

ELEVATOR MODERNIZATION HANDBOOK

Caring for your equipment throughout its lifecycle

Procedures and benefits



WHY MODERNIZE YOUR ELEVATOR?

Modernizing your equipment makes it work more efficiently for longer, which means it requires less of your time and money.

It also makes elevator journeys more enjoyable for users with in-ride information and entertainment options. Finally, it improves the overall value of your building.

Modernization can take many forms, from small enhancements to full equipment replacement, but our expert care during installation and maintenance remains the same throughout.



Enhance connectivity

Smart technology helps you stay up to date with your equipment and enables exciting technological upgrades.



Improve User Experience

Everyone likes to travel in a well-equipped elevator that looks smart and feels modern.



Partner for Success

Working with KONE is straightforward because we have so much experience installing and maintaining elevators.



Achieve your eco-efficiency goals

We help you achieve your eco-efficiency goals during every phase of your building's life cycle



HOW DOES THE MODERNIZATION PROCESS BEGIN?

Getting started is straightforward.

We begin by conducting a thorough analysis of your equipment, taking into account performance, accessibility, safety, eco-efficiency, and aesthetics. Then, we present all available upgrade options to you in a clear and transparent proposal.

EQUIPMENT ASSESSMENT: STEP BY STEP

- 1 Our experts perform a thorough inspection, free of charge, with no obligation to you.
- 2 We make a proposal on how best to proceed. This can range from minor repairs to full replacement.
- 3 You receive a detailed cost estimate.

HOW DO I KNOW WHAT MODERNIZATION SOLUTION I NEED?

We'll guide you with this simple exercise.

Modernization covers repairs, enhancements, and full elevator replacement.

Select the scenario that best describes your equipment status to help decide which modernization path works for you:

SCENARIO 1

Your elevator:

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- Is fitted with outdated and impractical signalization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

We recommend:

COMPONENT UPGRADES

Component upgrades are a quick and cost-effective way to make small but valuable improvements to your elevator. These upgrades might include things like the door operator, signalization, or lighting system.

Timeframe

1-2 DAYS

SCENARIO 2

Your elevator:

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

We recommend:

MODULAR MODERNIZATION

Modular modernization is ideal if the overall condition of your elevator is still functional, but updating things like the elevator control system and the hoisting unit would significantly improve its performance.

Timeframe

1-2 WEEKS

SCENARIO 3

Your elevator:

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

We recommend:

FULL REPLACEMENT

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

Timeframe

4-6 WEEKS

HOW DO WE MAKE SURE INSTALLATION DOESN'T DISRUPT BUILDING USE?



Because we know being able to get on with daily life is important.

- Before installation begins, our project manager will conduct a site survey alongside your building manager to finalize site requirements.
- We ensure 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 authorities.
- Our installation team protects the floors, walls, and walkways to make sure they don't get 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.

Installation timeline



1 Site inspection to plan project and safe routes for residents



2 Dismantling of old equipment and recycling or environmentally friendly disposal of materials



3 Installation of new equipment



4 Handover checks and quality inspection

WHAT ABOUT MAINTAINING MY MODERNIZED ELEVATOR?

Now that you have a smart, upgraded elevator – you'll want to look after it.

Thanks to our global network of technicians, there's always someone local to you who can help. And with AI-powered preventive maintenance, you'll be notified when your equipment needs examining – before it becomes a problem.

So you can relax, safe in the knowledge that your investment will be maintained properly and correctly throughout its lifetime. And even better – by real people that care.



HOW DOES ELEVATOR MODERNIZATION HELP YOU ACHIEVE SUSTAINABILITY GOALS?

It's actually quite simple.

By upgrading your building to incorporate the latest in eco-efficient smart technology, you can make up to 70% energy savings thanks to improved elevator components. These include options like retrofitted LED lights, or a completely new elevator with energy regeneration technology.

Your equipment will also last longer – meaning savings on further renovation down the line.

And as your partner, we ensure all local requirements for eco-efficiency in planning and execution are met as standard.

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 as a technology leader, with such innovations as KONE 24/7 Connected Services and KONE UltraRope®. KONE employs over 60,000 dedicated experts to serve you globally and locally.

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