

KONE



# DX

A NEW ERA OF DIGITAL ELEVATORS

## CONTENTS

KONE DX Class elevators intro	4
Connected elevators ready for future-proof buildings	6
Elevator Call API	11
Service Robot API	12
Equipment Status API	14
KONE SoundLight™	18
KONE Information 300	24
Dedicated Partner	28
KONE 24/7 connected services	30

# KONE DX CLASS ELEVATORS

## DIGITAL EXPERIENCES

THAT BOOST BUILDING INTELLIGENCE

KONE U MonoSpace® DX

KONE U MiniSpace™ DX

## KONE DX CLASS ELEVATORS

For buildings that aspire to be  
forever intelligent

In a connected world where rapidly implemented digital technologies define the way people work, live and move, smart buildings with efficient Building Management Systems are not only becoming an impressive reality but also an absolute necessity.

Machines, powered by Artificial Intelligence, now go beyond their original purpose to make everyday lives smarter, easier and enjoyable. So with elevators.

The KONE U MonoSpace® DX and KONE U MiniSpace™ DX offer **Digital Experiences** that redefine and transform a building's people flow to a whole new level. It is no longer about just moving people between floors, but creating futuristic experiences, right here and now.

## Add value with Connectivity

Connected elevator makes your building smarter and more desirable – increasing its attractiveness and making it a premium destination. Intelligent solutions and services enabled by the KONE Digital Platform, KONE Partner Ecosystem and Application Programming Interfaces (APIs) make life even easier for tenants, building managers and visitors alike.

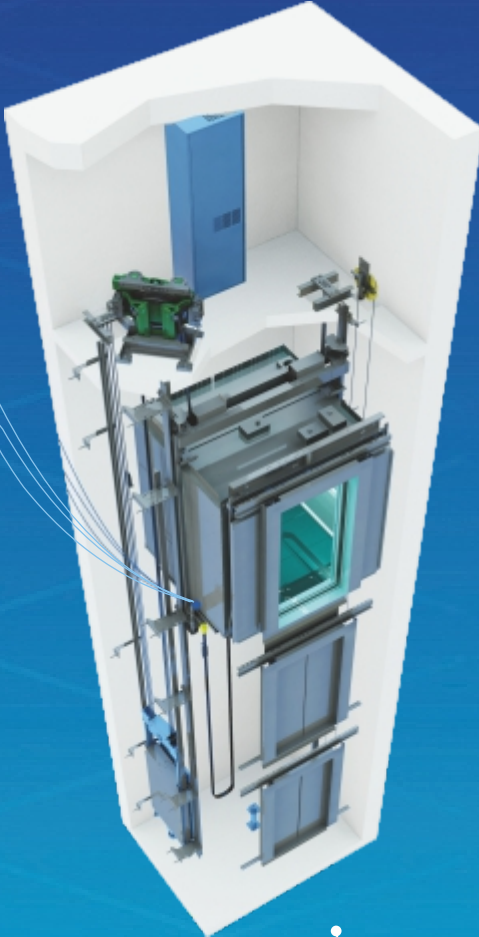
## Redefined User Experience

Make your building even more desirable by redefining the elevator user experience. Soothe users' senses and inspire positive moods with customizable car interior lighting designs and elevator music. Inform and entertain on the go with digitally connected screens. Show you care for their health with touchless signalization and other well-being solutions. Set your building apart, to an unparalleled level.

## Smart Building Partner

Make the right decision at every stage right from planning your smart building to its entire life cycle with our People Flow® experts and next generation planning tools. We also offer sustainable materials and technologies to help you achieve green building certifications and ensure compliance with safety codes and standards.

# Connected elevators ready for future-proof buildings



The KONE U MonoSpace® DX and KONE U MiniSpace™ DX with their built-in connectivity ensure interoperability not only with existing digital solutions but can also be seamlessly connected with new software innovations and smart building applications as they evolve, so that your buildings stay future-ready and never get obsolete at any point of time.

**Easy to Upgrade**  
As the building's needs change, easily upgrade by adding any new & futuristic connected solutions and services.

**Secure Connectivity**  
Peace-of-mind with assured cyber security and privacy designed into all digital services and connections

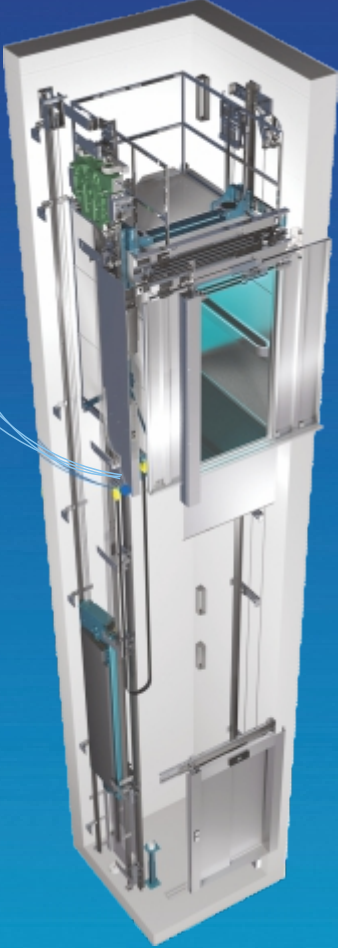
**24/7 Monitoring**  
Prompt care of digital assets now, and in future, through round the clock monitoring of digital environments

