

A person wearing a dark jacket, blue jeans, and brown shoes is walking up a modern, brightly lit escalator. The escalator has a metallic, ribbed surface and is flanked by sleek, curved metal railings. The lighting is bright and even, highlighting the clean, modern design of the escalator. The person is seen from behind, carrying a dark backpack.

FOR HEALTHIER AND
SAFER FLOW OF PEOPLE IN
OUR URBAN ENVIRONMENTS

KONE HEALTH AND WELL-BEING SOLUTIONS

Peoples' interaction with their everyday environments is changing: The creation and maintenance of safe and clean spaces have become and will remain a top priority and area of concern.

KONE's expertise in people flow planning, combined with a suite of health and wellbeing solutions, will help to redefine and sustain healthier and safer user journeys for all.



SERVICE SOLUTIONS

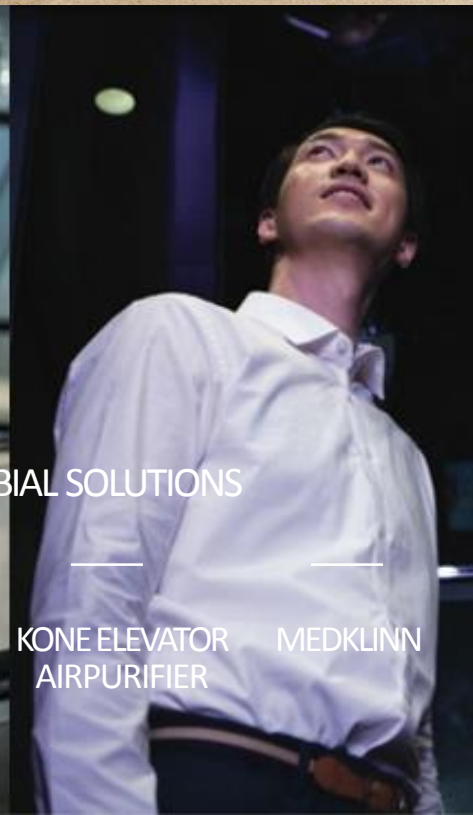
KONE PEOPLE FLOW
AND PLANNING
CONSULTING



KONE 24/7 CONNECTED
SERVICES

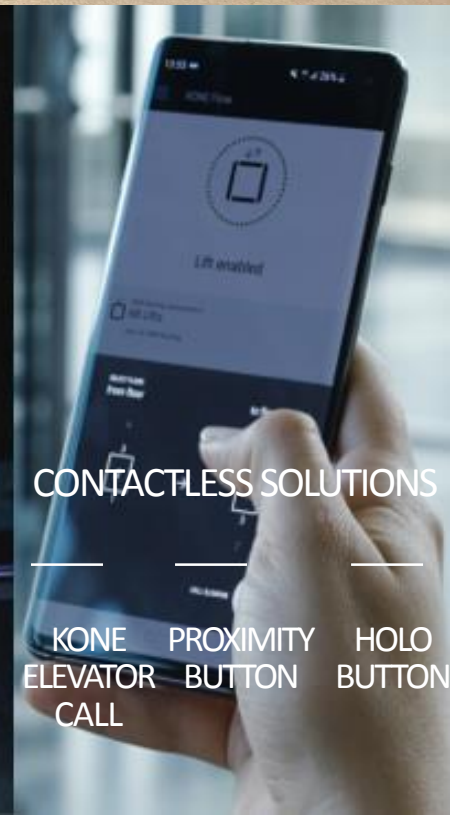


KONE HANDRAIL
SANITIZER



KONE ELEVATOR
AIRPURIFIER

MEDKLINN



CONTACTLESS SOLUTIONS

KONE ELEVATOR
CALL

PROXIMITY
BUTTON

HOLO
BUTTON

SERVICE SOLUTIONS

KONE PEOPLE FLOW AND PLANNING CONSULTING

Build greener and make sure your project ticks all the boxes when it comes to industry codes and standards, safe and sustainable materials, and expert support.

SERVICES



TIER 1 SERVICE BEST PRACTICES AND GUIDELINES

We provide you with segment specific people flow examples and introduce to you KONE's health and safety guidelines and how to integrate it with our health and safety solutions.



