Elevator modernization handbook

Evolve your Building to a new era

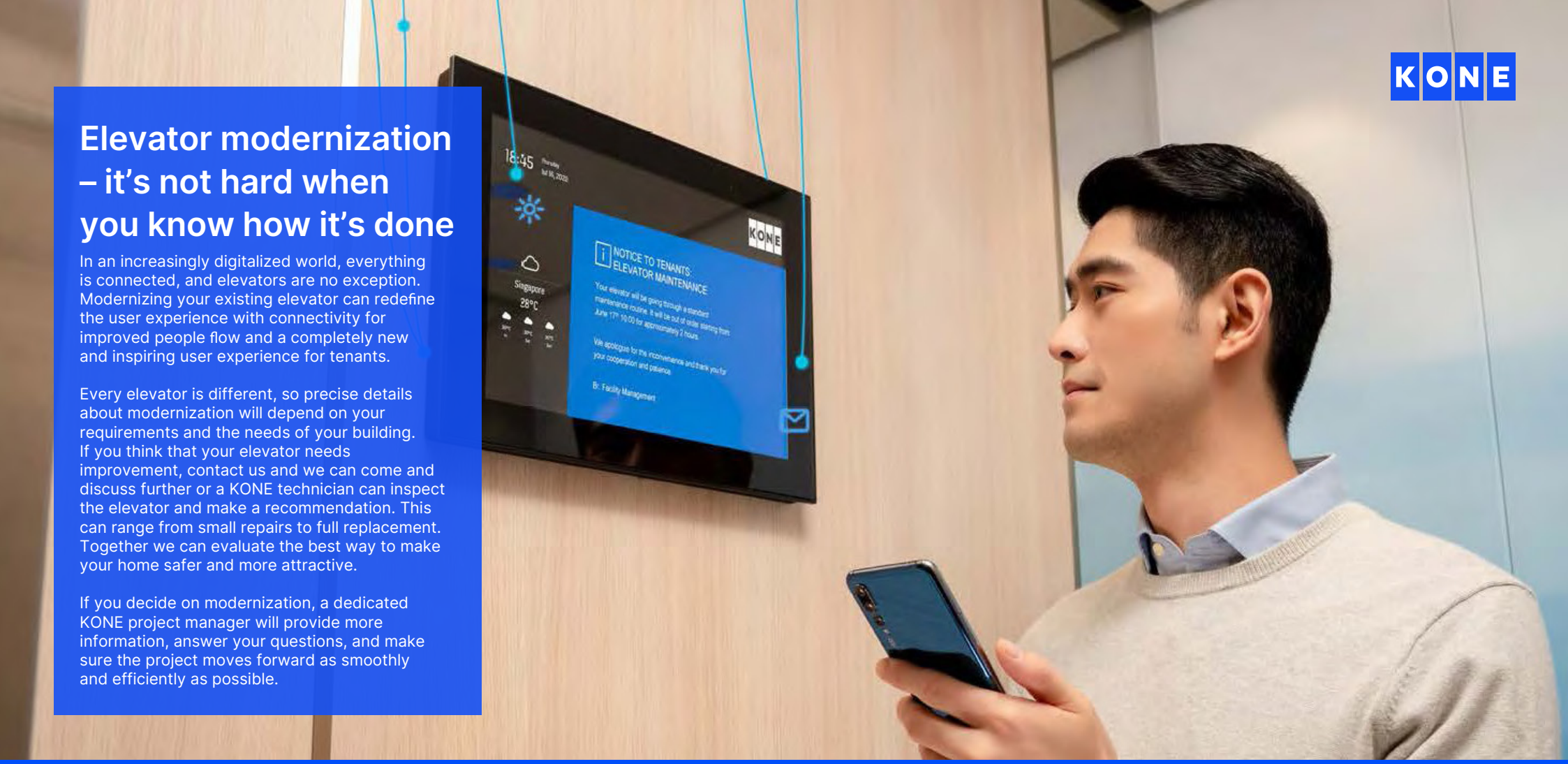


Elevator modernization – it’s not hard when you know how it’s done

In an increasingly digitalized world, everything is connected, and elevators are no exception. Modernizing your existing elevator can redefine the user experience with connectivity for improved people flow and a completely new and inspiring user experience for tenants.

Every elevator is different, so precise details about modernization will depend on your requirements and the needs of your building. If you think that your elevator needs improvement, contact us and we can come and discuss further or a KONE technician can inspect the elevator and make a recommendation. This can range from small repairs to full replacement. Together we can evaluate the best way to make your home safer and more attractive.

If you decide on modernization, a dedicated KONE project manager will provide more information, answer your questions, and make sure the project moves forward as smoothly and efficiently as possible.



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.

