A man and a woman are standing in a modern elevator. The man, on the right, has a beard and is wearing a dark blue quilted vest over a grey long-sleeved shirt. He is leaning on a large cardboard box. The woman, on the left, is wearing a dark blue quilted jacket and has her hair in a ponytail. She is smiling and looking at the man. The elevator interior is modern, with glass walls and recessed lighting. The floor is dark. The overall atmosphere is professional and modern.

# UPGRADE YOUR BUILDING WITH A MODERN, CONNECTED ELEVATOR

KONE ReGenerate™ DX



# THE TOP-TO-BOTTOM RENEWAL FOR YOUR ELEVATOR

Even with proper maintenance, all elevators need thorough modernization eventually. After 10 years, parts will need replacing and you'll probably find that repair bills start to rise.

Finding spares can also become a problem. After 25 years of service or more, you can find yourself facing issues with safety and reliability.

As well as consuming more power than modern elevators, older elevators also contain outdated technology. The hoisting machine in particular will probably have poor energy efficiency and might be the cause of frequent breakdowns. All of this can have an impact on the value of your building. After 25 years and 10,000 kilometers\*, is it time to think about giving your elevator a new lease on life?

## Cut costs and reduce hassle while improving reliability and safety

KONE ReGenerate™ DX is a comprehensive controller and hoisting modernization solution that can save you a considerable amount of money and hassle over your elevator's lifetime. The modernization is based on KONE EcoDisc™ hoisting technology, which can significantly cut your elevator's operating costs and also improve its reliability.

KONE ReGenerate™ DX also improves the safety and accessibility of your elevator. After the modernization, accurate leveling with landing floors will reduce the risk of people tripping on the elevator sill, while new safety devices monitor uncontrolled car movement and prevent overspeed when the car is ascending.

## Key benefits

- Improves elevator energy efficiency, reliability, and safety
- Improves accessibility with accurate leveling
- New safety devices monitor uncontrolled car movement and prevent overspeed
- Minimizes elevator downtime with quick installation
- Complies with all relevant EU safety and accessibility standards

\* Traction elevator, based on residential building usage of 25 years, 54,750 starts/year, 8 meters travel/start.



## Looking for a safer elevator with better performance?

We offer solutions for offices, hotels, and retail premises that involve the complete replacement of your elevator's electrification and hoisting systems. The new machine is equipped with a silent brake that minimizes the noise disturbance. For extra peace of mind, you can also add a two-way KONE Remote Monitoring communication system that passengers can use to contact the local KONE Customer Care Center in case of emergencies.

## Robust, reliable components and faster fault diagnosis

KONE ReGenerate™ DX components are designed to be robust and reliable. The fully encapsulated circuit boards keep out dust and foreign objects and reduce the risk of electrostatic discharge. The modernization also includes a modern safety system that automatically identifies faults at the switch level and shows them on a graphical display that technicians can use to quickly diagnose problems.

## Lower power consumption means lower operating costs

Our gearless and oil-free KONE EcoDisc™ hoisting machines cut the energy consumption of your elevator by using a low starting current to ensure high electrical efficiency. For traction elevators, our Variable Voltage, Variable Frequency (V3F) drive control significantly reduces energy consumption. You can save even more power with our advanced standby features that power down certain functions when the elevator isn't being used. Further energy saving savings can be achieved with the optional regenerative drive module.

### KEY SPECIFICATIONS



API ready



Connected



Max. load capacity



Max. speed



Max. travel



Max. floors



Max. persons



Max. group size

**KONE ReGenerate™ 200 DX**  
Cost-efficient modernization for low-rise residential buildings

✓

✓

1,150 kg

1.6 m/s

50 m

24

15

6

**KONE ReGenerate™ 400 DX**  
Flexible modernization solution for mid-rise buildings

✓

✓

2,050 kg

2.5 m/s

90 m

32

26

6

**KONE ReGenerate™ 800 DX**  
Tailored modernization solution for high-rise buildings with demanding people-flow requirements

✓

✓

4,000 kg

8.0 m/s

250 m

63

53

12

# A NEW ERA OF ELEVATOR EXPERIENCE

In an increasingly digitalized world, everything is connected – and elevators are no exception. With the KONE ReGenerate™ DX solution you can create a completely new kind of elevator experience.

DX stands for digital experience, because with the KONE ReGenerate™ DX solution you can create an experience that really connects – on every level. Connectivity lets you benefit from improved people flow plus a variety of innovative new services to make everyday life even easier and more enjoyable.

It's an easily upgradable solution, that enables the building to evolve and increases its value, lifetime and attractiveness. Contact your local KONE sales representative to find out more.



