

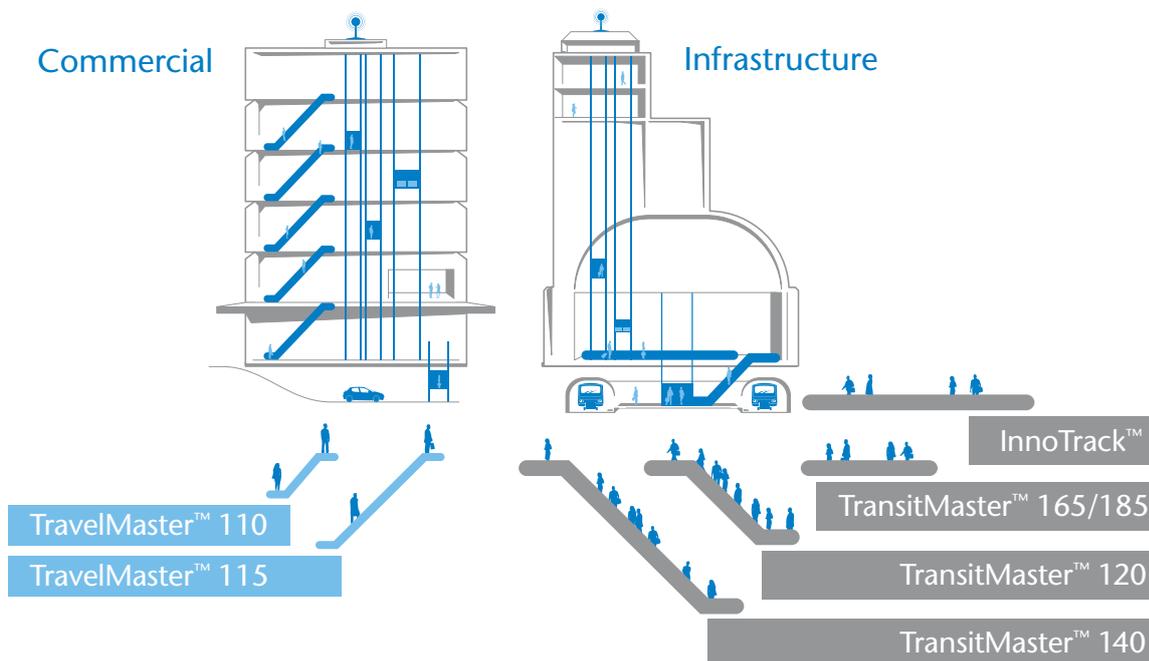
Dedicated to People Flow™



KONE Escalator and Autowalk Solutions

Optimizing People Flow™ with KONE escalators and autowalks

KONE is dedicated to providing the best People Flow experience. We do this by developing and delivering solutions that help people move smoothly, safely, and without delay around their increasingly urbanized environments.



A harmonized and flexible product portfolio for a range of environments

With KONE you benefit from a flexible, reliable range of escalators and autowalks that can be tailored to a wide range of applications. As your expert consulting partner, KONE provides support at the earliest stages of the project, when the building is still just a vision, giving assistance in planning, budgeting, and selecting the appropriate solution – during the construction of your building and when maintaining and modernizing over the years to come.

KONE's escalators and autowalks are all based on the same reliable technology and modern visual design to ensure high quality, safe solutions, and low total cost of ownership. From small commercial centers to busy transit hubs, the flexible product portfolio comprises solutions for all segments.

Groundbreaking innovations

KONE EcoMod™ is a complete escalator modernization solution that offers an innovative and eco-efficient technology for replacing the entire workings of your escalators – without expensive and disruptive truss removal.

KONE InnoTrack™ is the first autowalk that does not need a pit. Its revolutionary design means you can install it in finished buildings on any floor. You can shorten it, lengthen it, change the color, or re-install it at another location.



Full support throughout your building's whole life cycle

1. Planning and design services

- Expert advice on design issues
- Planning tools
- Online specification tools and CAD drawings

2. Construction services

- Professional project management
- Efficient installation methods
- Well-planned logistics

3. Maintenance services

- Preventive maintenance activities
- Monitoring and reporting systems
- 24/7 KONE Customer Care Center™

4. Modernization services

- KONE Care for Life™ equipment assessment
- Small repairs and modular modernization
- Full replacement

Pioneering Eco-Efficient™ solutions that reduce your carbon footprint - and save energy costs

KONE is constantly developing new solutions that make escalators and autowalks more energy efficient. As energy is the largest component in the total cost of ownership of an escalator, significant savings can be made over the lifetime of the equipment by various eco-efficient options. These include energy efficient LED lighting and operational modes that turn off or slow down the escalator when not in use.

KONE can provide you with project-specific energy consumption calculations as well as Environmental Product Declarations for its solutions. These declarations provide detailed data on the material composition and lifecycle impact of our products.

Solutions to keep your business moving

Retail environments, hotels, hospitals, and offices all have unique requirements when it comes to optimizing their People Flow™. In shopping centers, for example, encouraging customers to use sales areas on upper floor levels can be best achieved by positioning escalators near the main entrance.

