

# Schindler 5000 Plus A RePlace solution for your existing elevator







Faster, smoother — and flexible.
Swiss-engineered for excellence,
Schindler 5000 Plus replaces your
existing elevator. Integrating the latest
technologies, it delivers optimal ride
quality and energy efficiency. With
outstanding architectural adaptability,
car and door dimensions can be
adjusted for a perfect fit in your
established building.

## Schindler RePlace Modernization solutions to keep passengers moving

With almost 150 years designing, manufacturing, and installing elevators, we understand how to transport people and loads safely and reliably. Our experience helps us understand and address the particular requirements and the unique challenges that an elevator modernization presents. With Schindler, enjoy the hassle-free and efficient modernization of your existing equipment.

#### Swiss-precision engineering

Like any technical product, elevators are also subject to a life cycle. Elevator equipment and components will eventually wear down, requiring upgrades to maintain the performance and reliability of the system. We're using our Swissprecision engineering and globally renowned expertise to provide you with the best elevator modernization solutions.





#### New elevator, existing hoistway

A Schindler RePlace modernization introduces a completely new elevator into the existing hoistway space.

By fully replacing your existing system, your building benefits from the latest safety standards and leading energy-efficient technologies, allowing you to reduce your carbon footprint and energy costs. And, passengers benefit from a new, fresh elevator.

#### Enjoy peace of mind

A Schindler RePlace not only increases the reliability and performance of your existing elevator, it also adds value to your existing investment. Maintenance-friendly components and the replacement of obsolete parts reduce the likelihood of equipment downtime. Let us give you peace of mind with our Schindler RePlace elevators.

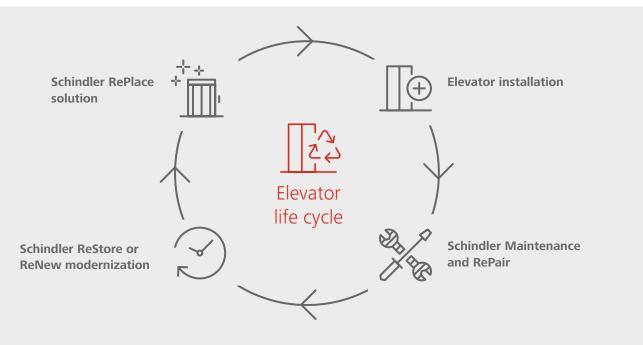




#### Solutions for every building

Our Schindler 5000 Plus is just one of our RePlace elevator solutions.

We have several Schindler RePlace options available – the Schindler 3000 Plus, Schindler 5000 Plus, or Schindler 6000 Plus – to meet the requirements of your specific building and the existing equipment.



From design and installation, through to service and modernization, our professionals are there throughout the entire life cycle of your elevator.

## Repair or modernization? Giving your elevator new life

#### Assessing your elevator

In contrast to a repair, which offers a 1:1 replacement of components, a modernization upgrades components and brings your elevator to a higher standard. The latest regulations, introduced to make your elevator as safe as possible, can be easily met with a Schindler RePlace elevator.

After commissioning, regular maintenance, and repairs, a Schindler modernization will help ensure that your elevators continue to perform optimally for years to come.

#### Minimize unpredictability

A Schindler RePlace modernization addresses the unreliability and unpredictability associated with older installations, so passengers can enjoy a smooth and uninterrupted journey to their destination. Replacing an obsolete system safeguards against unnecessary downtime due to spare part unavailability – maximizing uptime in the future.

For equipment that is over 20 years old, a Schindler RePlace elevator – the Schindler 3000 Plus, Schindler 5000 Plus, or Schindler 6000 Plus – should be considered to maintain the availability of spare parts, improve equipment performance, and preemptively upgrade components that are reaching the end of their life.





## Schindler 5000 Plus Striking, flexible, and effective

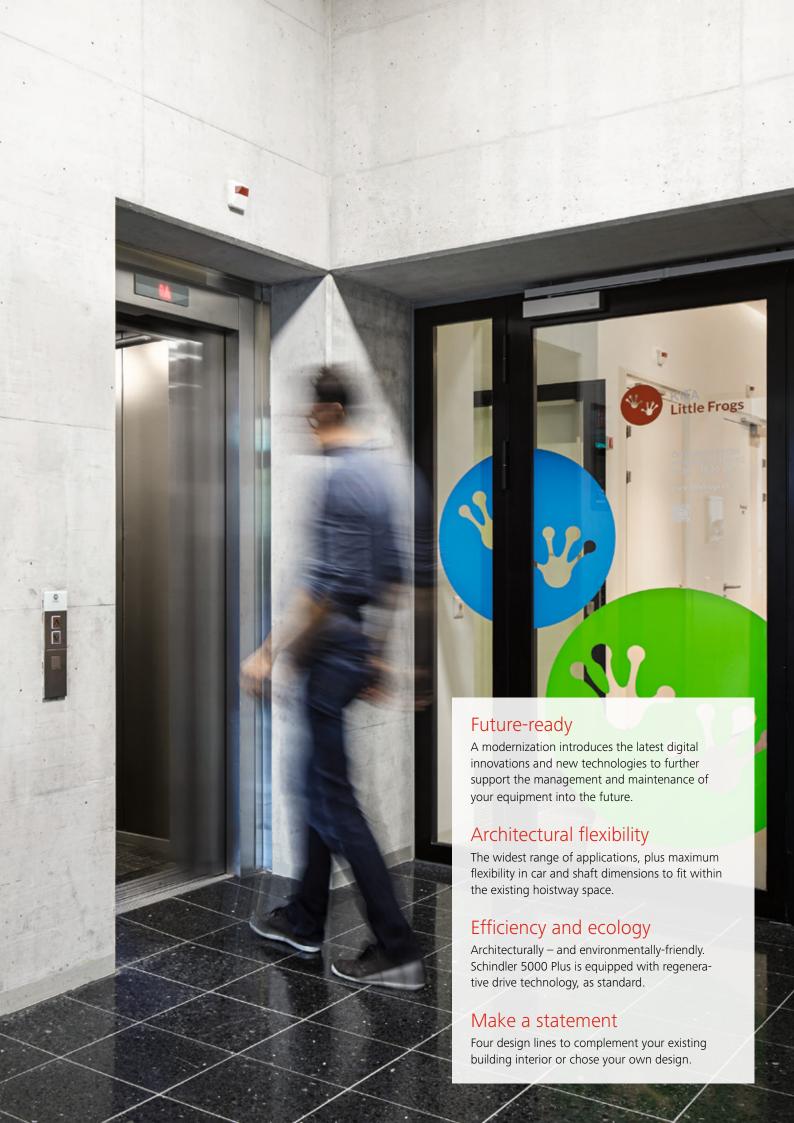
Schindler 5000 Plus offers superior flexibility and striking interior options for commercial and high-end residential renovation projects. With a maximum travel up to 125 meters, speeds up to 2.5 m/s, and a capacity of up to 1600 kilograms, it can be tailored to a multitude of applications to help give your old building new life.