**Best-in-class Eco-efficiency**  
Powered by KONE EcoDisc with energy saving features and minimized carbon footprint

## KONE U MiniSpace™ DX

DX Key specifications

API ready	Connected solutions	Max. load capacity 1768 kg	Max. speed 2.5 m/s
Max. travel 135 m	Max. floors 48	Max. persons 26	Max. group size 4



## KONE U MonoSpace® DX

DX Key specifications

API ready	Connected solutions	Max. load capacity 1768 kg	Max. speed 2.5 m/s
Max. travel 90 m	Max. floors 32	Max. persons 26	Max. group size 4

# Automated building operations from KONE DX class elevators

The KONE U MonoSpace® DX and KONE U MiniSpace™ DX elevators with built-in Application Programming Interface (API) connectivity enabled

- 1 Access to KONE digital solutions
- 2 To co-innovate and co-create new solutions through KONE APIs with KONE Partner Ecosystem for efficient building operations and management
- 3 To integrate with existing applications or create your own applications that bring value to your building users





ADD VALUE WITH  
**CONNECTIVITY** →

## Connectivity for operational excellence and seamless flow experience

KONE Application Programming Interface Services are the foundation for your connected smart building, enabling interactions between its digital systems. KONE APIs integrate the elevator and its related data to the Building Management System for efficient and secure movement from entry to destination and back.

### Connect and create your own building solutions

- Smart building applications for office, hospital, retail, hotel and residential buildings
- Co-working and co-living spaces
- People Flow<sup>®</sup> management system
- Building operations management
- Service robots
- Guidance and navigation for the visually impaired



## Elevator Call API

### Integrated elevator call functionality

With an application implemented with elevator call functionality, tenants and visitors can call an elevator from anywhere in the building, operate it to move between floors and receive real-time data on the status of its movement.

- Seamless and secure movement across floors, avoiding waiting times and crowding
- With a dedicated building end-user app, tenants can quickly call an elevator remotely from their mobile phones and also follow its movement
- By integrating with visitor management, attendance management solutions and access management system at turnstiles, elevator is called automatically and takes to the destination floor
- Can be integrated with parking management solutions





