KONE ReGenerate™ DX

Create value for your building with Elevator Hoisting and Electrification Modernisation





The top-to-bottom renewal for your elevator

Even with proper maintenance, all elevators need to be upgraded.

Finding spares can also become a problem. After 20 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As well as consuming more power than modern elevators, older elevators also contain outdated technology.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.

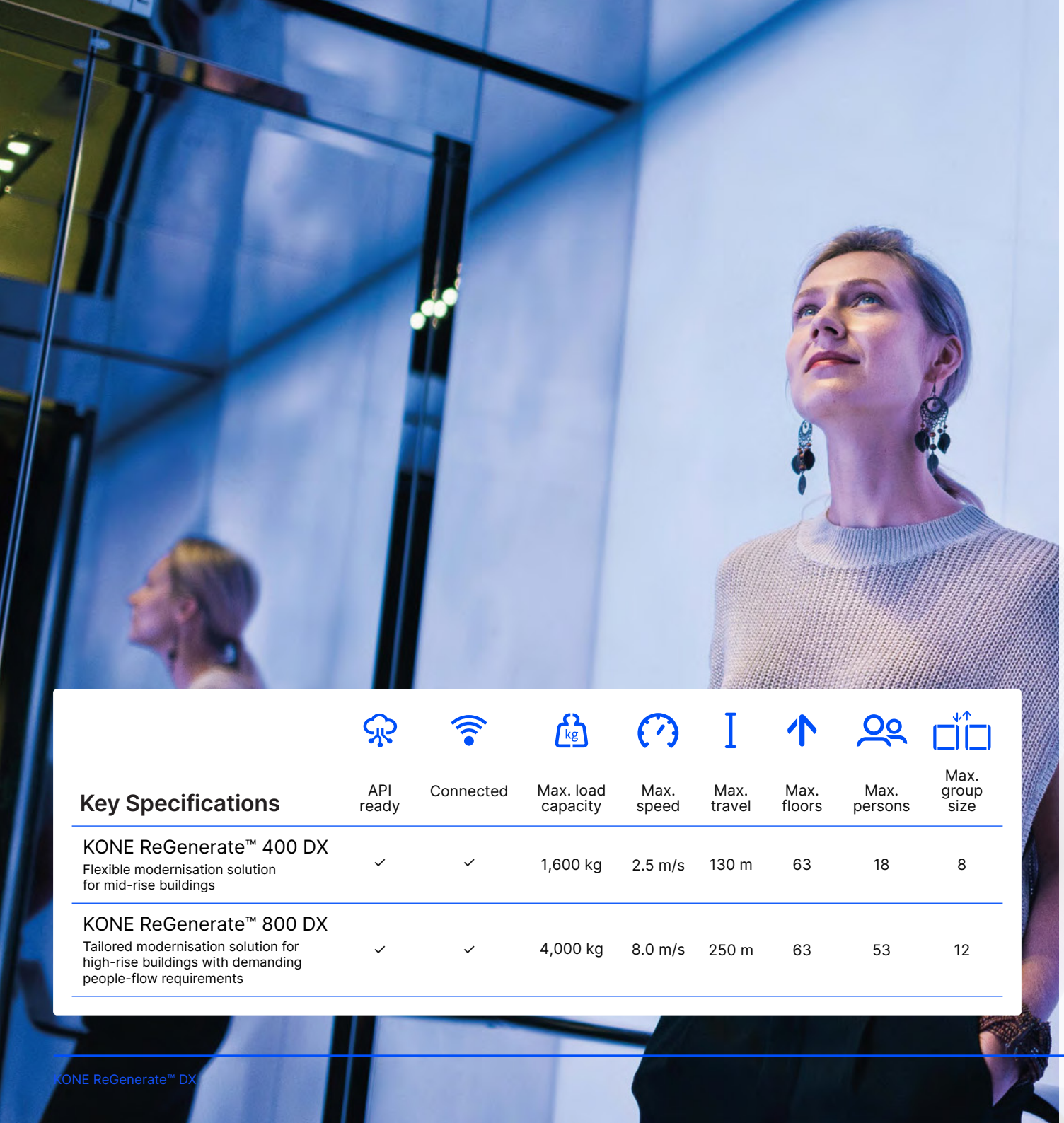
Cut costs and reduce hassle while improving reliability and safety

