

The heart of your building™



MODULAR MODERNIZATION SOLUTIONS

KONE Cars, Interiors and Signalization



Value for your building

The purpose of KONE modernization solutions is quite simple: to increase the value of your building by keeping the elevators and escalators running safely and reliably for the lifetime of your building.

KONE, a world leader in people-flow management, has created an impressive portfolio of modernization tools and processes. With the KONE Care for Life™ service, KONE conducts a full analysis of your current installation and prepares a modernization plan to raise the elevator to modern standards of performance, safety, aesthetics and accessibility.

To suit the modernization needs identified by the KONE Care for Life™ service, KONE can offer modernization solutions ranging from individual

elevator parts, to modernization packages, to full replacement solutions.

Car modernization solutions

Quite often an elevator's mechanical systems are still in good shape, but the car interior is worn, scratched and out-of-date. In cases like these, you can get an elevator that looks like new, without having to replace the entire installation. This saves both money and time – we can install a new elevator car in as little as one working day.

KONE elevator car modernization solutions have been developed to integrate smoothly with existing installations. The KONE ReFresh™ solution, including automatic doors, is specifically designed for



installations previously without a car door. The KONE MCD™ car solution is for the most demanding applications requiring the highest standard of ride comfort.

The KONE ReFresh™ car solution is designed to slot into the existing elevator support mechanism, which greatly reduces installation time. Its weight, including the new doors, is calculated to be within the range of the cabin it replaces, so no extra work needs to be done to the building or the elevator installation. This again saves time and costs, and avoids nuisance for the tenants.

KONE ReFresh™ and KONE MCD™ have been designed to meet the EN81-80 safety norms.

Automatic doors open at the touch of a button, so there's no hassle when moving in or out of a cabin. An in-cabin two-way communications device puts passengers immediately in contact with a KONE service center, in the unlikely event of a malfunction.

The standard Car Operating Panel meets current safety requirements, and its ergonomic call buttons are easy to operate. Ventilation apertures are included in the cabin design, complying with modern safety standards.



Door solutions

Usually, when a new door is added to a car, it adds weight and takes space. KONE ReNova™ Slim doors, together with the light but strong KONE ReFresh™ cabin, ensure that you do not lose any car capacity due to the modernization. The unique KONE ReNova™ Slim doors open wider than normal doors. Handrails further improve accessibility and meet disabled access regulations. Depending on your current elevator size, it may be possible to accommodate wheelchairs.

Design solutions

An agreeable selection of wall, floor and ceiling materials allows you to integrate the modernized elevator car with the original style and décor of almost any building. Modern LED spots create a pleasant ambience – and last considerably longer than comparable halogen spots. They also use significantly less energy.

The value of peace of mind

KONE ReVive™ Signalization

Signalization systems are critical elevator components, allowing passengers to control their journey while informing them about the car's position. Worn-out equipment often generates faltering performance, creating passenger frustration and ultimately affecting a property's value. The KONE ReVive™ signalization system offers a solution that will improve almost any existing elevator system.

KONE modular signalization solutions cover the whole range of elevators. The same reliable core technology can be tailored to provide the right solution for any elevator, from low-rise residential buildings to high-rise office blocks. The KONE modular signalization solution can be combined with other KONE modular modernization solutions, such as electrification, door, and hoisting, to create the most suitable modernization solution.

KONE ReVive™ complies with the European elevator accessibility code EN81-70. The position, layout, size and characteristics of call buttons meet its accessibility requirements. Call buttons at landings and inside the car provide a visible and audible feedback signal when

pressed. Before a passenger enters the car, the direction of travel is clearly indicated by illuminated indicator arrows. An audible signal is heard when the car is approaching. Inside the car, the car position display indicates the car's location and direction of travel. The alarm button remains illuminated even when the power supply is off, so it is easily visible to give access to KONE Customer Care Center.

KONE ReVive™ has a wide variety of aesthetic variants to match different interior designs. Signalization devices are available as flush-mounted and surface-mounted versions to match the other design elements. Different faceplate materials as well as different colors in the call buttons and indicators are available to create a harmonized aesthetic solution.

For the most demanding environments, KONE ReVive™ Vandal signalization meets the new EN81-71 Category 1 (moderate vandal acts) code. The robust design together with careful material selection discourages vandalism and helps keep the signalization units operational and aesthetically attractive.



KONE Voice Link™ –

KONE Remote Monitoring Services™

Whenever signalization is modernized, it comes equipped with KONE Voice Link™, which gives elevator passengers round-the-clock, two-way voice communication with the KONE Customer Care Center™. Thanks to automatic transmission of the equipment location, our operator is able to dispatch the service technician immediately, and calls the passengers back to inform them when KONE service will arrive.

KONE Polaris™ destination control system

The KONE Polaris™ destination control system can significantly reduce overall times to the destination. KONE Polaris™ increases the handling capacity of an elevator group in a high-rise building by 20 to 100% for incoming traffic during peak periods – but this is not at the expense of passenger comfort. On the contrary, car loads are low – and passenger comfort is high – compared to elevator groups using a conventional control system.



KONE is a global leader in providing complete and innovative solutions for the design, installation, modernization and maintenance of elevators and escalators and the maintenance of automatic building doors. Our 29,000 dedicated employees serve you in 49 countries.

KONE cooperates closely with you from the earliest stages of a project in order to ensure the smooth flow of people and goods throughout your facilities for their entire lifetime. Life-cycle thinking underlies our commitment to proactive, reliable service and modernization solutions. KONE serves you locally as well as globally, for example in the Trump Tower in Chicago, Swiss Re in London and Beijing International Airport.

KONE Corporation
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