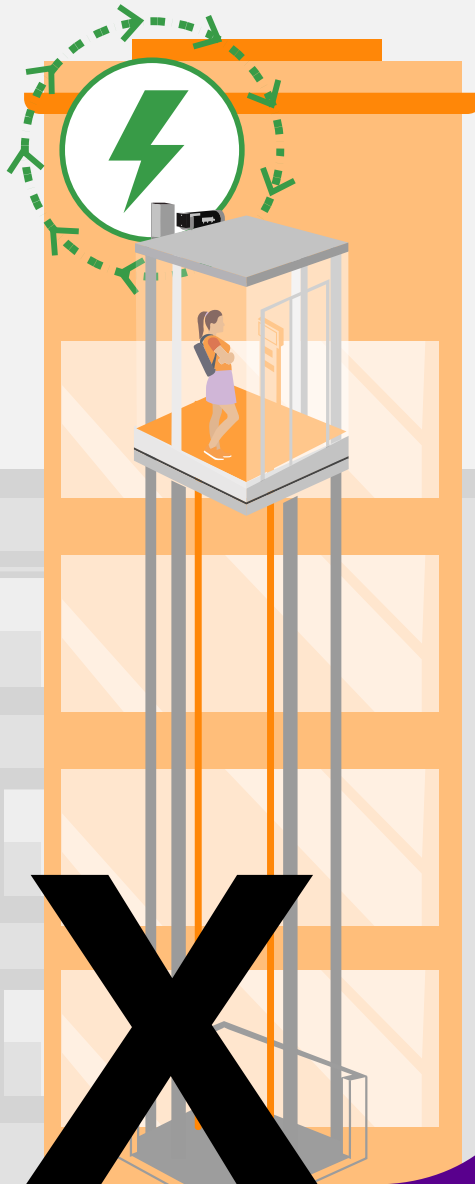
\*\*QR codes are created by authorized building administrators via a customer portal.

# THE SUSTAINABLE CHOICE

EOX saves energy and causes fewer emissions. In fact, it is the most energy efficient elevator in our portfolio and uses up to 45% less energy than our previous low-to mid-rise offering.

## REGENERATIVE DRIVE

A VVVF regenerative drive is standard so you can recoup energy for other elevators or building systems when gravity is doing the work in lieu of the elevator motor.



# EOX



**45%**  
ENERGY  
SAVINGS

## UNIQUE ECO MODE

In addition to the standard sleep and stand-by modes, EOX has an eco-mode. It “learns” traffic patterns in the building, and adjusts accordingly. During low traffic times, the elevator’s speed and acceleration are reduced. An active eco-mode status is highlighted to passengers in the cabin display.

**WE’VE REDUCED  
EMBODIED CARBON  
BY UP TO**



**15%**

Through material selection and reducing the cab weight by nearly 20%.

## SUPPORTIVE

We have more than 200 accredited LEED Green Associates and BREEAM Associate Experts to help obtain green certifications.

## TRANSPARENT

Like our products for all building types, an Environmental Product Declaration (EPD) and (HPD) have been published.