KONE ReGenerate™ DX is a comprehensive controller and hoisting solution that can save you a considerable amount of money and hassle over your elevator's lifetime. The upgrade 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 upgrade, accurate levelling 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 levelling
- New safety devices monitor uncontrolled car movement and prevent overspeed
- Minimises elevator downtime with quick installation
- Complies with all relevant safety and accessibility standards



Key Specifications

	API ready	Connected	Max. load capacity	Max. speed	Max. travel	Max. floors	Max. persons	Max. group size
KONE ReGenerate™ 400 DX Flexible modernisation solution for mid-rise buildings	✓	✓	1,600 kg	2.5 m/s	130 m	63	18	8
KONE ReGenerate™ 800 DX Tailored modernisation solution for high-rise buildings with demanding people-flow requirements	✓	✓	4,000 kg	8.0 m/s	250 m	63	53	12

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 minimises 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 Centre 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 upgrade 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

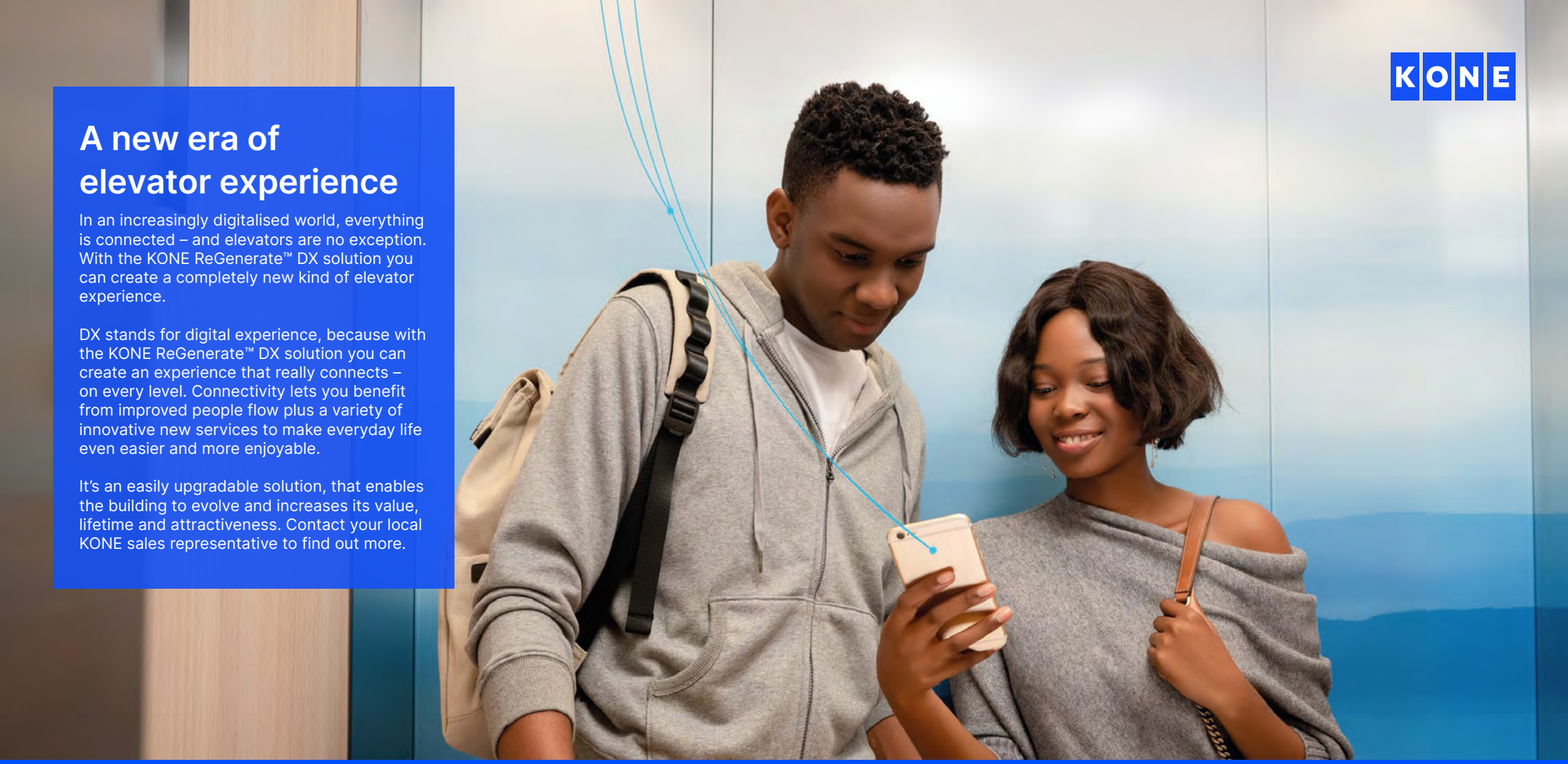
Our gearless and oil-free KONE EcoDisc™ hoisting machines cut the energy consumption of your elevator by using a low starting current to ensure high electrical efficiency. For traction elevators, our Variable Voltage, Variable Frequency (V3F) drive control significantly reduces energy consumption. You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