1

## Get connected for smooth people flow

With connectivity and KONE application programming interfaces (APIs) you can make your elevator smarter and more desirable with new people flow solutions and value-adding services from KONE and our partners. By upgrading an existing elevator you can both optimize people flow and operational efficiency and make sure your property is ready to take advantage of future smart-building technologies.

2

## Redefine the user experience

With real-time information for passengers, an engaging multisensory user experience, and other smart building applications, you can redefine elevator rides in your building and improve everyday convenience with enhanced accessibility and equipment availability.

3

## Plan for success with KONE as your partner

As your experienced partner for smarter buildings, we can help you manage your property more efficiently with valuable insights into end-user behavior that can be used to continuously optimize people flow and improve the user experience.



### Easy to upgrade

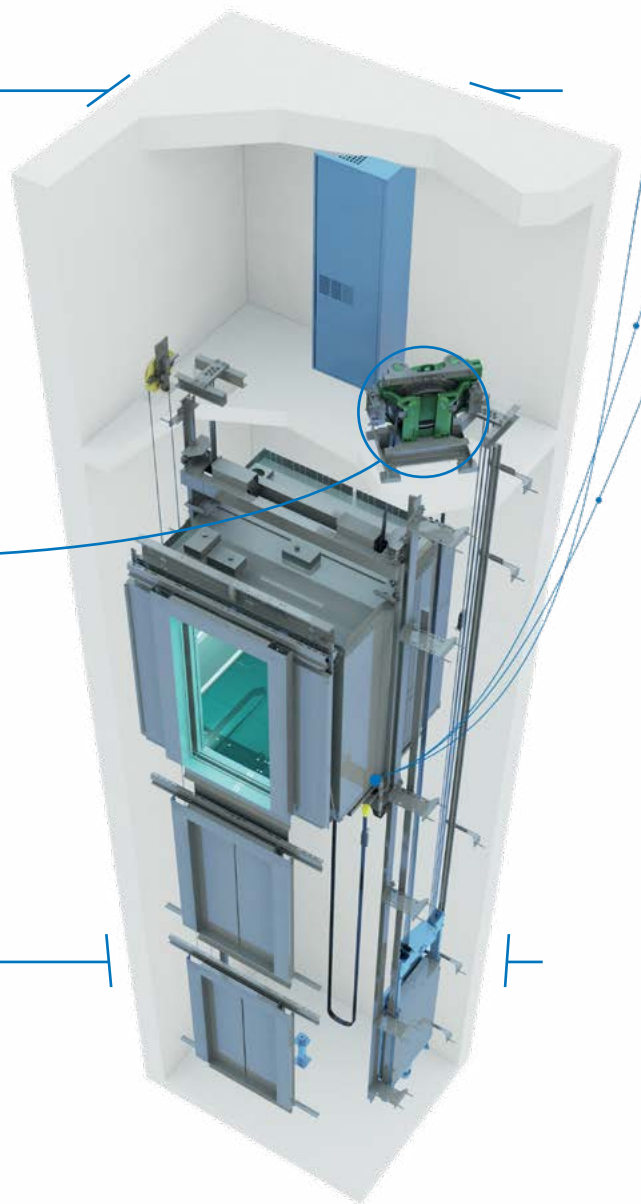
Connectivity gives you the possibility to upgrade in the future as your needs change by adding new connected services and features whenever you need them.

### Best-in-class eco-efficiency

Save energy and cut your building's carbon footprint with our eco-efficient hoisting, lighting, and standby solutions.

### Upgrade performance and reliability

By refreshing your elevator's mechanical and electrical components you can significantly improve its performance and reliability.