TIER 2 SERVICE DATA INTO INSIGHTS

We provide you with customer specific elevator traffic analysis and safe lobby guidelines, to support re-entry into workplaces in a controlled manner that minimizes health and safety issues.



TIER 3 SERVICE PEOPLE FLOW PLANNING AND CONSULTING

A holistic service solution delivered by a team of architects, elevator specialists and data scientists. This is a be-spoke service solution that is fully customized according to your needs.



SERVICE SOLUTIONS

KONE 24/7 CONNECTED SERVICES

Experience peace of mind with predictive maintenance technology that helps us to predict, maintain and take preventive action before any breakage occurs; providing improved safety, full transparency and ease of mind.

KEY BENEFITS



Maximize Equipment Availability

Minimize disruptions and maximize availability of critical elevators to guarantee optimal flow of people in and around buildings



Efficient Maintenance

Utilize predictive maintenance technology to optimize on-site maintenance with respect to environmental limitations



Transparency

Full access to information on equipment status and performance anytime, anywhere

HOW DOES IT WORK

1

System constantly monitors critical parameters and analyzes maintenance needs and predicts faults

2

Service technicians are provided with right information at right time to maximize service visits efficiency

3

Instantaneous access to information on your equipment through KONE Online and KONE mobile app anytime, anywhere