A new era of elevator experience

In an increasingly digitalised 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 optimise 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 multi-sensory 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 behaviour that can be used to continuously optimise people flow and improve the user experience.

Future-proof your building with connectivity

We have added connectivity to make the KONE ReGenerate™ DX solution smarter to optimise 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.

Keep your building secure 24/7

All our smart building solutions and services are designed with cyber security and privacy at their core. We monitor your connected elevator around the clock to keep your building data secure.

Easy to upgrade

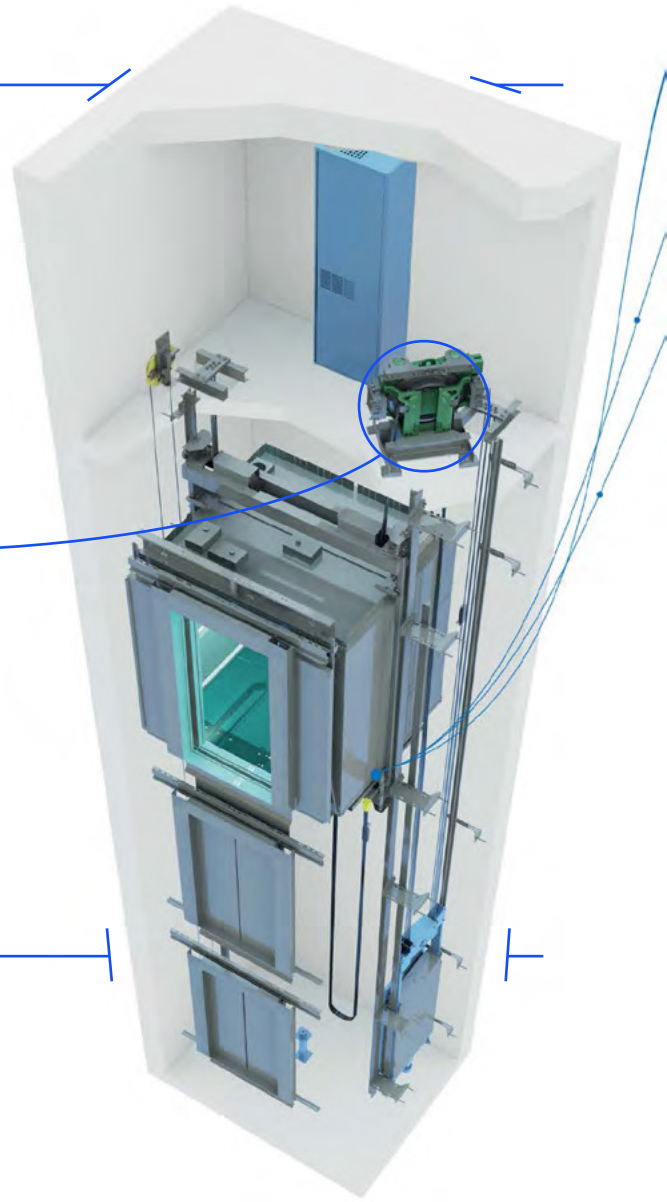
Connectivity gives you the possibility to upgrade in the future as your needs change by adding new connected services and features whenever you need them.