Schindler 5000 Plus integrates the latest technology, high quality materials, and energy-efficient features to bring passengers to their final destination smoothly and efficiently.

#### Key figures

Machine room	Machine roomless	Mini machine room
Capacity	600 to 1350 kg	630 to 1600 kg
Travel height	80 m	125 m
Stops	Up to 40 stops, with a maximum of 50 openings	Up to 43 stops, with a maximum of 80 openings
Speed	1.0 to 2.5 m/s	
Drive system	Frequency controlled, eco-friendly regenerative drive technology	
Group size	Up to 8 cars	
Entrances	One- or two-sided	
Energy efficiency classification	Class A, according to ISO 25745-2*	

<sup>\*</sup>The classification always refers to a specific configuration. Usage pattern, load capacity, customer specific options and site conditions influence the final rating.



## Future-ready Schindler elevators designed for next-generation technologies

Our Schindler RePlace elevators allow your passengers not only to enjoy noticeably smoother and quieter operation, but also another level of passenger experience thanks to digitally enhanced mobility. A modernization introduces leading technologies, such as intelligent electronic diagnostics, to further support the management and maintenance of your equipment into the future.



#### Plan & Design online

Find the right design for your elevator. Our online Plan & Design Tool allows you to test out different wall colors, ceiling types, etc. to find the perfect match for your existing lobby design.



#### Innovations in installation

Schindler's new INEX (Installation Excellence) method not only reduces construction preparation and resources for our customers, it also improves safety and efficiency on site.

Our autonomous self-climbing robot system – **Robotic Installation System** for Elevators (Schindler R.I.S.E.) – will enhance quality and speed of construction while maintaining safety on site in the near future.



#### Smart operation – switching to digital

All our new elevators are fully enabled for **Schindler Ahead** – our IoT (Internet of Things) portfolio of services. With Schindler Ahead, we make sure that our customers can step confidently into the digital era.

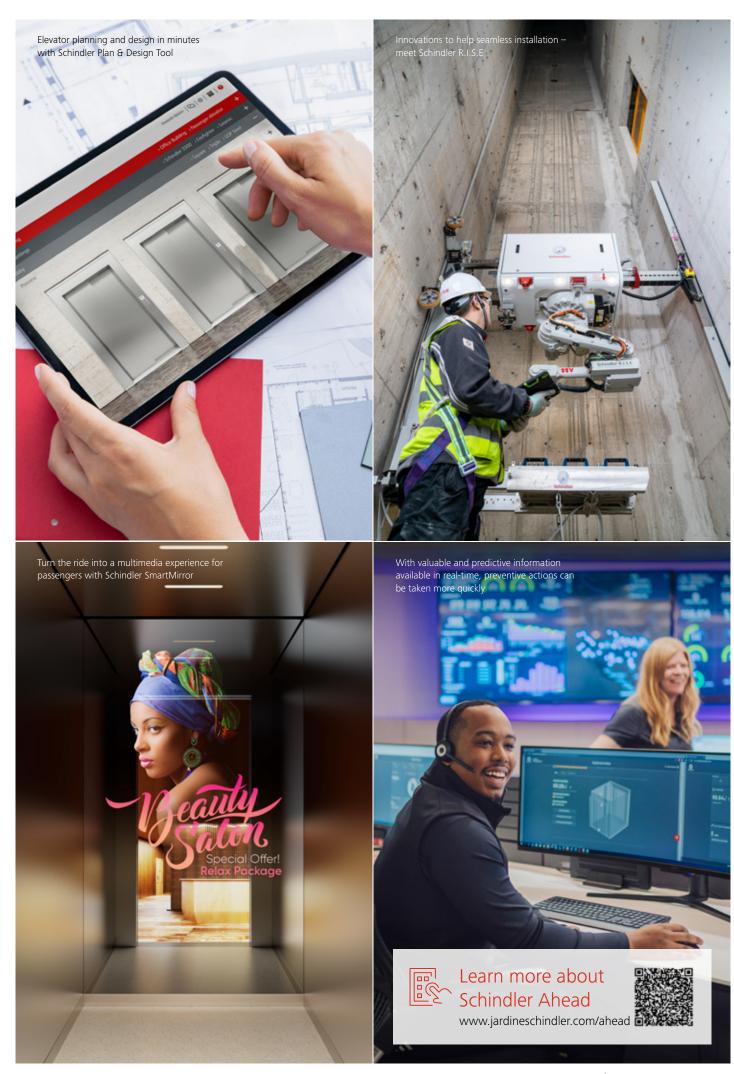
- Maximize uptime with Ahead Remote Monitoring With digital connectivity, issues can be detected and addressed well before service is affected. This helps facilities take timely action to minimize downtime.
- Real-time insights with Ahead ActionBoard Ahead ActionBoard provides operational, performance and commercial information in real time, giving customers clear, instant oversight of their entire elevator and escalator portfolio.