MORE INFORMATION



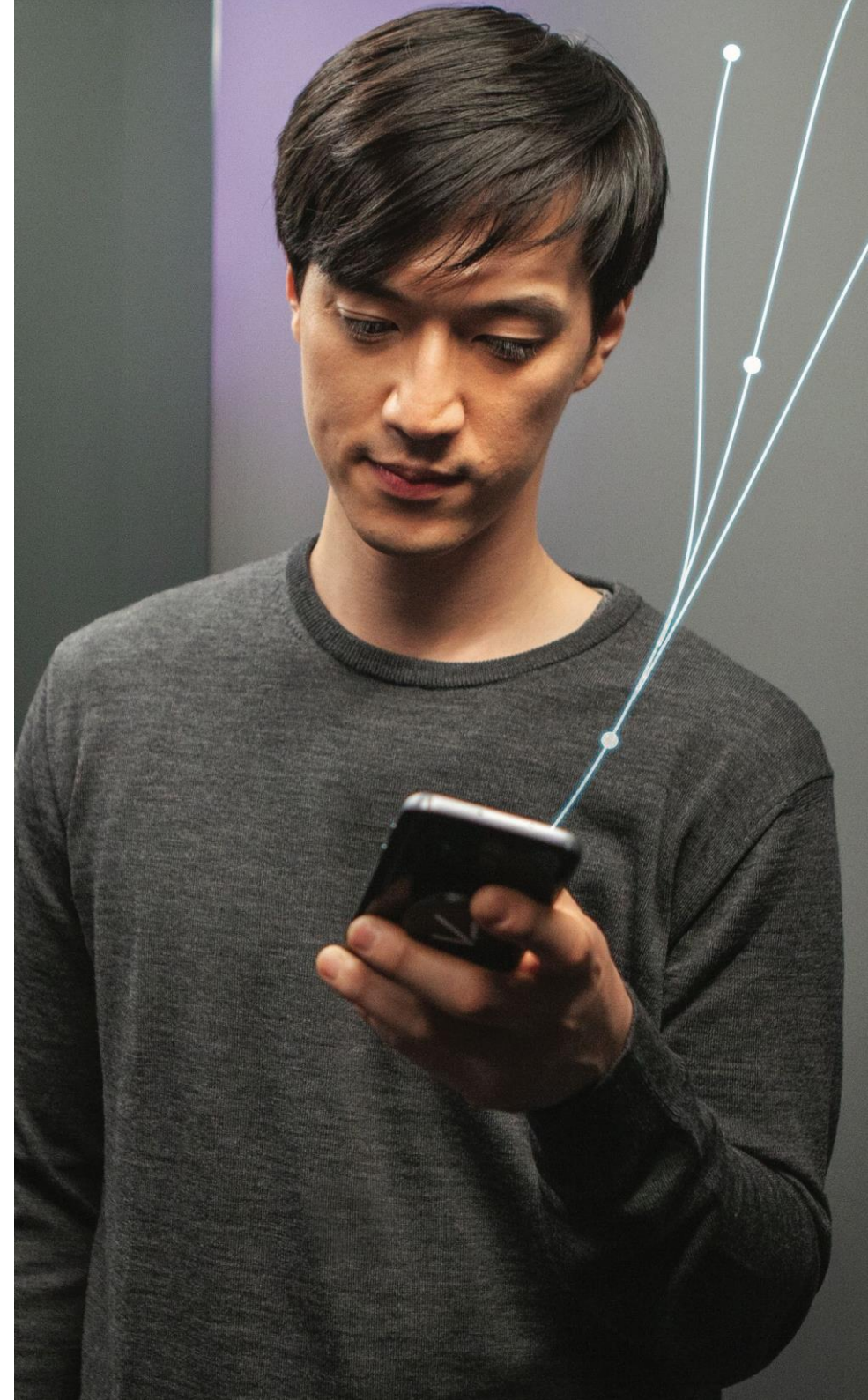
28%

fewer callouts after the first 2 years



60%

Of all potential faults were identified proactively during the first 2 years



ANTI-MICROBIAL SOLUTIONS

KONE HANDRAIL SANITIZER

Experience a safer and healthier ride with chemical-free UV-C cleaning solutions, utilizing ultraviolet light to reduce germs on handrails.

KEY BENEFITS

- 

Chemical-free
Ultraviolet light is used to gradually disinfect escalator handrails
- 

Versatile
Compatible with all KONE and non-KONE escalators and autowalks
- 

Zero Negative Impact
Has no impact on handrail lifetime or energy consumption
- 

Unobtrusive
Handrail sanitizer is installed within and out of sight
- 

Safe for Use
Suitable for indoor and outdoor environment

HOW DOES IT WORK

- 1

Exposure to ultraviolet radiation helps reduce and inhibit the reproduction of microorganisms such as bacteria
- 2

The ultraviolet light is shut down when the escalator is not running
- 3

Users are encouraged to hold the handrail by visible stickers supplied with the device
- 4

Compatible with all KONE and non-KONE escalators and autowalks

MORE INFORMATION			
FEATURE	DETAILS	FEATURE	DETAILS
Input voltage	DC24V±10%	Operation relative humidity	≤95%
Input current	<0.15A	Storage environment	-30°C ... +70°C
Wavelength	270...285nm	Best disinfection distance	≤25mm (vertical distance between surface of lamp and handrail)
Design lifetime	10 000 hours	Material	PC, SUS304, Quartz glass
IP protection level	IP55	On and off time	> 300 000 times
Working temperature	-25°C ... +60°C		



ANTI-MICROBIAL SOLUTIONS

KONE ELEVATOR AIRPURIFIER

Experience improved elevator rides with cleaner and improved air quality by reducing pollutants, germs and odors.

KEY BENEFITS



Chemical-free
Improves air quality inside elevator without use of chemicals



Quick and Easy to Install
Deliver a safer and healthier elevator ride with ease



Enhance Passenger Experience
Reduces air impurities in elevators

HOW DOES IT WORK

- 1

The air from the elevator cabin is drawn into the purifier by a centrifugal fan
- 2

The air flows through a polyester filter which retains dust and other larger particles
- 3

A fan pushes the air through a catalyzer. In the catalyzer, UV light combined with a photocatalysis reaction creates oxidizers, which significantly reduce odors, air pollutants, VOC's (chemical odors), smoke, mold and bacteria in the air

MORE INFORMATION	
FEATURE	DETAILS
Ventilation factor	Airflow is up to 39m³/h, and passes through the KONE Elevator AirPurifier up to 12 times/hour in a reference car size of 1100mm x 1400mm x 2100mm.
Photocatalyst reaction	The photocatalyst reaction generates hydrogen peroxide in small quantities (below 0.02 PPM) and is effective in reducing the microbial load in the air.
Patented PCO™ (Photocatalytic Oxidation) Dust Free	The Dust Free module (UV lamp + catalyzer) generates natural hydroxyl radicals. These hydroxyl radicals are able to destroy most pollutants in the air.
Maintenance and repairs	Regular maintenance includes for example replacement of the filter and UV lamp with the expected lifetime of 1 years at 100% performance.
Ventilation factor	KONE Elevator AirPurifiers can be applied to any elevator types with the following limitations: <ul style="list-style-type: none">– At least 70 mm gap between the suspended ceiling and the car roof– At least about 20-25 mm gap between the ceiling panels and side/back walls Placement of the KONE Elevator AirPurifier might be affected by the design of the ceiling (position and size of spotlights or lamps) and the car roof



Inform passengers with KONE Elevator AirPurifier stickers placed inside the elevator.