Medicine transportation robots at hospitals



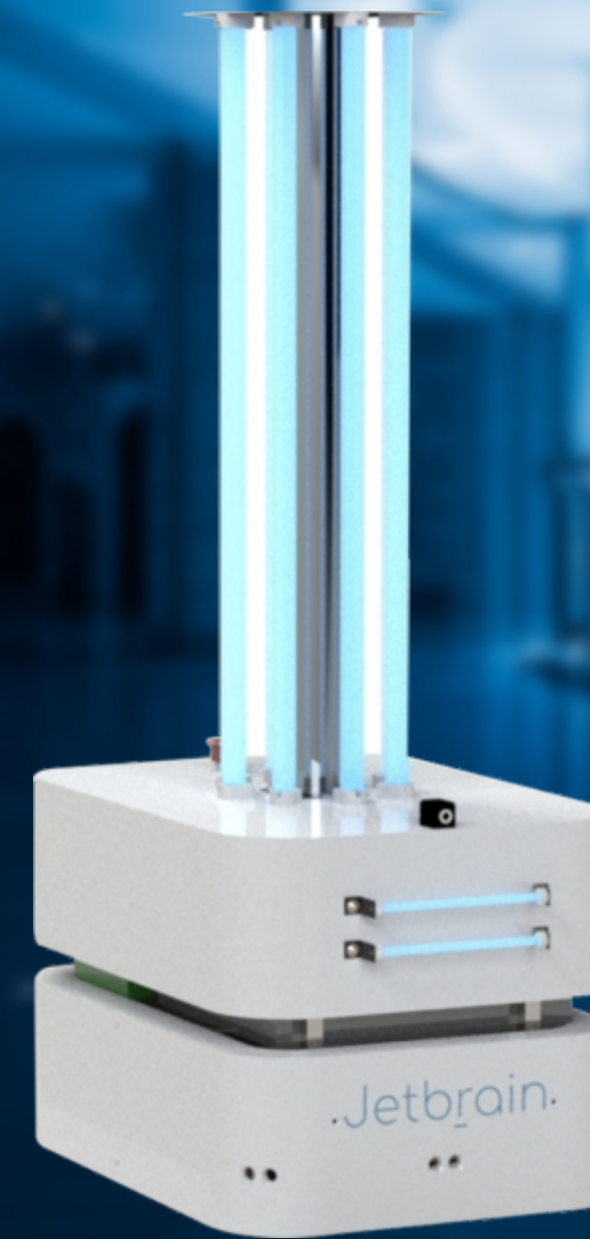
## Service Robot API

### Integrated autonomous robot services

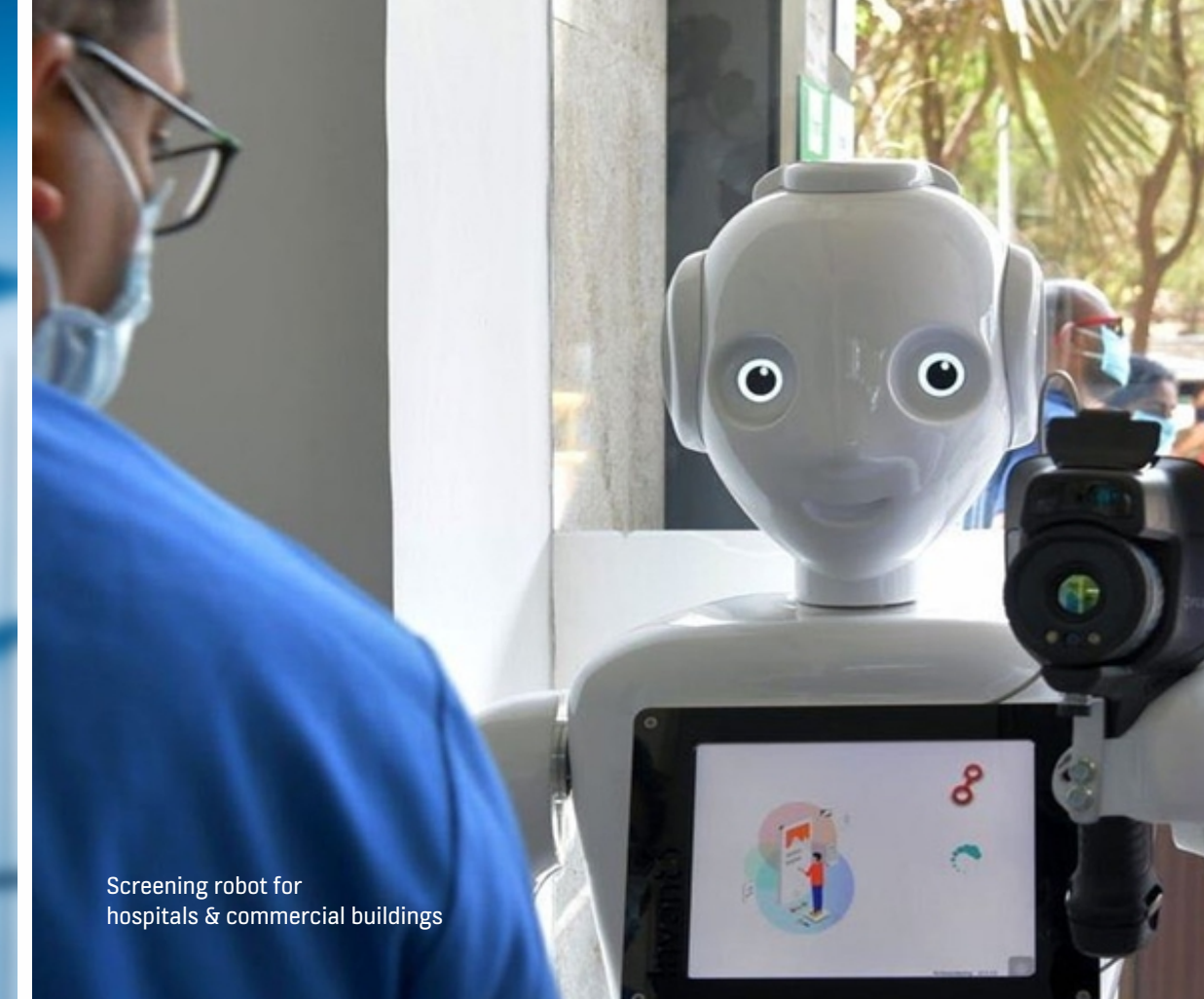
A variety of robots perform a multitude of services across various building segments and the need for them is set to only increase in the future. KONE API integration enables robots to call and use elevators autonomously. They can navigate and serve multiple floors efficiently without human intervention, while also eliminating the need for engaging floor-specific robots.

*Service Robot API ensures robots move seamlessly between floors to carry out tasks such as*

- Serving hospital staff with medicine transportation, screening visitors and providing assistive care to the patients
- Greet, engage and guide visitors and customers to their designated floors in retail and office complexes
- Deliver food to guests in their hotel rooms
- Assist facility management by cleaning and sanitizing residential and commercial buildings and much more
- Safety, Quality & Productivity inspection on shop floor



Disinfection robot for Residential & commercial buildings



Screening robot for hospitals & commercial buildings



Patient care assistant robots at hospitals



## Equipment Status API

### Integrated equipment management system

Easy integration of elevator equipment and its service information into building management solutions and dashboards offer operational and maintenance visibility to building's facility management.

- Access to data about your equipment operation and service status
- Improved operational excellence through easy equipment visibility
- Make better decisions, react based on equipment status and maintain a positive end-user experience.
- Use of your own solutions or ability to create entirely new ones



## Service Info API



### Integrated service data and asset management

Receive and integrate maintenance work information into building management systems and dashboards. Instead of using multiple systems or means to view and use data, it is possible to collect data and maintenance history under one system.