Well-planned and balanced People Flow helps to both guide shoppers to less-visited areas and maximize the time they spend in the retail environment. A successful solution integrates seamlessly with the building design and helps people reach their destination smoothly and comfortably. KONE's solutions reflect our deep understanding of the commercial buildings' requirements – and how to meet them.

Customer requirement:

A solution that matches the building's ambience



KONE solution:

- Harmonized look and feel across the entire portfolio
- Wide range of visual options, including cladding materials, access cover designs and LED lighting solutions
- KONE MovingMedia™ step, which utilizes the escalator step riser as advertising space

An enjoyable shopping experience



- Comfortable ride with low noise levels
- Escalator step lighting to improve safety
- Visually appealing equipment design

Environmental sustainability



- Various operational modes that slow down or stop the escalator when traffic volume is low
- Wide range of modern LED lighting solutions that reduce energy consumption

Eliminate sales disruption and maximize revenue



- Maintenance and other services customized to meet the building operator's needs
- Installation, modernization, and regular maintenance services available outside normal working hours to help prevent disruption of business
- Rapid-response maintenance services in case of breakdowns

KONE references:

Retail:

Debenhams retail chain, UK
313@Somerset, Singapore
Vulcano Buono, Naples, Italy
Cours Oxygène, Lyon, France

Other buildings:

Meydan Racecourse, Dubai, United Arab Emirates
National Grand Theater, Beijing, China
Marina Bay Sands™ Integrated Resort, Singapore
Vichaiyut Hospital, Bangkok, Thailand



Innovative thinking

KONE MovingMedia™

KONE MovingMedia is an effective new way of advertising that uses highly visible and distinctive messages located on the escalator's step riser. In addition to advertisements, it can also be used for displaying safety information and directional signs. KONE MovingMedia messages are enclosed in a fire-resistant, polycarbonate-covered recess.



LED lighting

A wide variety of LED lighting options are available for handrail, skirt, comb and soffit. These can save up to 80% compared to conventional lighting. LED lights also have extended service life – approximately double that of conventional lighting solutions.



every step of the way

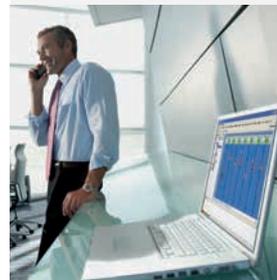
Harmonized visual design

All KONE escalators and autowalks have a harmonized visual design and they can be easily integrated to the buildings visual appearance. Lighting can help guide passengers and improve safety; it can also be a distinctive feature of the décor. A wide range of balustrade and cladding designs are available to enhance the escalator's appearance and reflect the building's image.



E-link

KONE E-Link allows you to monitor your elevator and escalator systems in one or several buildings from one location. E-Link is a full-featured facilities management tool designed to secure the best possible tenant service quality, reliability, and efficiency of the elevators and escalators in your building. With E-Link, escalators can be shut down when not in use, saving energy.



Solutions for places where every minute counts

Infrastructure environments, have diverse requirements, ranging from lighter applications in airports to heavy-duty applications in transit centers. In airports, passengers need to be able to move quickly and efficiently between the check-in areas and departure gates in order to reach the aircraft in good time. In the case of metro systems, People Flow solutions must be able to cope with large passenger volumes in short periods of time.

Well-planned, efficient solutions enable passengers to move off the platforms in a smooth and orderly manner, as well as contribute to a more comfortable travel experience. The metro systems of Delhi and Helsinki, for example, are very different in terms of passenger numbers, but KONE's flexible offering and understanding of their unique requirements provided both with the optimal People Flow solution.

Customer requirement:

Round-the-clock availability



KONE solution:

- High quality, reliable equipment that minimizes downtime and maximizes the passenger experience

Low life cycle cost and environmental sustainability



- Equipment that is cost-competitive throughout its entire life cycle, supported by customized maintenance services and extensive spare parts availability
- Eco-efficient solutions and operation, proactive maintenance, and innovative modernization solutions that help lower the total cost of ownership over the equipment's lifetime

Flexible solutions for a wide range of applications



- Wide range of options for enhancing visual appearance of equipment, including durable, vandal-resistant solutions and materials
- All KONE solutions can be tailored to match specific project requirements
- Easy interface with KONE E-link – a full-featured facilities management tool which helps maximize tenant service quality, reliability, and elevator and escalator efficiency

A trusted partner with proven competence and capabilities



- A one-stop-shop partner, from project planning and installation to maintenance and modernization
- A wide range of high-profile reference projects
- A reliable and trusted partner

KONE references:

- Airports:**
 Heathrow Airport, London, UK
 Schiphol Airport, Amsterdam, The Netherlands
 Los Angeles International Airport, USA
 Hongqiao International Airport, Shanghai, China

- Transit centers:**
 Delhi Metro, India
 Singapore MRT Circle Line, Singapore
 New York City subway, USA
 London Underground, UK





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[®], KONE NanoSpace[™] and KONE UltraRope[®].

KONE employs close to 50,000 dedicated experts to serve you globally and locally.

KONE Corporation
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