#### User experience on a next level

Create an infotainment hub with Schindler Ahead SmartMirror, AdScreen, or MediaScreen and provide relevant information to the riding public in real-time, with minimal effort and maximum attention.

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## Elevating sustainability Excellent ecological performance

We're committed to improving the environmental impact of our products and services continuously, across their entire life cycle. The Schindler 5000 Plus has been designed to save both space and energy. From the first sketches in design, right through to modernization, disposal, and recycling, environmental assessment considerations are an integral part of the Schindler product development process.

## Class A energy-efficiency rating

Improving the energy efficiency of older buildings is vital to the development of more sustainable cities. Modernizing your existing elevator can help reduce the environmental impact of this equipment in the buildings they serve. Regenerative drive, LED lighting, and stand-by mode while parked are standard eco-friendly features in all Schindler 5000 Plus elevators, aiming to achieve the highest energy-efficiency rating class A, according to ISO 25745-2\*.

## Environmental Product Declarations (EPD)

To provide an insight into the ecological performance of our elevators throughout their life, we provide Environmental Product Declarations (EPD). We've registered EPDs at the "International EPD® System" for all major elevator product lines. This is an important step in the assessment of the environmental performance of our products and underlines our continuous efforts toward sustainable solutions.





## Efficiency and ecology Architecturally and environmentally friendly

Our Schindler 5000 Plus is designed to blend seamlessly into your existing building. Flexible car sizes, door dimensions, and controller options enable the Schindler 5000 Plus to work within the existing hoistway. This helps minimize the need for additional work and the disruption for your tenants.

#### Machine-room-less design

- The Schindler 5000 Plus is available in a spacesaving machine-room-less (MRL) design

- 2 Energy-efficient machine - Lubrication-free, gearless machine supports a smooth ride quality
  - Permanent magnet technology offers higher energy efficiency
  - Stable start without high peak current, quickly reaches a low energy consumption level

#### Regenerative inverter as standard

- Minimum heat dissipation due to energy recuperation. This minimizes energy consumption and helps keep the components at the top of the hoistway cool
- Return of regenerated energy to main power during overhauling mode
- Minimal reactive power thanks to the use of a Power Factor 1 converter

#### 4 Future-ready controller

- Reduced stand-by power improves energy efficiency
- Halogen-free cabling and wiring, available as an option
- Precision stopping accuracy for easy access
- Digitally-enabled for remote maintenance and commissioning to meet the highest quality standards

#### Modular, scalable system

- Scalable car width and depth, in 50 mm increments
- Car heights up to 3000 mm, scalable in 100mm increments
- Doors can be sized and positioned with millimeter accuracy
- The door width is adjustable in 100 mm increments from 800 to 1300 mm and door height up to 2400 mm, with a choice of telescopic (T2) or center-opening doors (C2) and single or double (through-loading)

#### 6 Hoistway and suspension technology

- STM technology enables a smaller machine compared to conventional steel rope applications
- Compared to steel ropes, the STM is oil-free and does not require regular lubrication

# Enjoy a high ride quality

with the Schindler 5000 Plus



#### The sound of moderate rainfall

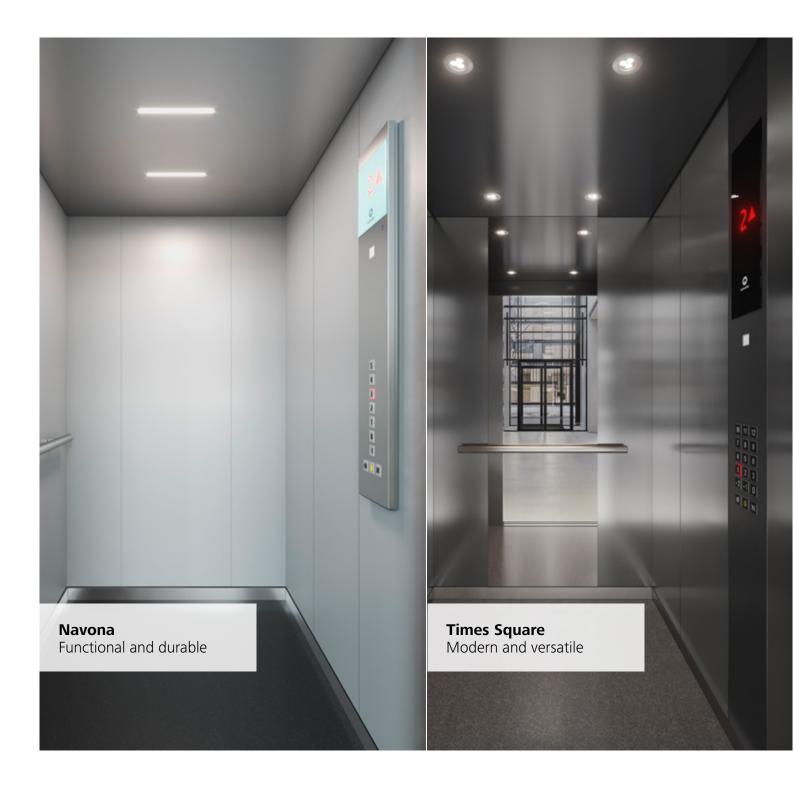
Thanks to our high-quality technology and installation methodologies, Schindler elevators generate minimal noise. Most of the noise created by our elevators does not exceed 50 - 60 dB (A).\*

\*For the evaluation methodology, we comply with ISO 18738 standards. However, many factors influence the amount of noise and vibration generated by an elevator. See our Ride Quality brochure to learn more.