- Long-term decision-making for improved asset management
- Removes the need for point-to-point integration, reduces manual work and human error
- Historical view of equipment maintenance
- Supports innovation of your own solution that fits your unique needs





REDEFINED USER  
EXPERIENCE →

## Redefined user experience that differentiates your buildings

Elevator journeys can now be taken far beyond the ordinary, by harnessing the power of digitalization to deliver a user experience that inspires, informs and delights. KONE DX class elevators connect digital technology with sound, light, media and human insight-driven interior designs to offer uplifting multi-sensory experiences that stay in the minds of the building users forever.

- KONE SoundLight™
- KONE Information 300
- Bigger Display Signalisation
- Touchless Signalisation
- Taller Car



## KONE SoundLight™

### Energise the experience with elevator lighting & music

Reward your tenants with an out-of-the-box multi sensory experience that they really adore. Paint the walls with different light hues, accompanied by classic tunes. Break the monotony of everyday ride routine by creating uplifting ambience day after day with the KONE SoundLight app. Create a pleasant flow, positive emotions and get your building users in a good mood during and after every ride.

### Create mesmerizing ambience with a click for a magical play of Light & Music

The KONE SoundLight™ app digitally connects your elevators with handheld or desktop devices, allowing you and the tenants added to the app, to create own pleasurable ambiances that soothe the senses. Each car is loaded with 15 pre-set KONE themes, that are eloquent and radiant expressions of the three most influential architectural trends today - Natural Wellness, Creative Life and Modern Heritage.

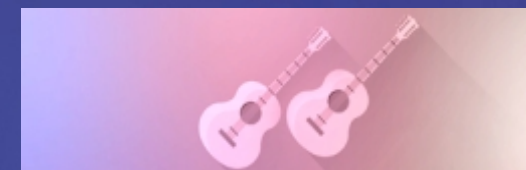


## DESIGN STYLES

### NATURAL WELLNESS ▼



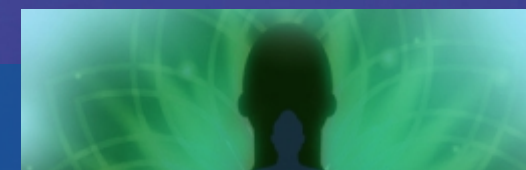
Golden Twilight



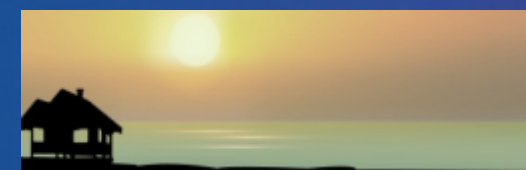
Whisper of Heart



Wild Maze



Eternal Bliss



Beach House

### CREATIVE LIFE ▼



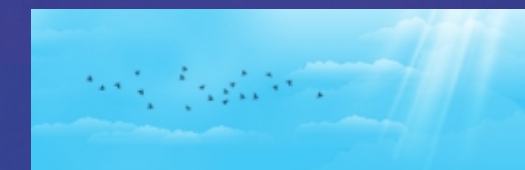
Tangy Candy



Jazzy Evening



Space Machine



Sky Over Paris



Rainbow Rain

### MODERN HERITAGE ▼



Old School



Lush Brindavan



Cultural Stones



Peacock Prance



Those Summer Days



## Human insight-driven design

People are the lifeblood of buildings, so our design philosophy is based on a human insight-driven approach that takes the whole elevator experience into account to make sure it connects on every level – from the visual to the emotional, and everything in between.