ANTI-MICROBIAL SOLUTIONS

MEDKLINN STERILIZER

Experience Cerafusion Technology that create ozone and negative charged ion to improve elevator rides with cleaner and sterilize air and surface by reducing pollutants, germs and odors.

KEY BENEFITS



Chemical-free

Sterilize air and surface inside elevator without use of chemicals



Quick and Easy to Install

Deliver a safer and healthier elevator ride with ease



Enhance Passenger Experience

Reduces air impurities in elevators



Bacteria, viruses & moulds



Bad smells



Cigarette smells



VOCs & toxic gases



Dust mite allergens

HOW DOES IT WORK



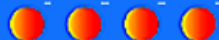
The O^3 molecule is made up of three oxygen



O^3 attaches itself onto harmful pollutants and destroys them on a molecular level.



O^- is a negatively – charged oxygen atom



O^- clusters harmful airborne particles together, causing them to fall to the surface.



Inform passengers with stickers placed inside the elevator.
Enjoy clean and purified air



CONTACTLESS SOLUTIONS

KONE ELEVATOR CALL

Enjoy touch-free journeys by utilizing smartphone control of elevators.

KEY BENEFITS



Truly touchless and safe

Control your elevator without touching any part of the elevator



Personalization

Add shortcuts to favorite floors and define "from" and "to" floors for every call



User-friendly

Intuitive and flexible user interface with easy access rights and user management via KONE Flow Manager tool



Differentiation

Smart solution enhances building navigation experience through smoother and safer elevator journeys

HOW DOES IT WORK

1

KONE Elevator Call is used the KONE Flow app install on user's handphone. Download the KONE Flow app from iOS or Android app stores

2

Use predefined shortcuts or make your own customized ones

3

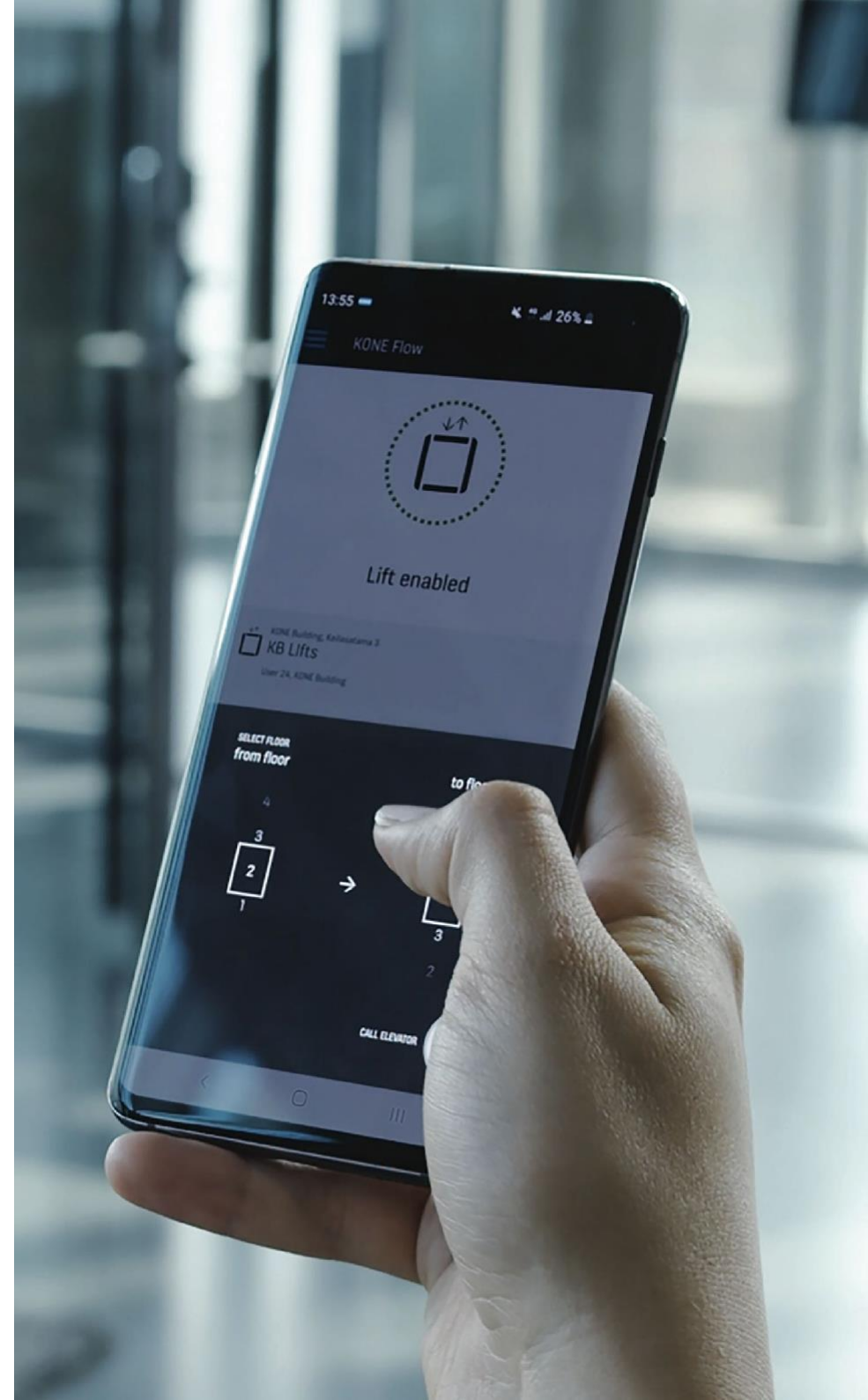
Utilize KONE Flow Manager tool for easy account creation, configuration and management of app users