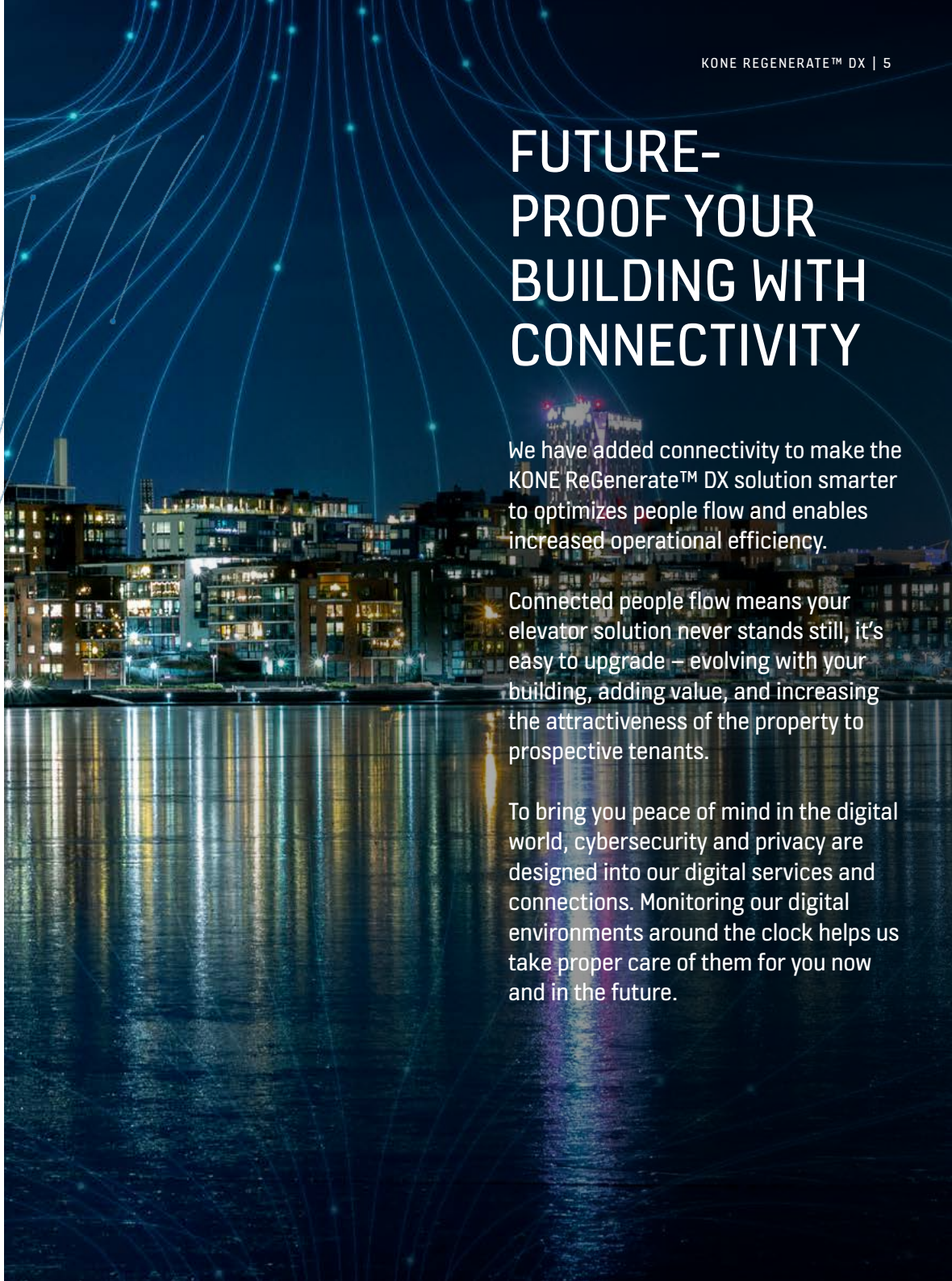


# FUTURE-PROOF YOUR BUILDING WITH CONNECTIVITY

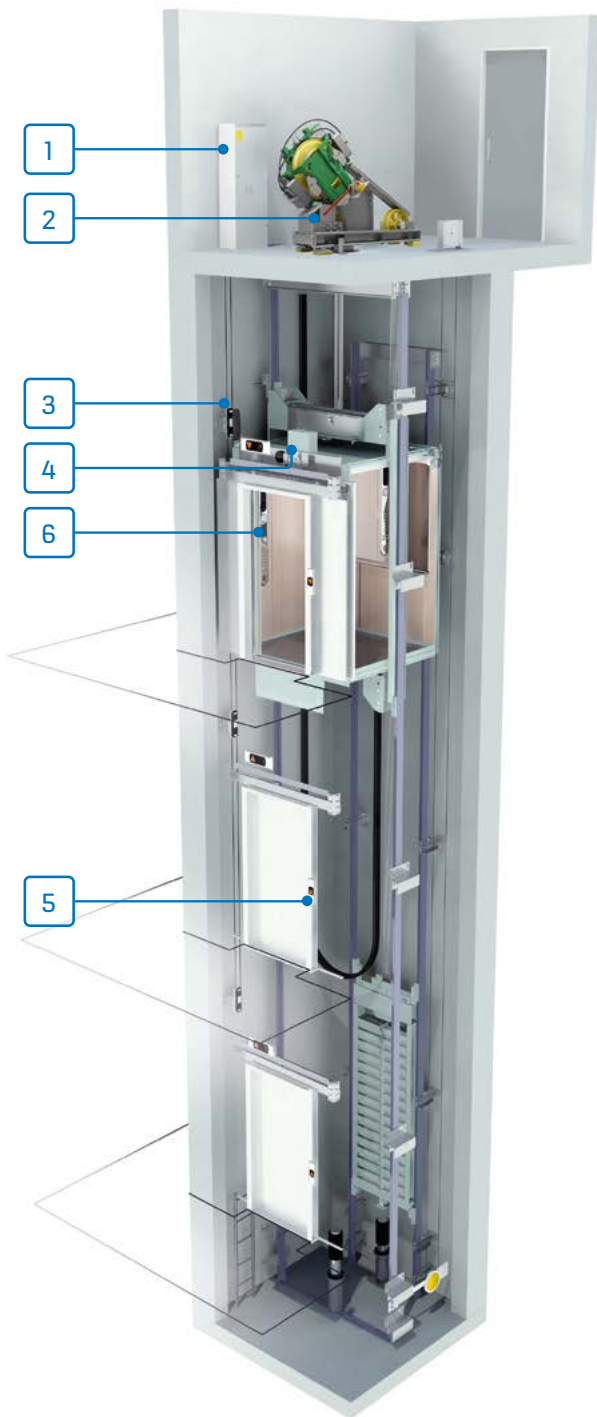
We have added connectivity to make the KONE ReGenerate™ DX solution smarter to optimize people flow and enable increased operational efficiency.