### Natural Wellness

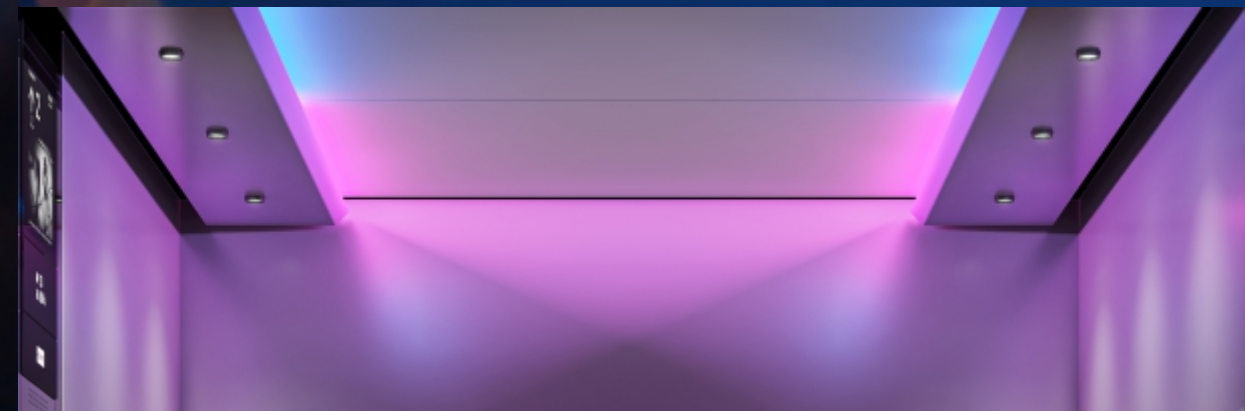
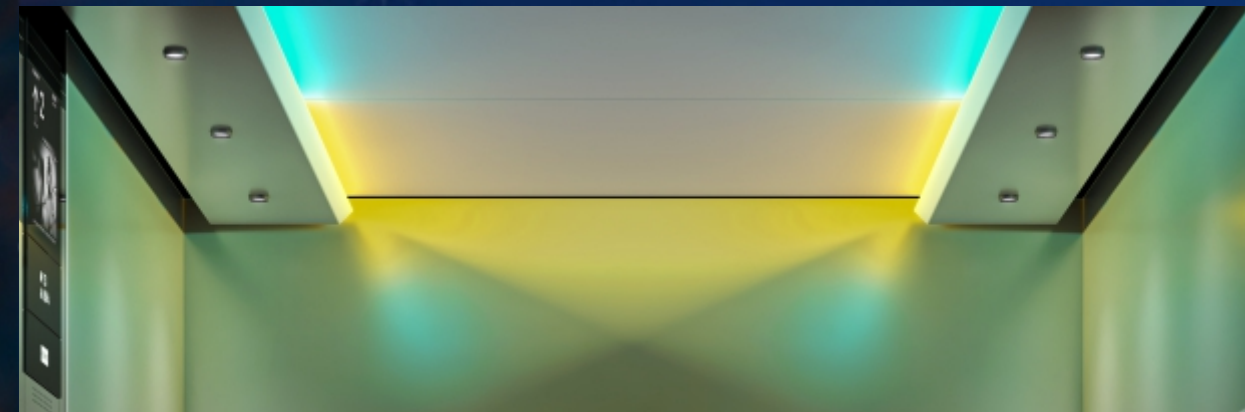
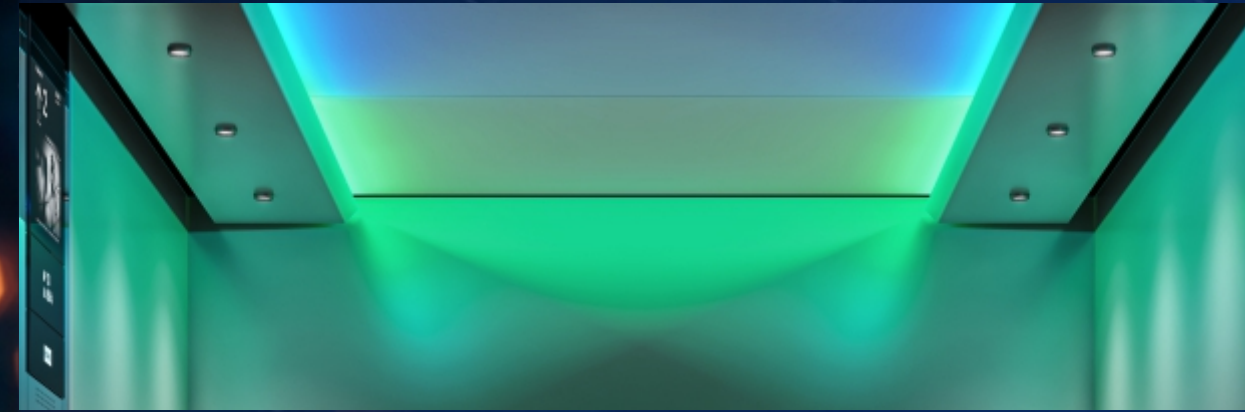
Calm, relaxing spaces where people can transition between hectic everyday life and the peace of home.

### Modern Heritage

Ambiences that create an all senses experience by combining modern trends with timeless heritage.

### Creative Life

Latest styles, innovative & modern ambiances that create a refreshing, energized and spirited experience.