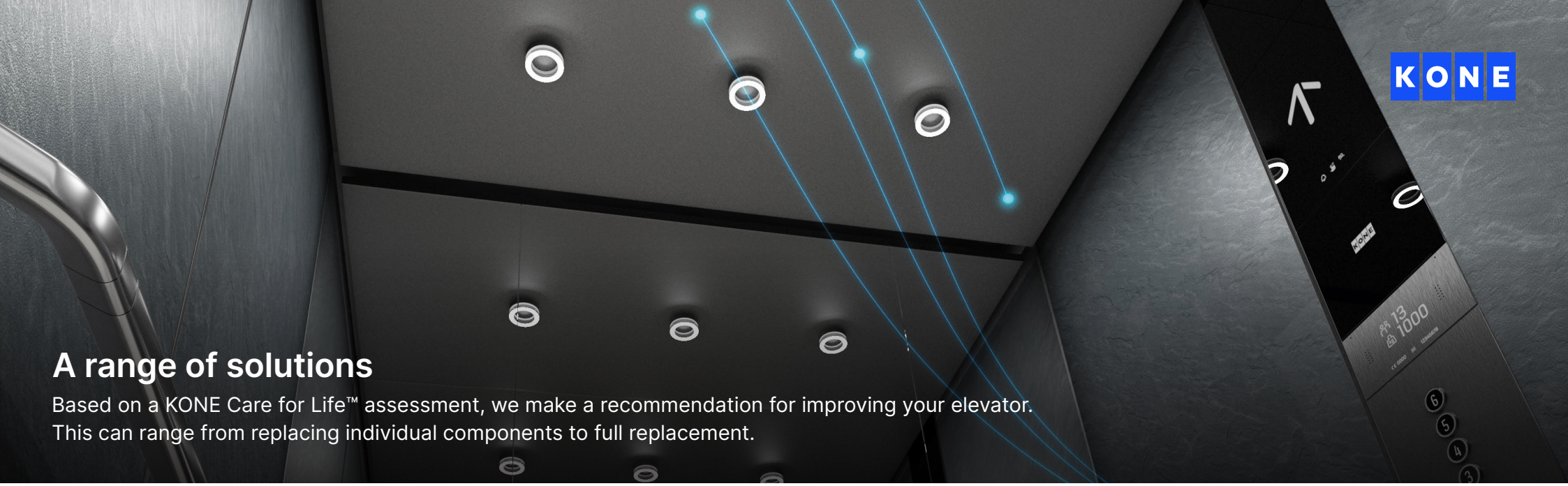
A thorough assessment

The assessment focuses on the requirements of your building and the people who use it. Our technicians closely examine your elevator's performance, accessibility, safety, eco-efficiency and aesthetics. We'll advise you on the options open to you – ranging from minor repairs to full replacement.

HOW CAN WE HELP?

- Our technicians perform a thorough inspection, free of charge, with no obligation to you.
- We make a recommendation for improvement. This can range from minor repairs to full replacement.
- The recommendation also includes a cost estimate.





A range of solutions

Based on a KONE Care for Life™ assessment, we make a recommendation for improving your elevator. This can range from replacing individual components to full replacement.

Component upgrades



Component upgrades are a quick and cost-effective way to make small improvements to your elevator. Upgrades can cover things like the door operator, signalization, or lighting system.

We recommend component upgrades if your elevator:

- Has noisy doors
- Is fitted with outdated and impractical signalization
- Is more than 10 years old

Modular modernization



Modular modernization significantly improves the performance of your elevator by updating entire systems. This type of modernization applies to things like the hoisting machinery, electrification system, or doors.

We recommend modular modernization if your elevator:

- Consumes a lot of electricity
- Does not level properly on landing floors
- Has an impractical or outdated interior

Full replacement



With full replacement we completely remove your old elevator and install a brand new one in your building's existing shaft.

We recommend full replacement if your elevator:

- Has a small, cramped car
- Takes a long time to travel between floors
- Is often out of order

Fast, efficient installation – on time and on budget

Before the modernization work begins, our project manager will conduct a site survey together with your building manager to finalize the site requirements. We make sure that everyone who uses the building is able to move around safely and that all permits, plans, and calculations have been checked and approved by the relevant local authorities.

During the project, we do everything possible to minimize disturbance to everyday life in the building. Our installation team protects the floors, walls, and walkways to make sure they are not damaged, and makes every effort to keep noise and dust to a minimum. Residents can stay up to date with the schedule and progress of the modernization work by checking the KONE InfoMod bulletin board in the building lobby and staying in touch with the building manager.



Residents can stay up to date with schedules and progress via the KONE InfoMod board.

INSTALLATION STAGES

- Site inspection to plan project and safe routes for residents
- Dismantling of old equipment and recycling or environmentally friendly disposal of materials
- Installation of new equipment
- Handover checks and quality inspection

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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Dedicated to
People Flow™