**HPD**

**EPD**

**LCA**

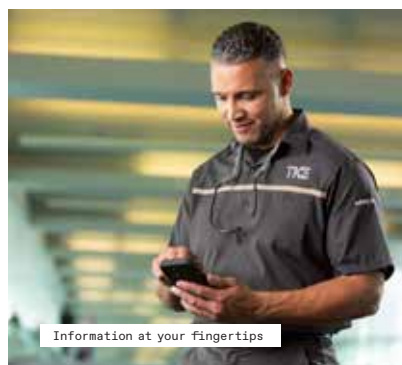
# SMART AND EASY MAINTENANCE



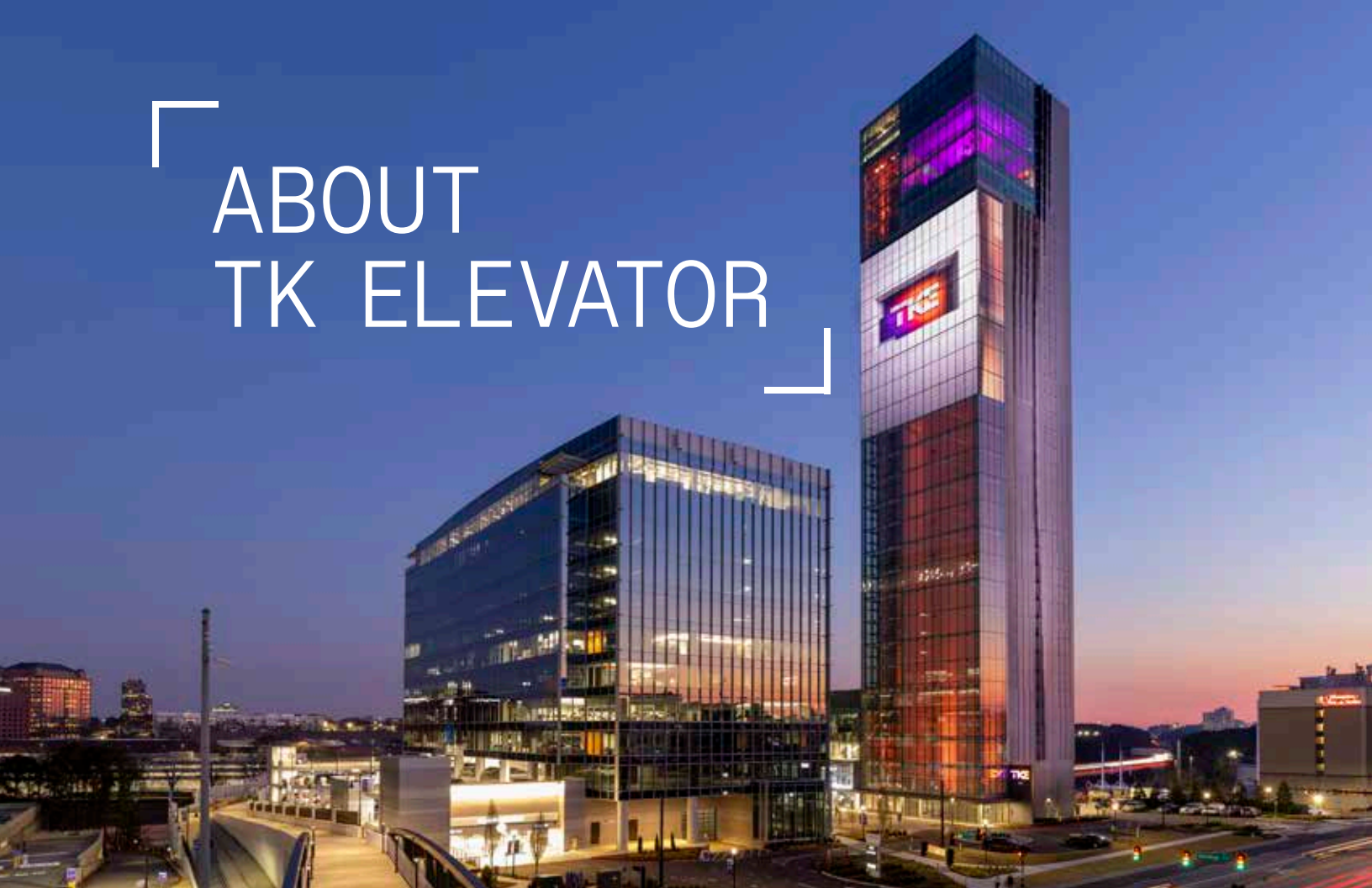
TK Elevator’s cloud-based smart maintenance — for which EOX comes plug-and-play-ready — provides intelligent data packaged to fit your service needs.

Smart sensors and connected components can detect door movements to number of trips and more. Data is analyzed to inform you about the “health” of your elevator. This data-driven approach has the power to cut elevator downtime by up to 50%. And the best thing is the owner, building manager and service technician have the information at their fingertips.

Every EOX owner can benefit from advanced troubleshooting as well as notifications and critical alerts. TK Elevator was the first to introduce predictive maintenance to our industry.



# ABOUT TK ELEVATOR



We are elevator people. Striving to move the world. Known for a passion for technology with service at the heart at our business.

Over the past decades, TK Elevator has established itself as one of the world's leading elevator companies and became independent after its sale by thyssenkrupp AG in August 2020. To our customers in over 100 countries we provide an extensive service network that guarantees close proximity, with more than 1,000 locations and over 50,000 employees. TK Elevator's most important business line is our multibrand service for mobility solutions represented by over 24,000 service technicians. We have set aggressive carbon targets, including a 53% reduction in CO2 emissions by 2030 and net carbon zero by 2050. We are committed to using 100% renewable electricity across our global operations by 2030.

Our new installation product portfolio ranges from commodity elevators for residential and commercial buildings to cutting-edge, highly customized solutions for state-of-the-art skyscrapers. What's more, it also consists of escalators and moving walks, passenger boarding bridges, stair and platform lifts.

Integrated cloud-based service solutions are gaining in importance. These digital offerings mean there are no longer any limits to urban mobility.

TK Elevator. Move beyond.



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