**NINE**  
CAR DESIGNS WITH  
KONE SoundLight™

**FIFTEEN**  
KONE THEMES

**FIFTEEN**  
PRE-SET LIGHTINGS

**MULTIPLE**  
MUSIC TUNES / TRACKS

**MORE**  
CUSTOM THEMES WITH  
PRE-SET LIGHTING, MULTIPLE MUSIC TRACKS  
AND ANIMATION EFFECTS

# NINE CARS

With KONE SoundLight™

Break the monotony  
with delightfully varying  
mix of Light & Music

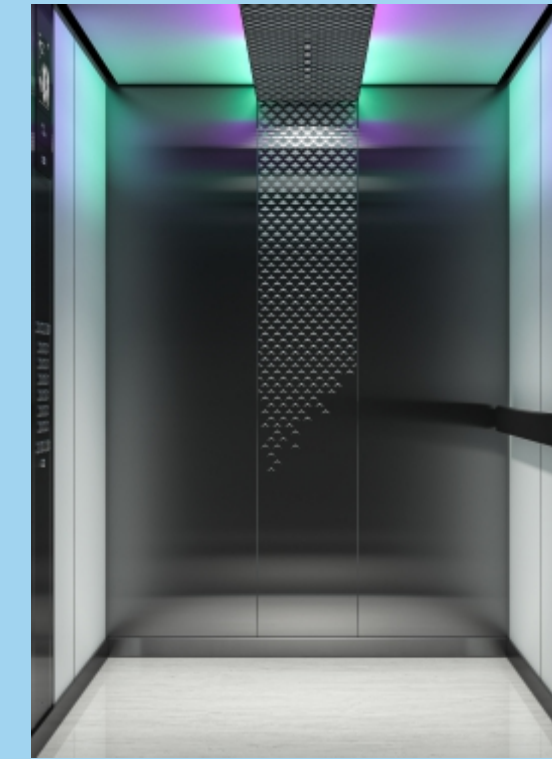
Create an elated frame of mind in your buildings with energising ambiances that are a pleasant treat to the senses. Immerse your tenants, visitors and customers in invigorating experiences with the mix of evergreen, classic music tunes, inventive lighting patterns combined with matching animation and effects.



