

A technician wearing a white hard hat, safety glasses, and a dark blue shirt is working on the cable system of a KONE MonoSpace elevator. He is wearing grey work gloves and is focused on adjusting a green component of the machinery. The background shows the complex metal structure of the elevator shaft with various cables and pulleys.

ENHANCING YOUR KONE MONOSPACE® ELEVATOR WITH SMART UPGRADES

KONE MonoSpace® elevators

UPGRADING YOUR KONE MONOSPACE[®] ELEVATOR

A QUICK AND SEAMLESS PROCESS

Whatever options you select, our experts ensure that the entire upgrade process proceeds smoothly from start to finish – most upgrades are completed within a few days. Our goal is that your elevator runs in the most efficient, safe and comfortable manner for years to come.

THREE EASY STEPS TO YOUR UPGRADED ELEVATOR

1 RECOMMENDATION OF UPGRADE



2 INSTALLATION OF NEW COMPONENTS



3 COMPLETION AND QUALITY INSPECTION






Energy saved

Installing a regenerative drive module and new LED lighting with standby solutions can reduce your energy costs up to 50%.



IT'S TIME TO TAKE A FRESH LOOK AT YOUR KONE MONOSPACE® ELEVATOR

Time takes its toll – even on elevators. After years of reliable service and countless rides, your KONE MonoSpace® elevator requires a little rejuvenation. In the years since your KONE elevator was installed, we have made important technical advances to enhance its safety, performance, energy efficiency, comfort and general appearance. We have a wide range of quick-to-install modular upgrade solutions to suit all needs and budgets, covering the following key areas.

BENEFITS	▼ UPGRADE PACKAGES
 <p>Optimised energy efficiency Our upgrades deliver energy-efficient improvements that enable significant savings. Installing a regenerative drive module and new LED lighting with standby solutions can reduce your energy costs up to 50%.</p>	<ul style="list-style-type: none"> ▶ Electrification upgrade ▶ Regenerative drive module ▶ LED car lighting
 <p>Increased performance and reliability You can also make significant improvements to your elevator's performance and reliability. We can for example change your elevator's car door operator while increasing the performance and reducing call outs.</p>	<ul style="list-style-type: none"> ▶ Electrification upgrade ▶ KONE ReNova™ car door upgrade ▶ Drive replacement ▶ Sliding shoe replacements ▶ Brake noise reduction kits
 <p>Uncompromised safety and peace of mind Safety is of course always a priority, and it's the details that matter. Voice announcer alerts users to opening and closing doors, and a voice link provides a direct two-way communication link between a passenger in the elevator car and the KONE Customer Care Centre.</p>	<ul style="list-style-type: none"> ▶ Electrification upgrade ▶ Voice Announcer ▶ Two Way Voice link with GSM module ▶ Uncontrolled Car Movement detection
 <p>Unique design Our highly reliable signalisation system provides a stylish, updated look.</p>	<ul style="list-style-type: none"> ▶ Signalisation upgrade
 <p>Enhanced accessibility Making sure all passengers can use your elevator smoothly and safely is important. Installing a new drive improves levelling, and upgrading the elevator doors enhances accessibility.</p>	<ul style="list-style-type: none"> ▶ KONE ReNova car door upgrade ▶ Drive replacement



Challenge:

Your elevator's ride comfort and levelling accuracy may have deteriorated over time, or there may be new requirements that your existing equipment simply cannot meet.

Benefits:

- Maximised availability enabled by the latest generation electrification with high reliability, combined with improved diagnostics and easier, faster fault finding.
- Maximum reliability and performance, improved ride comfort, and accurate levelling enabled by modern drives.
- Safe operation ensured through continuous monitoring for short circuit or over-connection of the elevator's safety functions.
- Eco-efficient performance associated with today's elevator installations. Idle and standby modes combined with improved drive efficiency reduce energy consumption. Upgrading the elevator with an optional regenerative drive enables further energy savings.



Challenge:

Older signalisation systems can suffer from technical problems, present accessibility challenges, and may also look outdated and worn. Clear guidance is critical for all passengers, but particularly those with visual impairments.

Benefits:

- Modern signalisation that complies with the EN81-70 accessibility code.
- A wide range of signalisation types with visually appealing designs for all applications.
- Reliable operation that minimises elevator downtime.



KONE MONOSPACE® CAR UPGRADE



Challenge:

Poor or broken car lighting, a lack of clear guidance, and the absence of a voice communication system are common complaints from elevator users and can create a negative impression of the building to your tenants or visitors.

Benefits:

- Improved eco-efficiency and reduced energy consumption.
- Long-life, energy efficient LED lighting that reduces repair-related elevator downtime.
- Voice announcer system provides clear guidance for visually impaired passengers.
- Voice link system that provides a direct two-way communication link between elevator passengers and the KONE Customer Care Centre in the event of emergency.
- New low-friction guide shoes that improve ride comfort and reduce noise and vibration.

KONE MONOSPACE® CAR DOOR OPERATOR UPGRADE



Challenge:

Car and landing doors account for more than 50% of the reliability issues found in existing elevators. The average door operator will perform millions of openings and closings during its lifetime, and will eventually need replacing.

Erratic and inconsistent door operation, high levels of noise, and lack of door reversal devices are all signs of an ageing door system.

Benefits:

- Reliable door operation that improves performance and traffic handling, with opening and closing speeds that can be adjusted according to the needs of the building.
- Modernisation solutions ranging from the replacement of key components to replacing the complete door system.
- Modern light curtain object-detection system that improves door safety.

KONE MONOSPACE® MACHINERY UPGRADE



Challenge:

Changes in your building's configuration may mean that tenants are located closer to the source of elevator machine brake noise than originally intended. In addition, older generation elevators may not be fitted with the latest brake safety devices.

Benefits:

- Our latest generation brake technology includes improved brake modules and dampening materials that significantly reduce elevator brake noise.
- The car is also monitored for uncontrolled movement and ascending car overspeed, which are then stopped via high powered, asbestos-free brakes applied directly to the traction sheave.

KONE CARE™ 24/7 CONNECT

With KONE Care 24/7 Connect, we can now better predict, maintain and take action before equipment breakage. For you, this means improved safety, full transparency and ease of mind. Because if something were to happen, we'd already know.

ADDED INTELLIGENCE – IT'S PREDICTIVE

Using the latest technology, the elevators can now speak their minds and keep technicians one step ahead of what's happening. The result? Fewer malfunctions, faster repairs and greater peace of mind for you.

ADDED SAFETY – KEEPING WATCH 24/7

Elevators are on duty 24/7, and so are we. If a problem occurs, detailed information tells us what's causing the issue and how urgent the matter is. By keeping watch round-the-clock, we can respond quickly in case of sudden malfunctions.

ADDED TRANSPARENCY – YOU'LL STAY IN THE KNOW

If critical faults are detected and a technician is alerted, you'll be informed immediately. When you're fully aware of what's going on, you can plan ahead and budget for future maintenance needs.



WHAT DO I GET WITH KONE CARE™ 24/7 CONNECT?



INSIGHTS INTO THE HEALTH OF YOUR ASSETS

Trustworthy, real-time data and insights on your asset health and maintenance needs.



TARGETED AND TAILORED MAINTENANCE

More targeted and tailored maintenance service based on the actual condition of your equipment.



NOTIFICATIONS AND REPORTS

Summary of your connected equipment portfolio and equipment status, and information on any urgent issues.



Contact us to discuss your project needs.

Our engineers and sales consultants are always available to answer questions and provide speedy quotations no matter the job.

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