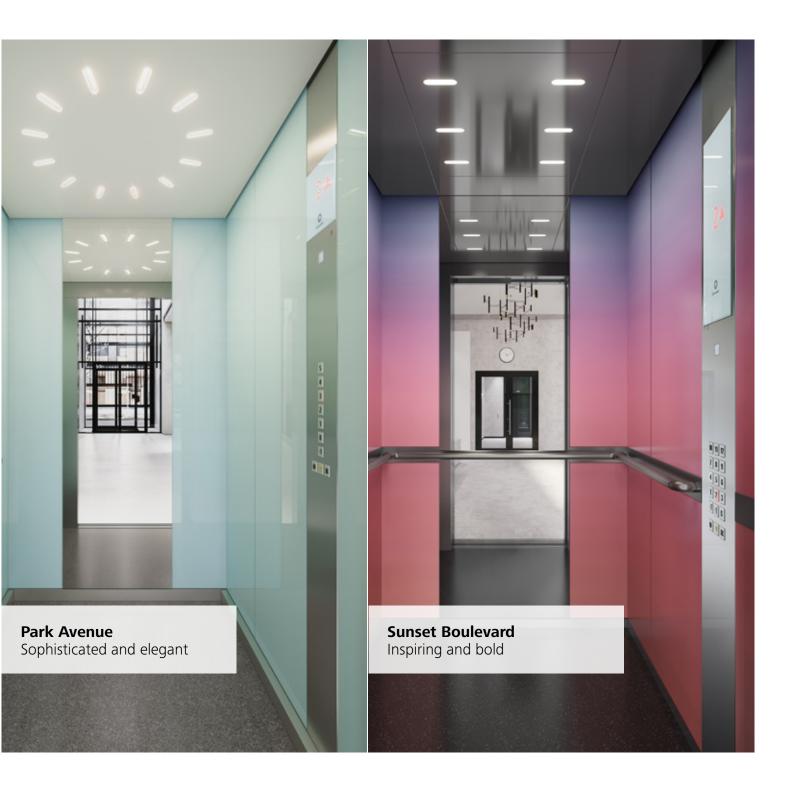


Find your style – From functional to sophisticated, pre-configured to custom, our striking interior design options for the Schindler 5000 Plus offer flexibility to complement the most stylish and innovative interior architecture concepts.



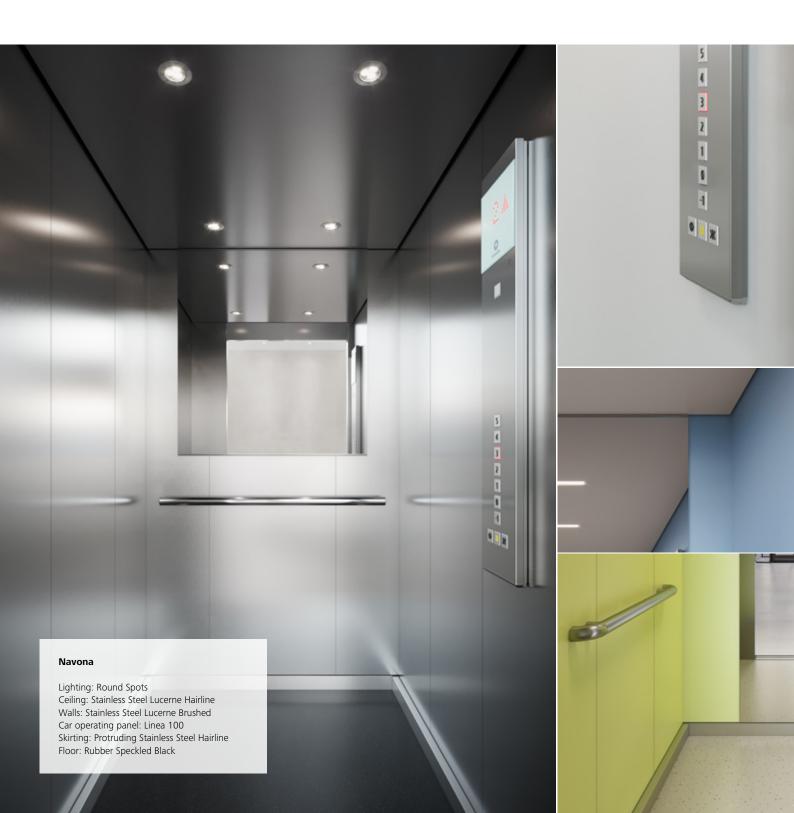
## Four design lines Infinite possibilities