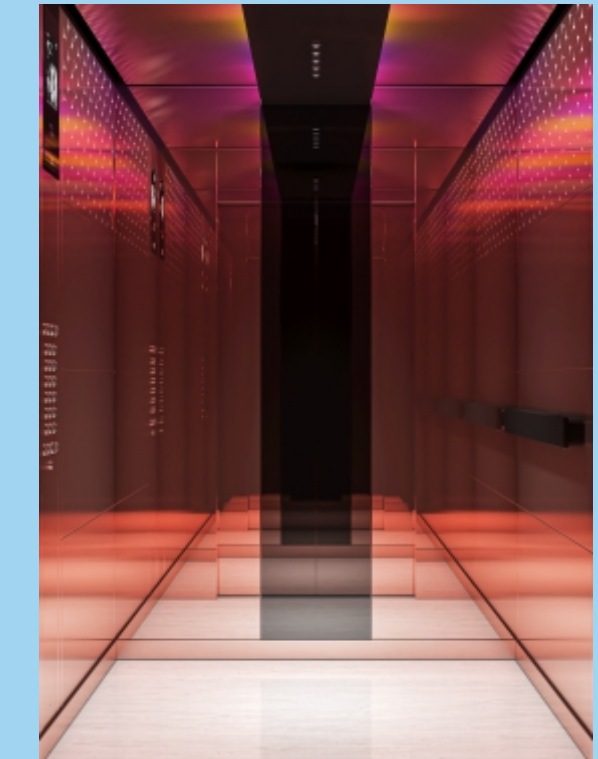
DXPHP001



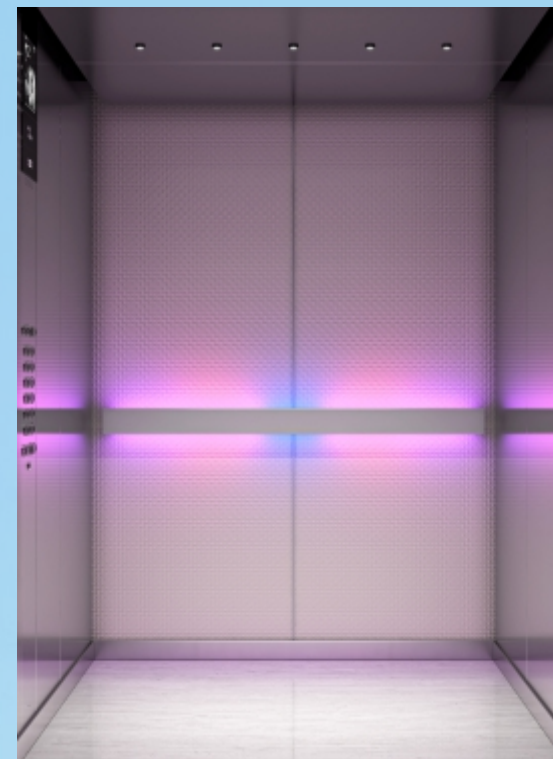
DXPHP002



DXPIL005



DXPIL006



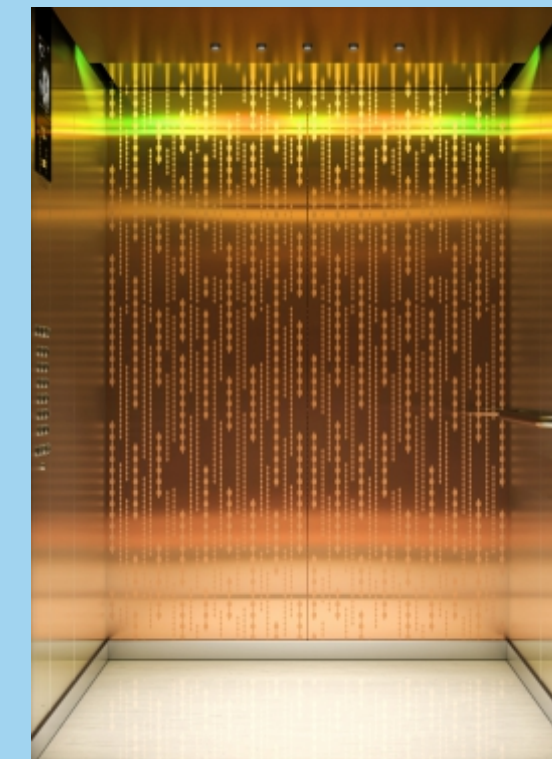
DXSDB009



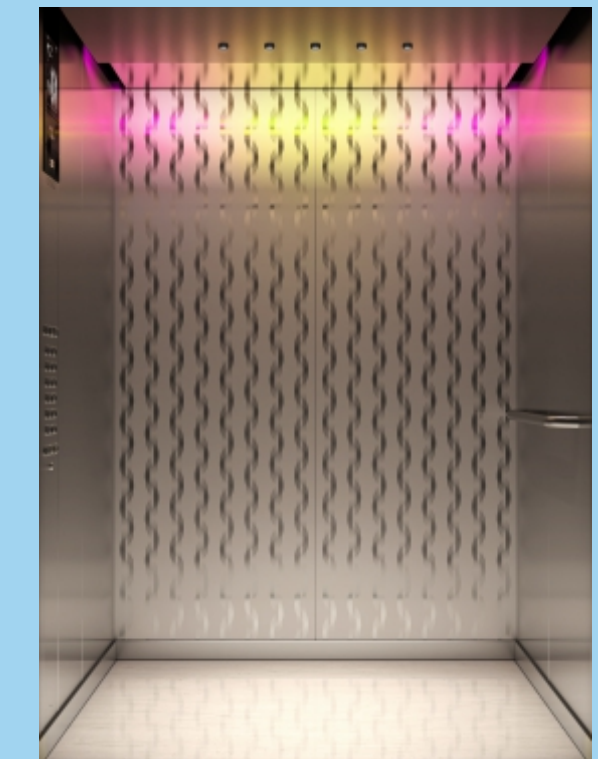
DXSIL005



DXSIL006



DXSIL007



DXSIL008



 **KONE Information 300**

**Building users with relevant communication on the go**

- No more messy notice boards, no more time consuming manual updates
- Manage updates and communication with the intuitive KONE Content Management System
- Building & community related information, updates on issues in residential buildings
- Floor information, visitor guidelines and other tailored communication in office buildings
- Advertise sales, offers and services in hotel and commercial buildings
- Choose content from different apps and publish immediately or schedule for later



**Touchless & Bigger Display Signalization**

**Add to the aesthetics with safe user experiences & enhanced visibility**

- Healthy & safe elevator call and floor registration without ever touching a button
- Touchless feature achieved with capacitive induction technology
- Touchless button line sensitive distance is 10-15 mm
- Respective call button lights up to acknowledge the call registration



# SMART BUILDING PARTNER →



## Your dedicated partner for smarter building

From planning to delivery, maintenance and modernization, we are your trusted partners every step of the way.

With the KONE Expert team by your side and easy-to-use next generation tools at your disposal, save time, make the right decisions first time and plan your smart elevator to the very last detail.

- Dedicated partner
- KONE 24/7 Connected Services
- Data Maintenance



# Dedicated Partner

## KONE People Flow<sup>®</sup> planning and consulting

### Planning Partner

*True partnerships begin early*

- KONE Flow Analyser
- KONE access planning guide
- KONE public transportation elevators planning guide
- KONE retail planning guide

### Design Partner

*Use our KONE Car Design Tool to*

- Choose from the complete KONE Design Collection
- Create your own unique car interiors with your choice of specifications, materials and accessories
- Ensure health & hygiene with our new range of innovative materials that are easy to clean & maintain
- Bring your design vision to life with 360 3D modelling

### Compliance Partner

*Our knowledgeable teams support your buildings in*

- Meeting local guidelines, codes and standards
- Assured safety compliance
- Solving issues such as accessibility, vandal-resistance and fire code compliance



EXPERT PEOPLE FLOW CONSULTATION



SMART PLANNING TOOLS



SPECIFICATION AND DETAILED DRAWINGS



CAR EXPERIENCE TOOL



## Your trusted Green Building Partner

We aim to be the most trusted partner for green building projects and want to support from the very early stages of the project. 90% of the product's materials can be recycled or recovered for energy at the end of life.

We aim to be the best partner for sustainable building through efficient operations, covering the whole lifecycle of the building from planning to delivery, installation, maintenance and modernization.

