

A woman with blonde hair, wearing a grey hat, a blue jacket, and a backpack, is riding an escalator. She is looking upwards and to the right, with her right hand resting on the handrail. The escalator steps are made of metal with a ribbed texture. The background is a dark, textured wall.

KEEPING YOUR BUSINESS RUNNING

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To stay relevant and ahead of the game, our upgrade solutions ensure that your escalators continue to be energy efficient, reliable, and comply with the latest escalator safety codes and standards.

By upgrading your escalator per module you benefit from the latest technology while keeping your equipment in line with the latest regulations, all with minimal inconvenience to tenants and visitors.

Contact your local KONE sales representative to find out more.

WHY UPGRADE WITH KONE?

1

An investment that pays off

Upgrading your escalator improves safety, reliability, accessibility, and visual appearance, and also lowers energy costs. Furthermore, the investments will have a positive effect on the total cost of ownership and extend the lifetime of your escalators.

2

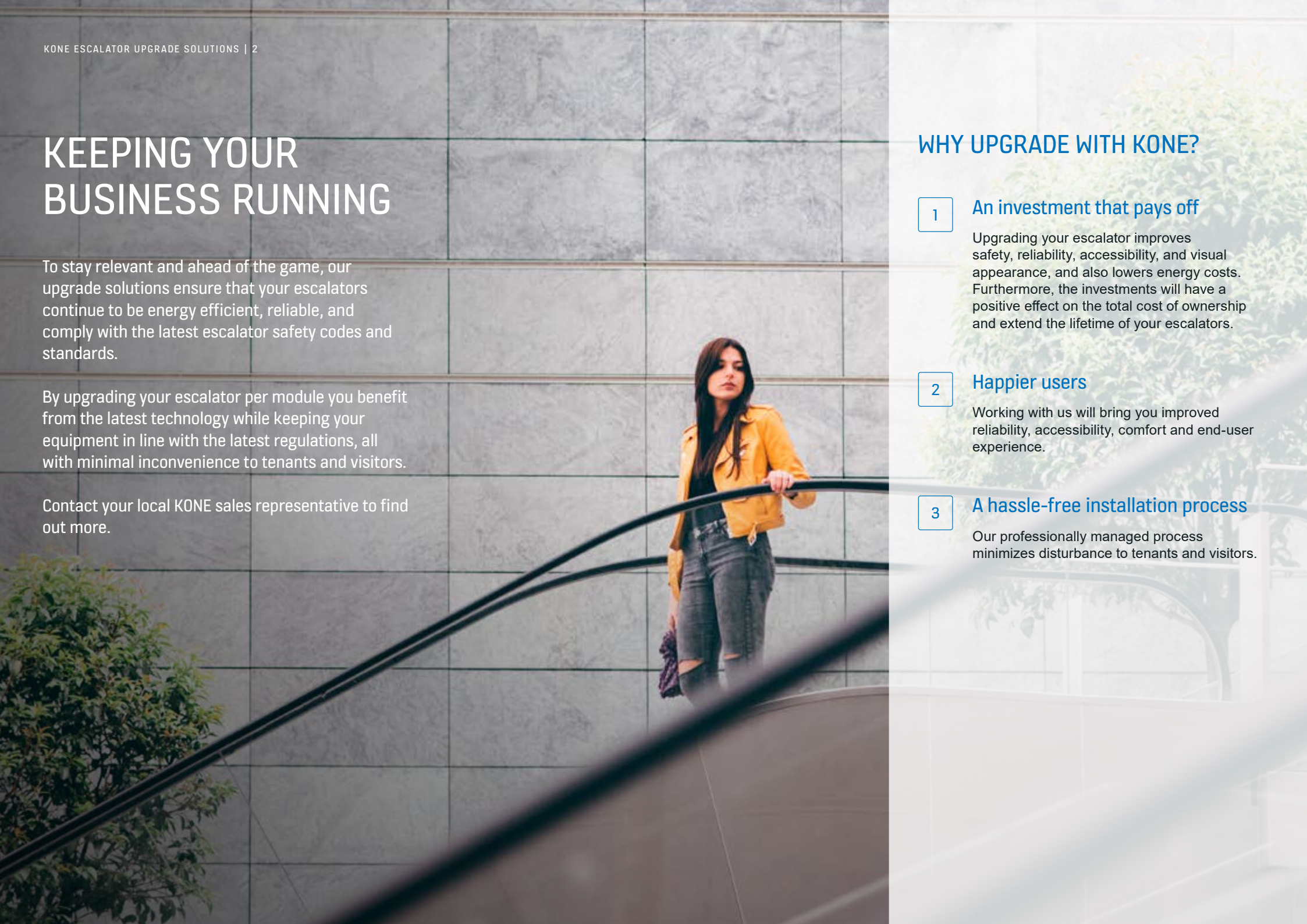
Happier users

Working with us will bring you improved reliability, accessibility, comfort and end-user experience.

3

A hassle-free installation process

Our professionally managed process minimizes disturbance to tenants and visitors.