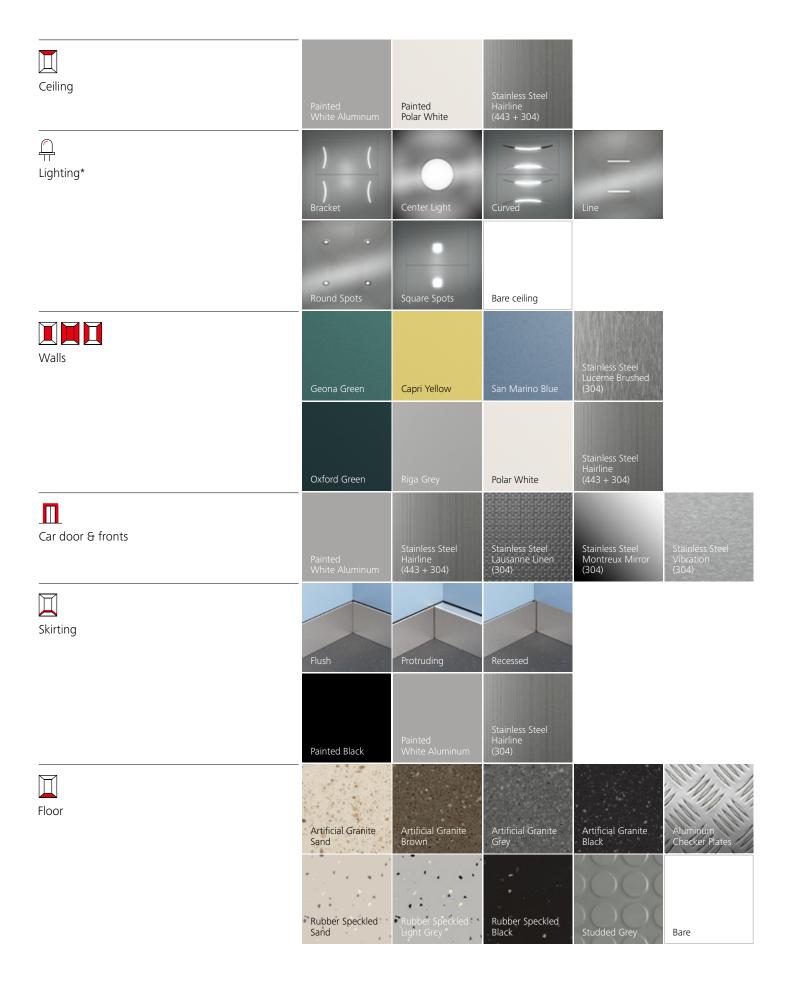
Create the look and feel you like. Combine colors, materials, lighting, mirrors, handrails, and fixtures to achieve the ambiance that fits your building. Choose from one of our interior design lines or design an individual car that fits your needs.



## Navona Functional and durable

Clarity and comfort in your car with this robust design line. Fresh colors, durable accessories, and the option of several different floors make Navona an excellent choice for residential applications. Elegant stainless steel options are also available for rear and side walls.