- Comprehensive support during the entire process of Green Building Certifications like BREAM and LEED
- Traffic analysis, listing energy efficient features, performing energy modelling estimate & comparison
- Widest product range with the highest A-Class energy rating

Corporate Knights

Ranked among the world's most sustainable companies by Corporate Knights



Achieved a leadership score of A or A- for six consecutive years, which describes our long-term commitment to environmental work and sustainability



Included in the list of publicly traded companies with strong environmental, social and governance practices



## KONE 24/7 connected services

### Intelligent services are here

#### Maintenance Partner

*Proactive Care for the building's entire life cycle*

- Ensuring optimum elevator performance at all times and all days
- 90% of employees on the field
- Nation-wide service network with Round-the-clock-monitoring

#### Elevator maintenance enters the digital era

- Latest IOT based monitoring technology
- Advanced data analytics connected to the Cloud platform
- Automatically predicts and informs faults and repairs for preventive actions
- Lesser equipment downtime, easy maintenance, increased safety and peace of mind

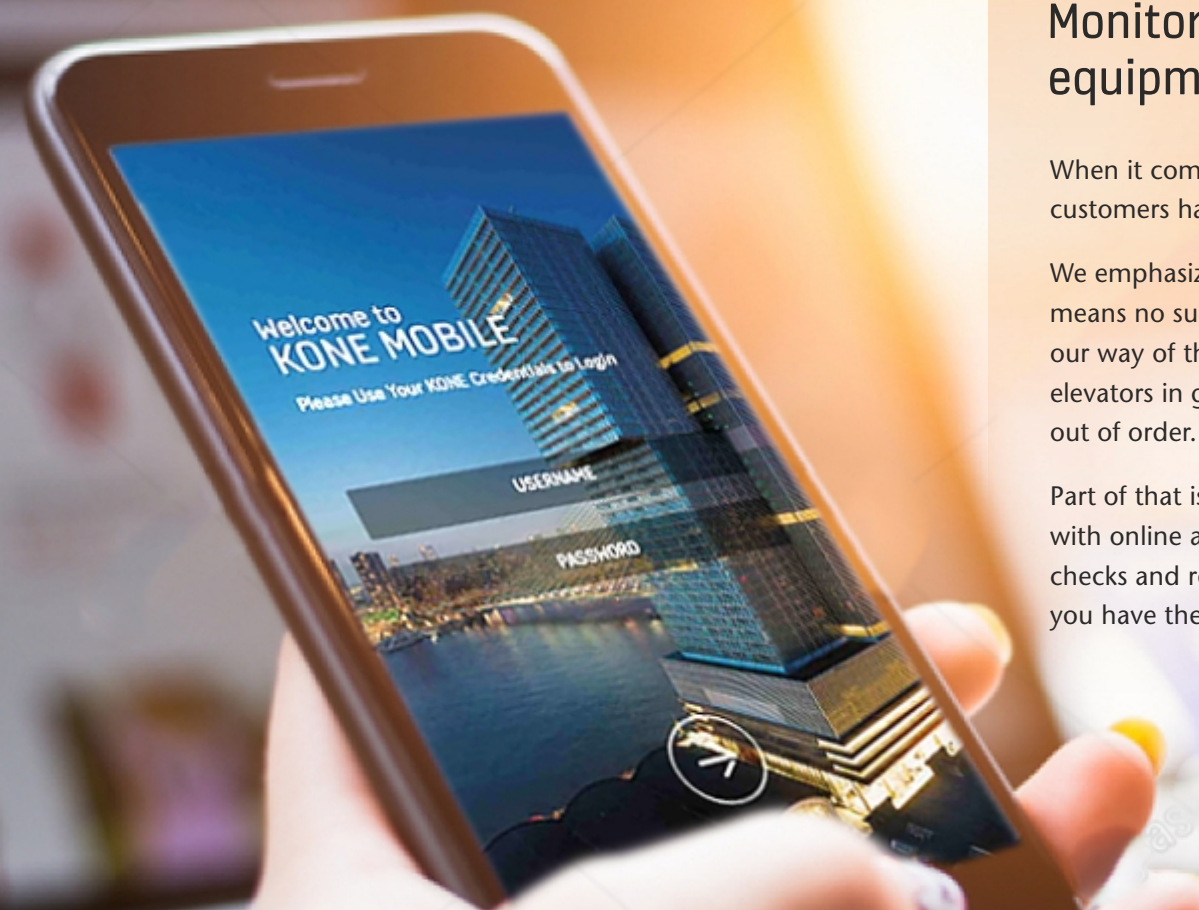
## Kone Mobile Kone Online Maintenance Data

### Monitoring equipment health check up

When it comes to maintenance and repair, our customers have good things to say.

We emphasize preventative maintenance, which means no surprises and no unplanned expenses. To our way of thinking, it makes more sense to keep your elevators in great shape than to fix them when they go out of order.

Part of that is keeping you aware of what's going on – with online access to maintenance data, and regular checks and reports on elevator condition. That way, you have the knowledge you need to make decisions.





Dedicated to People Flow™



KONE provides innovative and ecoefficient solutions for elevators, escalators 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. We are the 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 60,000 dedicated experts to serve you globally and locally.

KONE India, with a nation-wide network and over 5,000 employees, is committed to add value to the entire life cycle of any building with innovative products and solutions.

#### **KONE Elevator India Private Limited**

##### **Factory & Registered Office:**

Plot No : A 28, SIPCOT Industrial Park,  
Pillaiakkam, Sriperumbudur Taluk,  
Kancheepuram District – 602105.

##### **Corporate Office:**

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The Forum Vijaya Mall, No.183, NSK Salai,  
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##### **Toll Free Service Number:**

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##### **Details to be filled in**

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