KONE ReSolve™ DX

Create value for your building with KONE Elevator Modular Modernisation



Revitalise your elevator

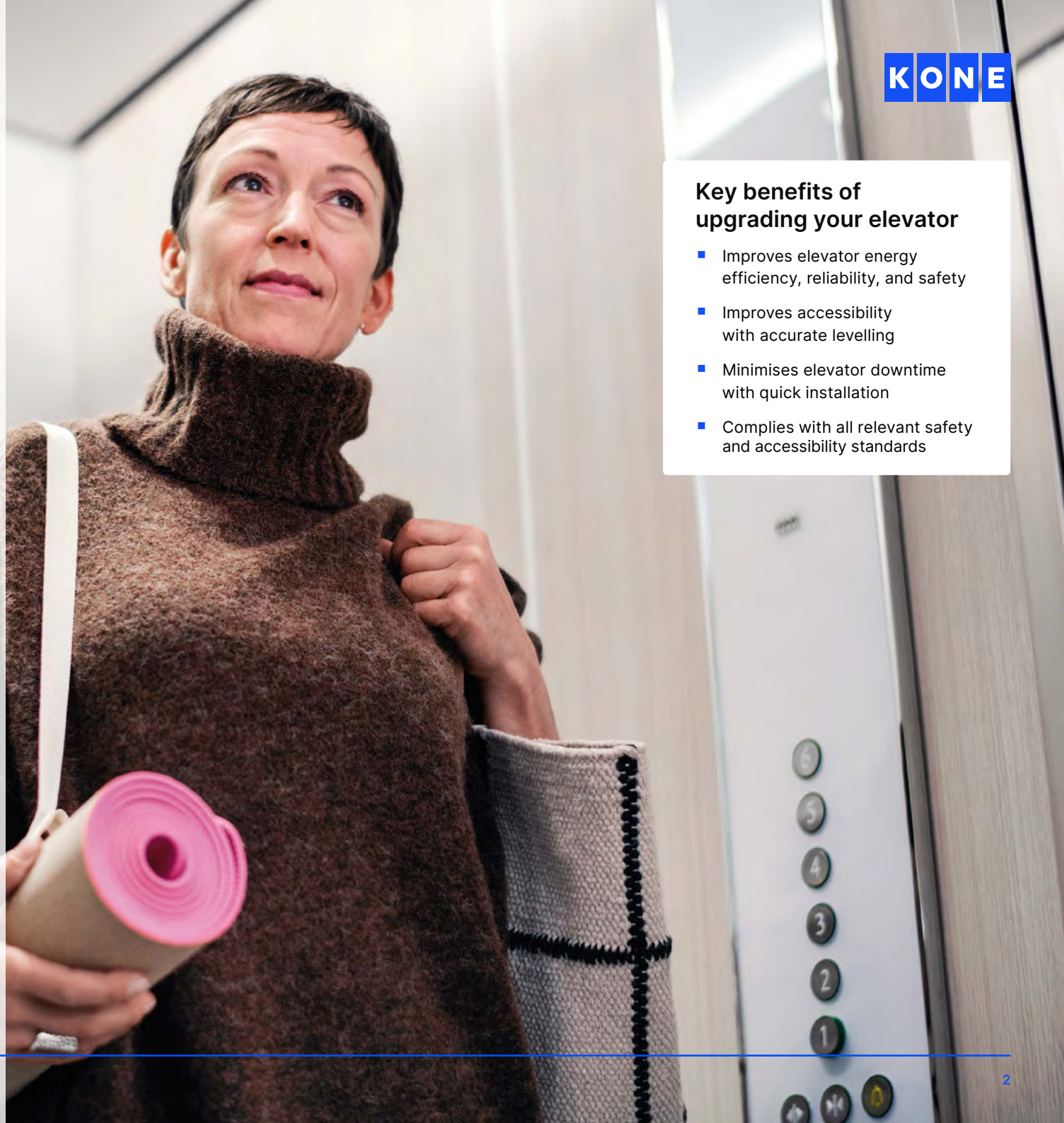
All elevators need to be upgraded – even if they have been properly maintained.

If your elevator has been in service for 20 years or more, it's also likely that it isn't as reliable or safe as it could be.

Older elevators also use a lot more electricity than modern equipment and contain outdated technology. They might not level accurately with landing floors, which can cause people to trip or fall. An aging and unreliable elevator can even have an impact on the value of your building.