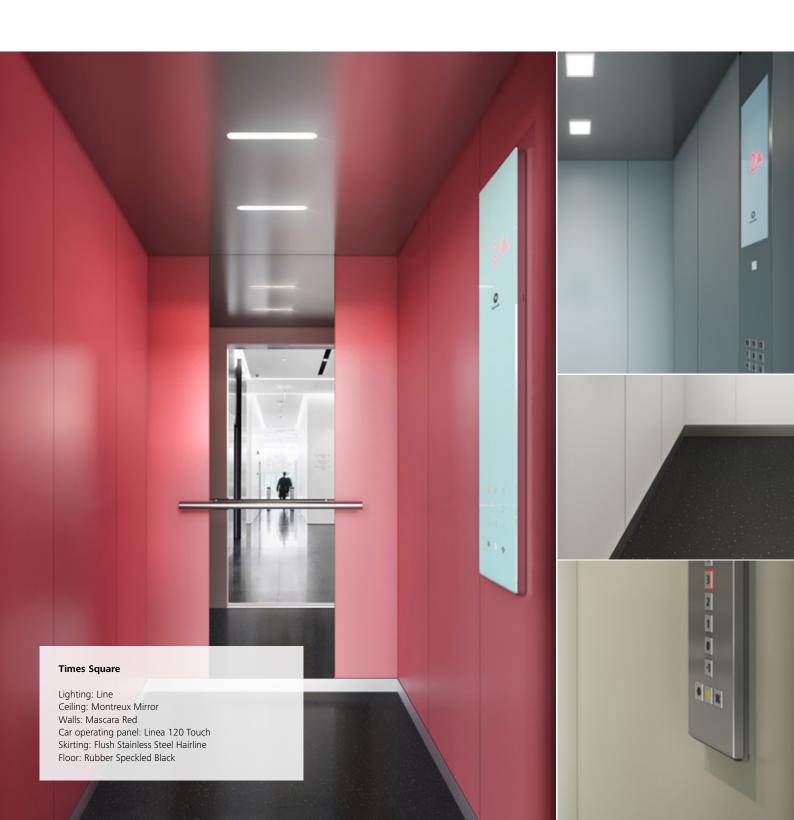


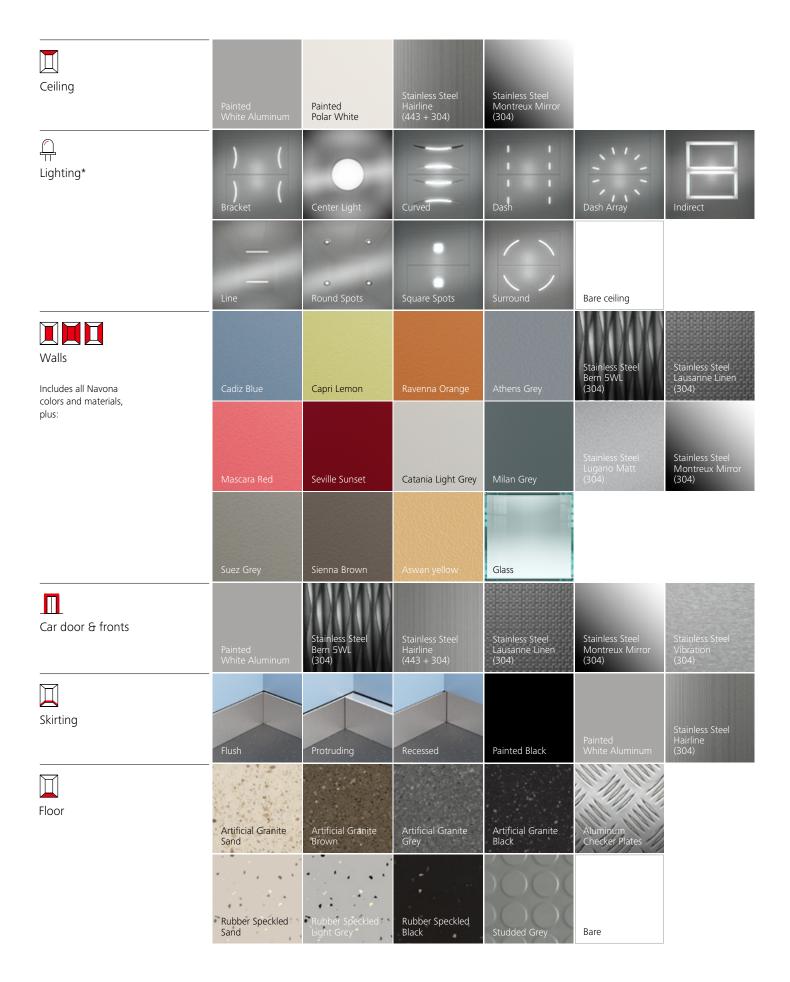


<sup>\*</sup> Lighting panel design dependent on car size

## Times Square Modern and versatile

Determine your contemporary look. Choose from warm or cool colors to create a fresh look, or combine the options to enhance contrast for more depth. Times Square adds distinctive features to any public, commercial, or residential building.



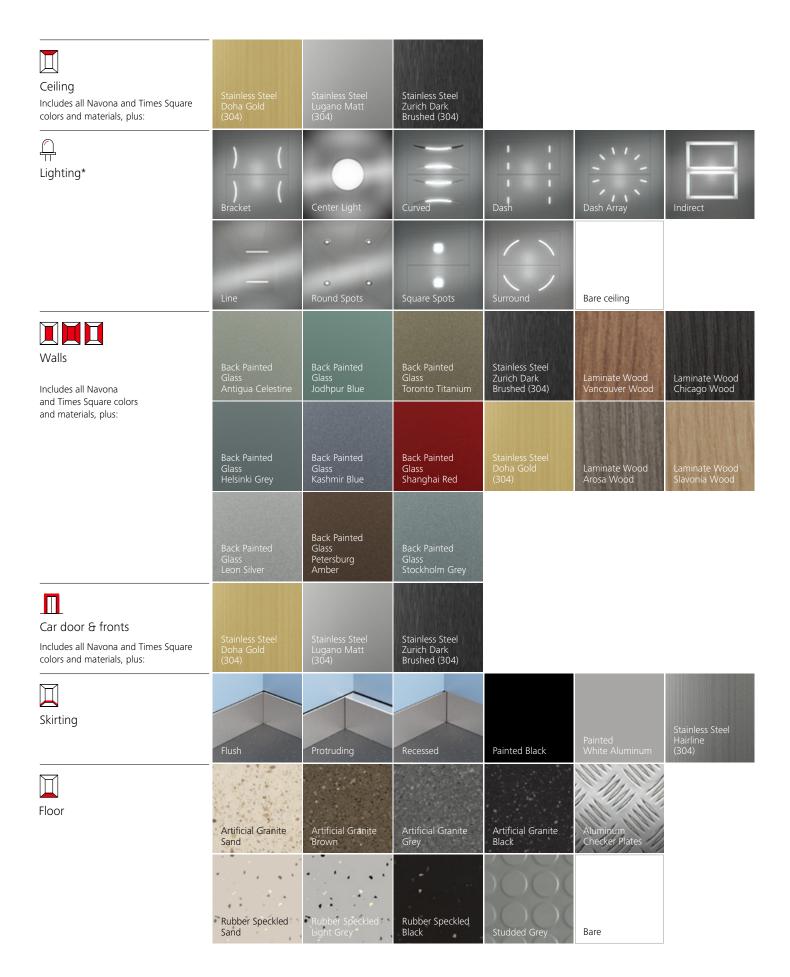


<sup>\*</sup> Lighting panel design dependent on car size

## Park Avenue Sophisticated and elegant

A touch of class. Wooden and textured laminates or backpainted glass walls create a rich, contemporary ambiance. Or, you can create a luxury feel with stainless steel in seven different finishes or decorative glass. Matched lighting completes Park Avenue's elegance.