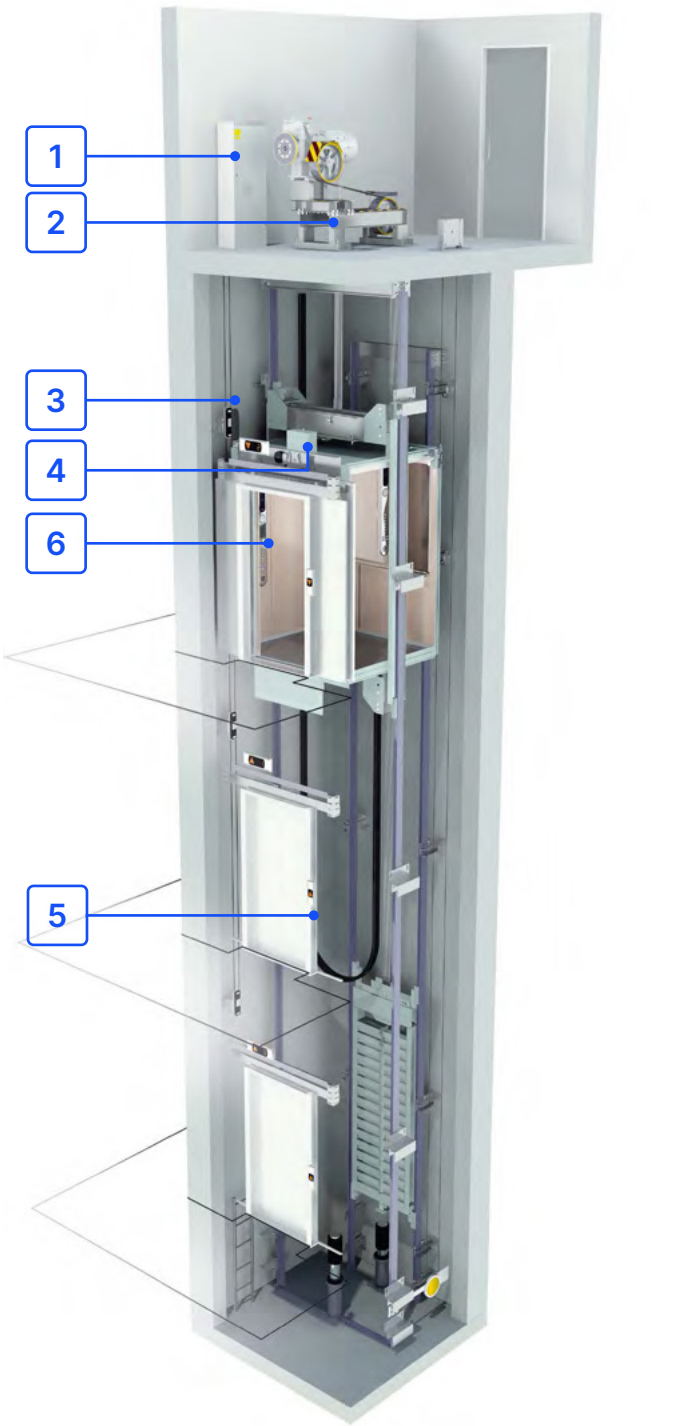
Best-in-class eco-efficiency

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.







KONE ReGenerate™ DX includes:

1. KONE ReGenerate™ DX controller cabinet
2. New hoisting machinery
3. Positioning system
4. Door operator interface
5. Signalisation
6. KONE Remote Monitoring



Plan for success with KONE as your partner

Continuously optimise 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 behaviour 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

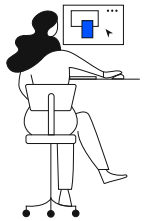
On time and on budget, with no surprises and no unexpected costs – that's our promise. We take care of everything, from planning the project to updating your elevator. We'll also provide technical and safety information and training when we hand it over to you, as well as provide support with any third-party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

Four easy steps to an upgraded elevator



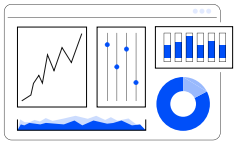
1. Fact-finding

- 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 managing the smooth flow of people and goods throughout buildings. This makes us a reliable partner throughout the life cycle of buildings. We are fast, flexible, and we have a well-deserved reputation asa technology leader, with such innovations as KONE 24/7 Connected Services and KONE UltraRope®. KONE employs over 63,000 dedicated experts to serve you globally and locally.

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KONE

Dedicated to
People Flow™