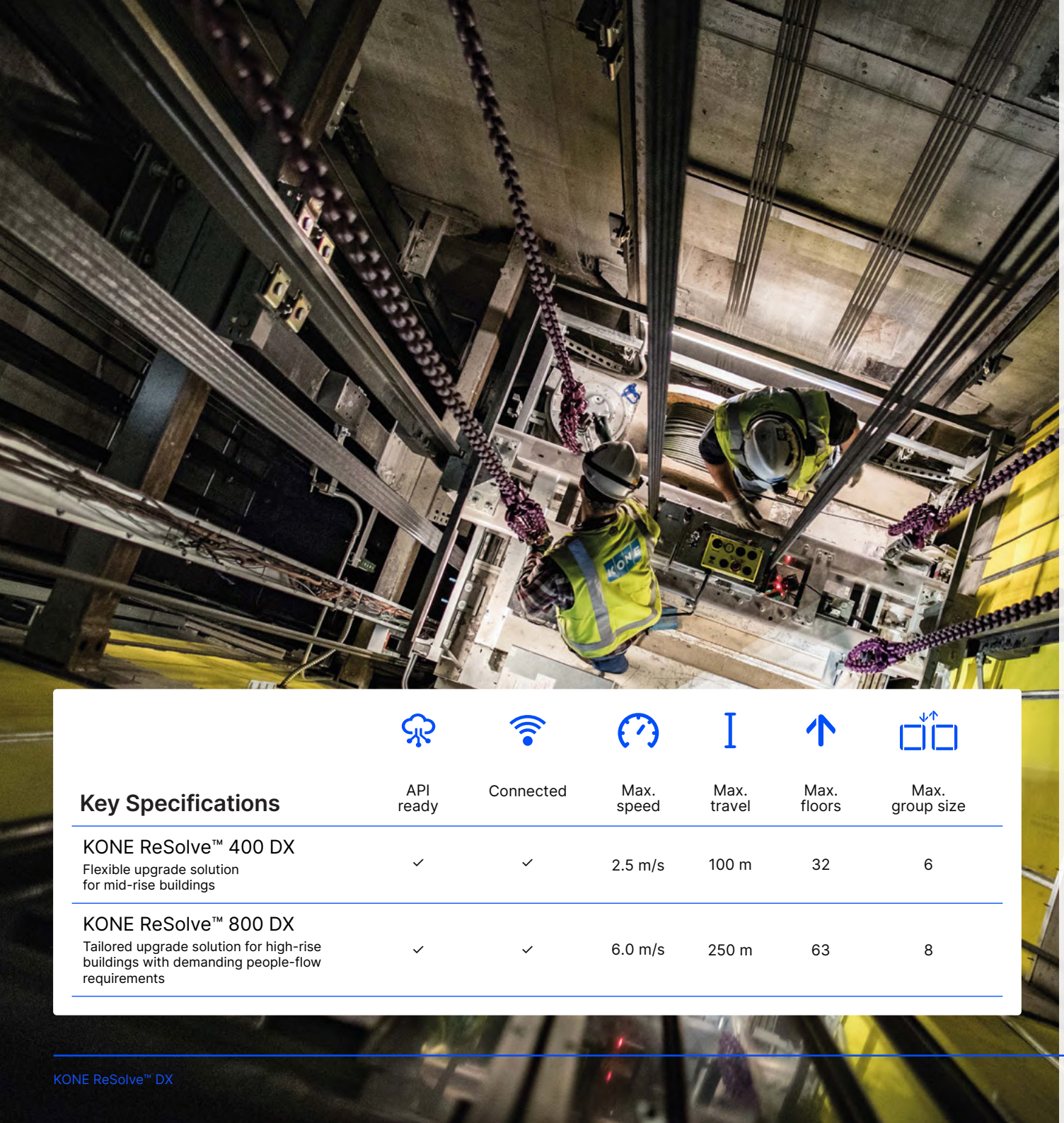
Save money and improve safety and reliability at the same time

KONE ReSolve™ DX is a comprehensive controller modernisation solution that can significantly cut your elevator's operating costs and also improve its reliability. With fewer repairs and much lower energy consumption, you can save a considerable amount of money over the elevator's lifetime. KONE ReSolve™ DX also improves safety and accessibility by making sure your elevator levels accurately with landing floors, preventing people from tripping on the elevator sill.