KONE ESCALATOR ELECTRIFICATION UPGRADE

Our electrification upgrade is designed for escalators in busy commercial environments such as retail centres and transit hubs, where smooth people flow is critical to business and long periods of downtime are simply not an option.

We offer both partial and full electrification upgrades for escalators. With a full upgrade we replace the control system, install modern safety devices compliant with the EN 115-1 standard, and fit an inverter that enables energy-saving standby speed and on-demand operation.

KEY BENEFITS

- ✓ Improved safety and ride comfort
- ✓ Enhanced reliability and availability
- ✓ Lower running costs due to reduced energy consumption
- ✓ Easier and more cost-efficient maintenance

KONE ESCALATOR DRIVE UPGRADE

Our drive upgrade package is designed for indoor escalators in high-traffic environments where smooth people flow is critical to business. These include buildings like department stores, shopping centers, or transit hubs, where long periods of downtime are simply not an option, meaning excellent reliability is extremely important.

We replace the drive station with a modern, eco-efficient drive and upgrade selected handrail components. Add value of reliability, availability and lifetime extension of the asset. With this upgrade you also have the option to install modern safety devices – including step guard and step sag switches – compliant with the EN 115-1 standard.

KEY BENEFITS

- ✓ Enhanced safety with added step guard switch and step sag switches
- ✓ Improved reliability and availability
- ✓ Lower running costs due to reduced energy consumption
- ✓ Easier and more cost-efficient maintenance
- ✓ Improved ride comfort



FOR A CLEAN AND SAFE RIDE EXPERIENCE

Protect your customers with automatic and continuous liquid-based cleaning, significantly reducing bacteria and viruses from the handrail.



EFFECTIVE

Triple cleaning: three methods in one device
Automatically reduces bacteria, viruses and dirt from all sides of the handrail surface. Proven effective against bacteria and viruses, validated by the Technical Research Center of Finland (VTT).



SAFE

All openings are enclosed - no gaps means minimized pinching risk
Robust structure
Fixed firmly in place



VISIBLE

High quality KONE design with customizable on-screen content
Encourage your customers to hold the handrail safely

KEY BENEFITS

- ✓ Comfort, safety and well-being
- ✓ Peace of mind
- ✓ Cleaner handrails

REDUCED ENVIRONMENTAL IMPACT

KONE has always been a leader in energy saving and innovative technology in the industry, and enjoys a world-wide reputation. All our commercial escalator products meet the requirements of A-level energy consumption standards.

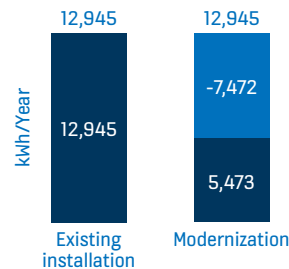
Installing an eco-efficient KONE escalator solution helps extend the lifetime of your equipment and can achieve green building accreditations such as LEED or BREEAM certification.

4 WAYS TO MAKE YOUR ESCALATOR MORE ECO-EFFICIENT:

- **HIGH EFFICIENCY MOTORS** minimize energy consumption at full speed.
- **LUBRICATION-FREE STEP CHAIN** means no oil, a cleaner escalator and environment, reduced fire hazard, simpler cleaning and easier maintenance.
- **LONG-LASTING LED LIGHTING** is up to 80% more efficient than fluorescent lighting and lasts up to 10 times longer.
- **ECO-EFFICIENT OPERATIONAL MODES** save energy by slowing down or stopping the escalator completely when traffic is low. For example, when an escalator is empty, energy consumption is further reduced with KONE's smart star-delta operational mode, which regulates the current needed for different types of load situations.



56.1 % ENERGY SAVINGS



For a typical commercial escalator modernization using both the electrification and drive upgrade packages.

Disclaimer: The results of the EnerCal energy calculation tool are based on the typical energy consumption of KONE products. The results are KONE's best estimates of the annual energy consumption but the real-life values may vary depending on the actual installation. KONE does not give any representations or warranties that these calculations are accurate or correct and shall not be liable for any possible damage arising in connection with the use of these calculations.



PLAN FOR SUCCESS WITH KONE AS YOUR PARTNER

Continuously optimize 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 behavior 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 installing your escalator. 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 escalator operates reliably and safely for its entire lifespan with a customized KONE Care™ preventive maintenance package.

FOUR EASY STEPS TO AN UPGRADED ESCALATOR



1 Fact-finding

- We'll carry out a detailed site survey to learn more about what kinds of upgrades would be best for your escalator and building.
- As part of this process we'll talk to the building owner and residents 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 helping our customers manage the smooth flow of people and goods throughout their buildings.

Our commitment to customers is present in all KONE solutions. This makes us a reliable partner throughout the life cycle of the building. We challenge the conventional wisdom of the industry. We are fast, flexible, and we have a well-deserved reputation as a technology leader, with such innovations as KONE MonoSpace® DX, KONE NanoSpace™ and KONE UltraRope®.

KONE employs close to 57,000 dedicated experts to serve you globally and locally.

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