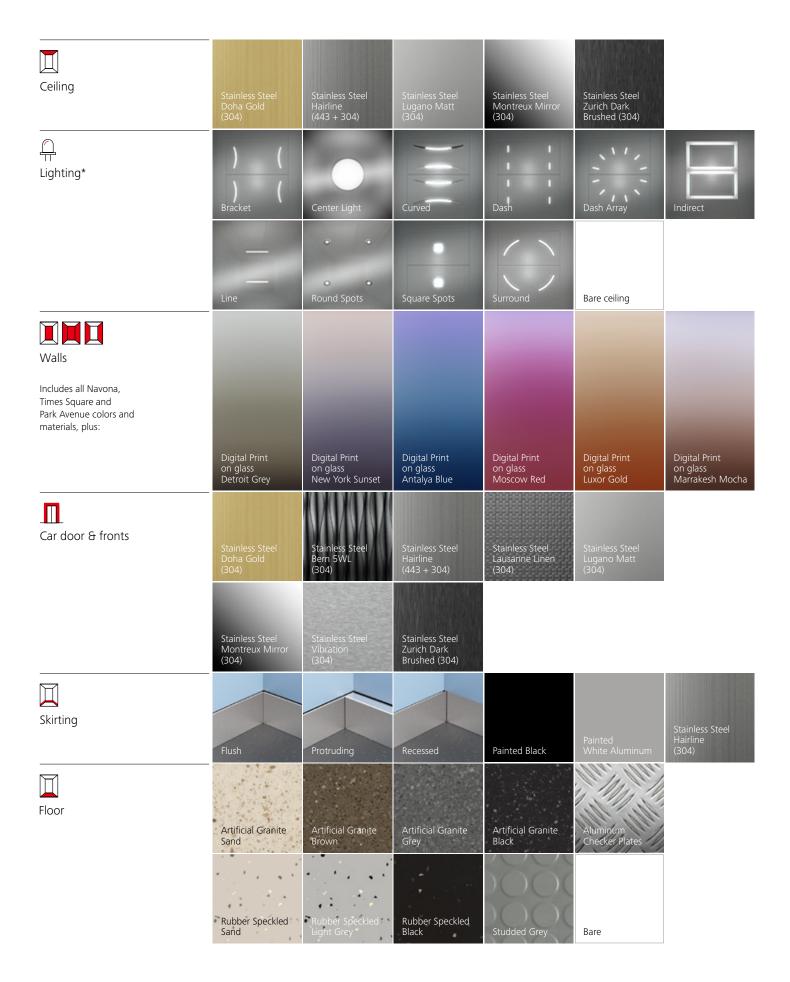


<sup>\*</sup> Lighting panel design dependent on car size

## Sunset Boulevard Inspiring and bold

Aim high for passenger excitement in upmarket locations like hotels, clubs, and restaurants. The combination of premium-quality materials, captivating patterns, and splashy color gradients make this car a unique experience. Make your elevator your stage.





<sup>\*</sup> Lighting panel design dependent on car size

## Mirrors

## Ensuring optimal appearance

Mirrors heighten the sense of space, depth, and comfort in elevators - and provide a vital service for passengers. Your elevator can be fitted with a full-height or half-height safetyglass mirror on the side or rear wall of the car.





Full height last panel left and right

#### Rear Wall



Half height full width



Half height centered



Full height middle panel



left and/or right panel



## Glass

## Expanding a small space

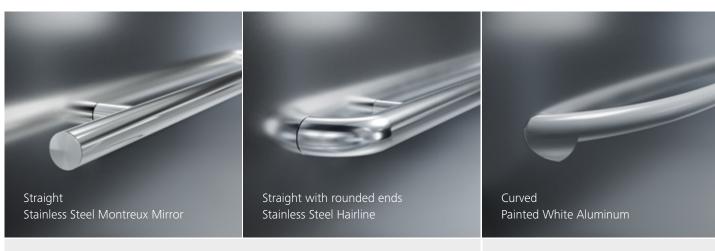
Glass walls offer the illusion of space to improve the comfort of passengers. They also leverage natural lighting, enhance security and offer a visually engaging experience by bringing the outside in. Robust safety glass is available for the walls and doors of your elevator.



### Handrails

## A wide choice of shapes and finishes

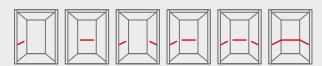
Handrails convey a feeling of security. Schindler stainless steel handrails are designed to blend with car interiors, shapes and textures, and can be mounted to the side and rear walls. Available in curved, straight, straight with curved ends, and revolving layouts.



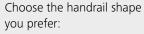


#### Customize your handrails

Handrails convey a feeling of security. Our handrails are designed to blend with car interiors, shapes and textures.

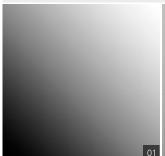


The handrails can be mounted in different combinations of side and rear walls, either only one handrail piece on the rear or side walls, two handrail pieces on the side walls or handrails on three walls. They can be connected straight or revolving.





Straight, straight with rounded ends, or curved





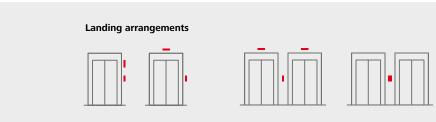


01	Stainless Steel Montreux Mirror
02	Stainless Steel Hairline

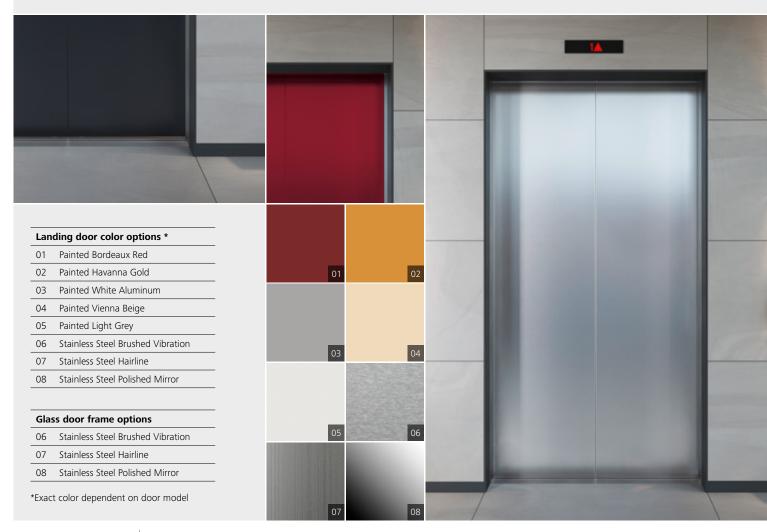


## Landing doors For a stylish entrance

How your elevator design immerses with your building can enhance your tenants' response to the overall décor design. We offer a full range of colors to help you unleash your building's full design potential.