Key benefits of upgrading your elevator

- Improves elevator energy efficiency, reliability, and safety
- Improves accessibility with accurate levelling
- Minimises elevator downtime with quick installation
- Complies with all relevant safety and accessibility standards



The fast and flexible way to improve safety, performance, and energy efficiency

We offer KONE ReSolve™ DX for all building types by upgrading your elevator's electrification system, specifically the controller. We bring peace of mind with an optional two-way KONE Remote Monitoring communication system that connects passengers with the nearest KONE Customer Care Centre in the event of an emergency.

Durable components that last a lifetime

KONE ReSolve™ DX components are designed to be robust and reliable. The fully encapsulated circuit boards reduce the risk of electrostatic discharge and prevent dust and foreign objects from causing faults. The upgrade also introduces a modern safety system that automatically identifies faults at the switch level. The system includes a graphical display to make it easier and faster for technicians to diagnose problems.

Key Specifications

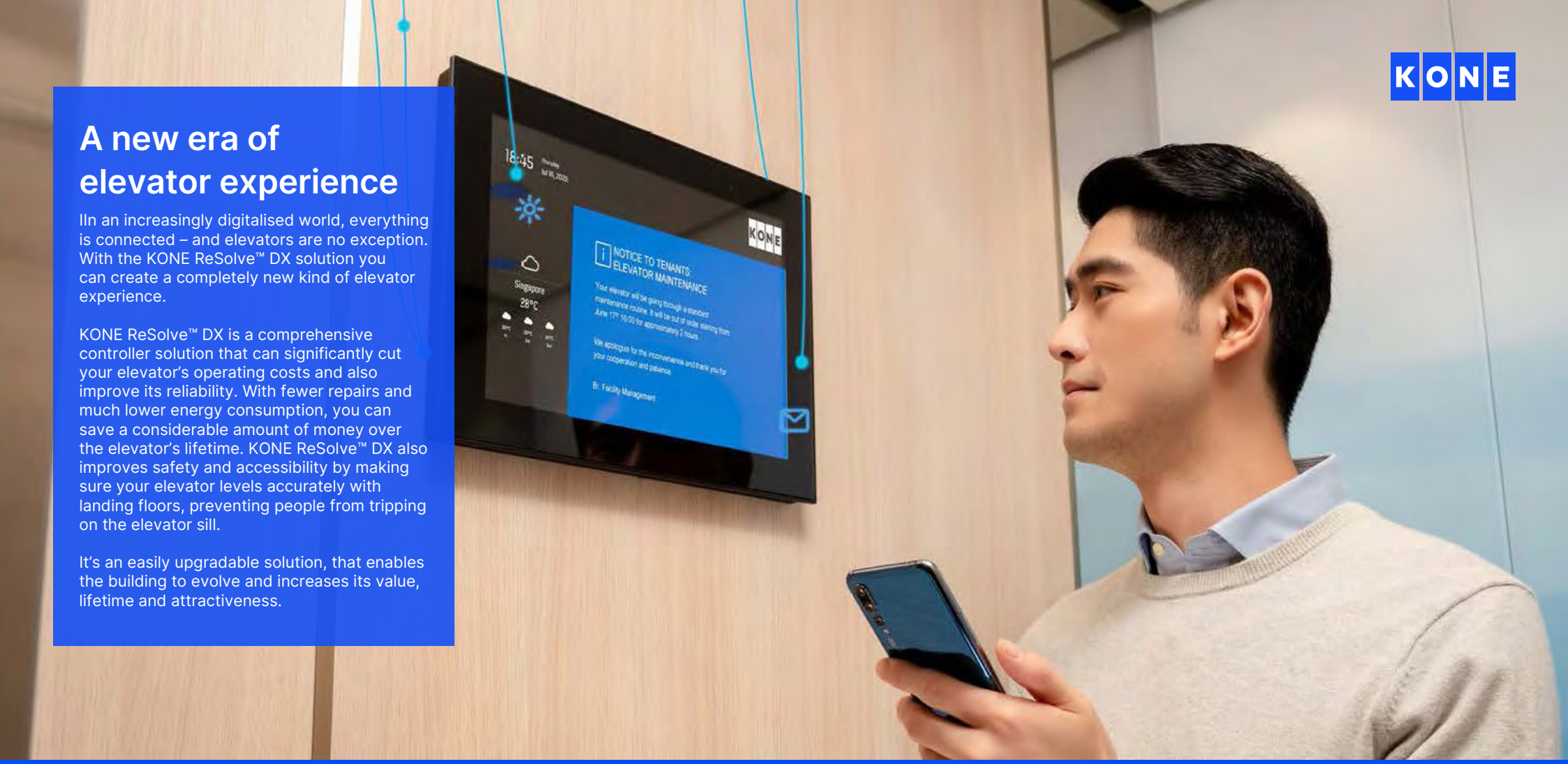
	API ready	Connected	Max. speed	Max. travel	Max. floors	Max. group size
KONE ReSolve™ 400 DX Flexible upgrade solution for mid-rise buildings	✓	✓	2.5 m/s	100 m	32	6
KONE ReSolve™ 800 DX Tailored upgrade solution for high-rise buildings with demanding people-flow requirements	✓	✓	6.0 m/s	250 m	63	8