MORE INFORMATION

Access to Cloud Application Programming Interfaces (APIs) is authenticated and encrypted. KONE Elevator Call's cloud services run on secure IoT cloud platforms

All elevators have independent control, emergency intercom, and safety systems. KONE Elevator Call operates separately from these

Our cybersecurity monitoring system alerts us to suspicious events to ensure a quick response to potentially harmful activity. We keep a constant eye on our digital environments



CONTACTLESS SOLUTIONS

KONE TOUCHLESS BUTTON, MODEL KDS 300 ROUND FLUSH TYPE

To install the touchless buttons for the existing conventional unit in the car operation panel and hall call button. This is to minimize contact to surface and reduce the chance of getting cross infection due to bacteria or viruses.

KEY BENEFITS



Reduce physical contact

Mitigate spread of infection.
Able to use touchless button to call an elevator at range of 15mm



Maintenance

Low maintenance.



Applicable

To all the KDS
MODEL 300 round
flush type

HOW DOES IT WORK

1

Approach the button approximately 13mm – 15mm and the button will light up.

2

Infrared sensor activated without physically pressing the button.

3

Wait patiently for the elevator to arrive.

MORE INFORMATION



Conventional button

Existing KDS 300 button that used to call the lift by pressing the button.



Proximity button

The new proximity sensor button to replace KDS 300 button by using infrared.



CONTACTLESS SOLUTIONS

HOLOGRAPHIC BUTTON

To install the holographic buttons for the existing conventional unit either to install in the car operation panel or hall call panel.

The installation of holographic will not bypass any access card system. This can help to prevent from touching the surface and improve the building value with the new technology.

KEY BENEFITS



Reduce physical contact
Mitigate spread of infection.
User press on the air which
Image projected in 3D
hologram.



Maintenance
Low maintenance.



Applicable
Compatible up to
60 floors and all
types of buttons.

HOW DOES IT WORK

- 1

Stand in front of the device and will see the 3D button image on the air.
- 2

This device uses highly sensitivity 3D mapping control to sense the movement.
- 3

Once the movement detected on the specific image, the designated floor button will light up.

MORE INFORMATION



Conventional button
Normal pressing
button use in lift



Car Operating Panel
or
Hall Call Button

Able to replace all
types of buttons



KONE provides innovative and energy 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 modernisation.

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 and we are dedicated to improving the flow of urban life.

We are fast, flexible, and we have a well-deserved reputation as a technology leader, with such innovations as KONE MonoSpace® and KONE UltraRope®.

KONE employs over 55,000 dedicated experts to serve you globally and locally. We have a team of over 1,500 staff around Australia and New Zealand.



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