Connected people flow means your elevator solution never stands still, it's easy to upgrade – evolving with your building, adding value, and increasing the attractiveness of the property to prospective tenants.

To bring you peace of mind in the digital world, cybersecurity and privacy are designed into our digital services and connections. Monitoring our digital environments around the clock helps us take proper care of them for you now and in the future.







### KONE REGENERATE™ DX INCLUDES:

- 1 KONE ReGenerate™ DX controller cabinet
- 2 New hoisting machinery
- 3 Positioning system
- 4 Door operator interface
- 5 Signalization
- 6 KONE Remote Monitoring (optional)

## PLAN FOR SUCCESS WITH KONE AS YOUR PARTNER

Continuously optimize people flow and improve the user experience in your building with the assistance of an experienced partner. We can help you make your building smarter and more efficient with valuable insights based on a holistic view of end-user behavior and people flow.

We work with an ecosystem of partners to provide new services and solutions, and through our People Flow Planning and Consulting service we can ensure that everyone is able to move smoothly and safely around your building. We can also help you make better investment planning decisions based on solid data, and provide sustainable technologies, materials, and services that contribute to credits and certifications for green-building accreditation schemes.

## UPGRADE WITHOUT THE HASSLE

On time and on budget, with no surprises and no unexpected costs – that's our promise. We take care of everything, from planning the project to updating your elevator. We'll also provide technical and safety information and training when we hand it over to you, as well as provide support with any third-party inspections required. We can also make sure your elevator operates reliably and safely for its entire lifespan with a customized KONE Care™ preventive maintenance package.

## FOUR EASY STEPS TO AN UPGRADED ELEVATOR



### 1 Fact-finding

- We'll carry out a detailed site survey to learn more about what kinds of upgrades would be best for your elevator and building.
- As part of this process we'll talk to the key stakeholders to find out what they want to get out of the project.



### 2 Recommendation and estimate

- You'll get a clear recommendation about what to upgrade based on your needs and our expert opinion.
- We'll provide a detailed schedule and cost breakdown so you know what to budget and how long the project will take.



### 3 Execution

- Once the project is under way a KONE project manager will be responsible for quality checks and supervision throughout the process.
- We'll keep everyone fully informed about the schedule and progress of the work via KONE InfoMod information boards in the lobby.



### 4 Ongoing maintenance and care

- We can create a tailored KONE Care™ maintenance plan for your equipment to keep it running safely and smoothly.
- With KONE 24/7 Connected Services we can monitor your equipment around the clock and take proactive action to prevent potential problems from causing a breakdown.

KONE provides innovative and eco-efficient solutions for elevators, escalators, automatic building doors and the systems that integrate them with today's intelligent buildings.

We support our customers every step of the way; from design, manufacturing and installation to maintenance and modernization. KONE is a global leader in helping our customers manage the smooth flow of people and goods throughout their buildings.

Our commitment to customers is present in all KONE solutions. This makes us a reliable partner throughout the life cycle of the building. We challenge the conventional wisdom of the industry. We are fast, flexible, and we have a well-deserved reputation as a technology leader, with such innovations as KONE MonoSpace® DX, KONE NanoSpace™ and KONE UltraRope®.

KONE employs close to 57,000 dedicated experts to serve you globally and locally.

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