A new era of elevator experience

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

KONE ReSolve™ DX is a comprehensive controller solution that can significantly cut your elevator's operating costs and also improve its reliability. With fewer repairs and much lower energy consumption, you can save a considerable amount of money over the elevator's lifetime. KONE ReSolve™ DX also improves safety and accessibility by making sure your elevator levels accurately with landing floors, preventing people from tripping on the elevator sill.

It's an easily upgradable solution, that enables the building to evolve and increases its value, lifetime and attractiveness.



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 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 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 ReSolve™ 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

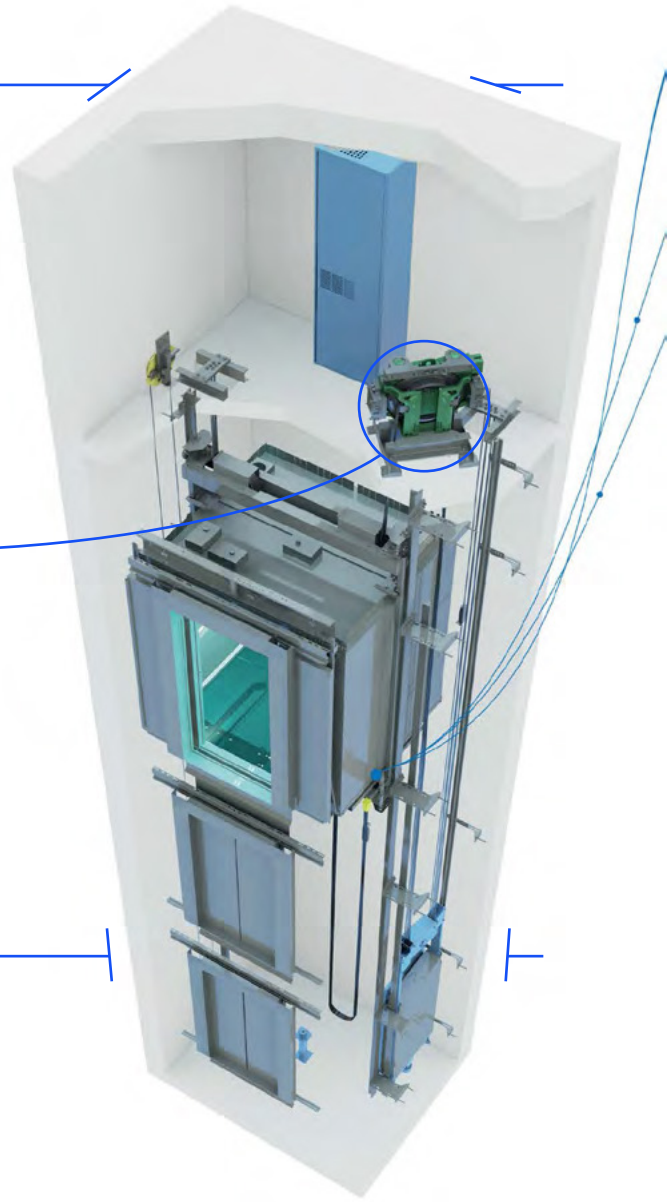
Connectivity gives you the possibility to upgrade in the future as your needs change by adding new connected services and features whenever you need them.

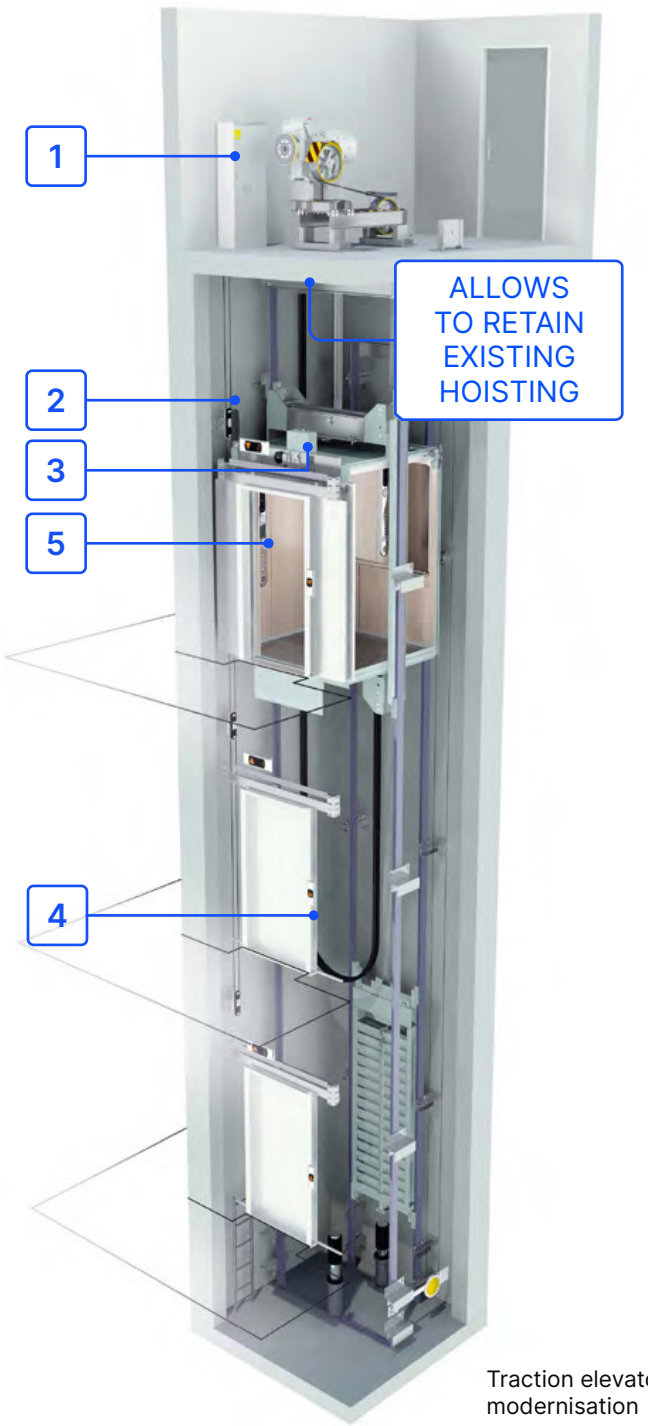
Best-in-class eco-efficiency

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.





Traction elevator modernisation



KONE ReSolve™ DX includes:

1. KONE Solve™ DX controller cabinet
2. Positioning system
3. Door operator interface
4. Signalisation
5. KONE Remote Monitoring (optional)



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

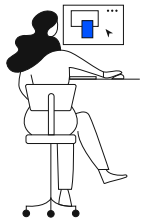
On time and on budget, with no surprises and no unexpected costs – that's our promise. We take care of everything, from planning the project to updating your elevator. We'll also provide technical and safety information and training when we hand it over to you, as well as provide support with any third-party 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



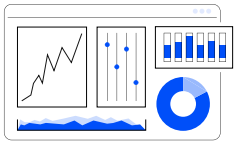
1. Fact-finding

- 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.

This publication is for general informational purposes only and we reserve the right at any time to alter the product design and specifications. No statement this publication contains shall be construed as a warranty or condition, express or implied, as to any product, its fitness for any particular purpose, merchantability, quality or representation of the terms of any purchase agreement. Minor differences between printed and actual colors may exist. KONE MonoSpace® DX, KONE EcoDisc® and People Flow® are registered trademarks of KONE Corporation.

Copyright © 2024 KONE Corporation.

KONE

Dedicated to
People Flow™