Choose your optimal landing arrangements for simplex and multiplex installations, surface or wall mounting.



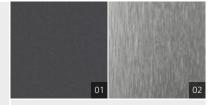
## **Bumper Rails** Preserving your car interior

Designed to protect your elevator car walls and prolong their sleek looks, Schindler's damage bumper rails are available in a variety of heights, and in stainless steel & PVC.



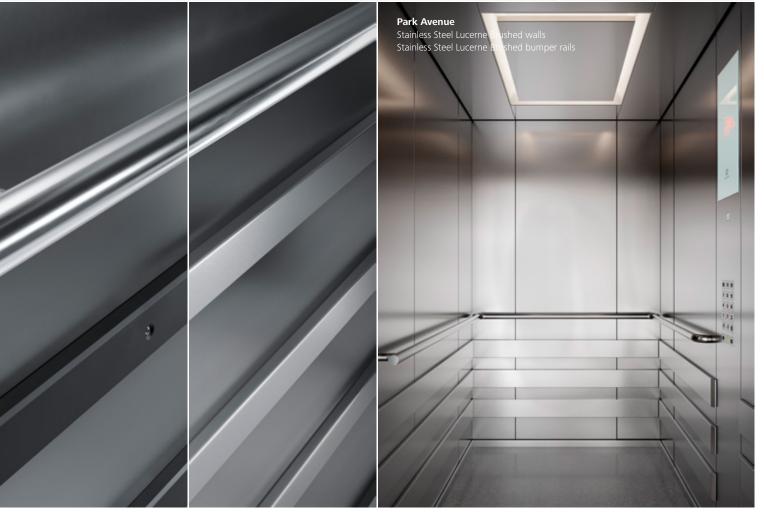


Choose from different heights depending on your requirements. Available in stainless steel & PVC.



**PVC Coated Black** 

Stainless Steel Lucerne Brushed





From simple to innovative,
Schindler offers a fixture to
complement the design of your
elevator. With sleek finishes
and flexible options, our
fixtures ensure the comfort and
accessibility for all.

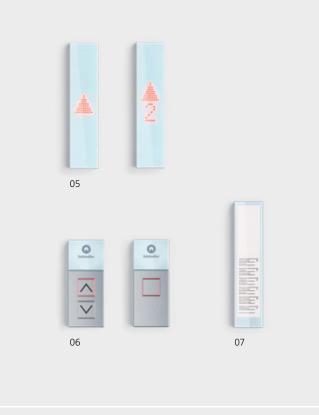
## Fixtures

## Linea 100 & Linea 120 Touch

#### Linea 100

Linea 100 offers functional design in stainless steel. The integrated white glass display comes with a large, easily readable red LED dot matrix floor indicator. Push buttons have clear red illumination when a call is recognized.





Full height car operating panel

Name / information plate

# Linea 120 Touch

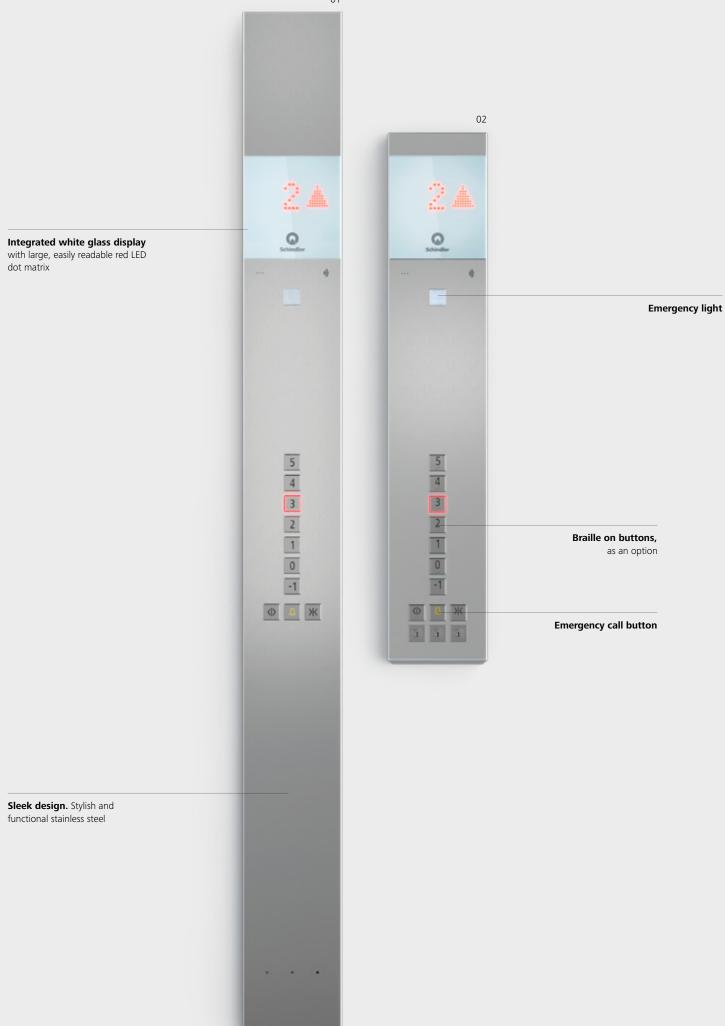
The convenience of our typical user interface converted to a touch version. The stylish design is in resistant glass with light indication to signal all functions, and dot matrix displays with large, easily readable red LEDs.





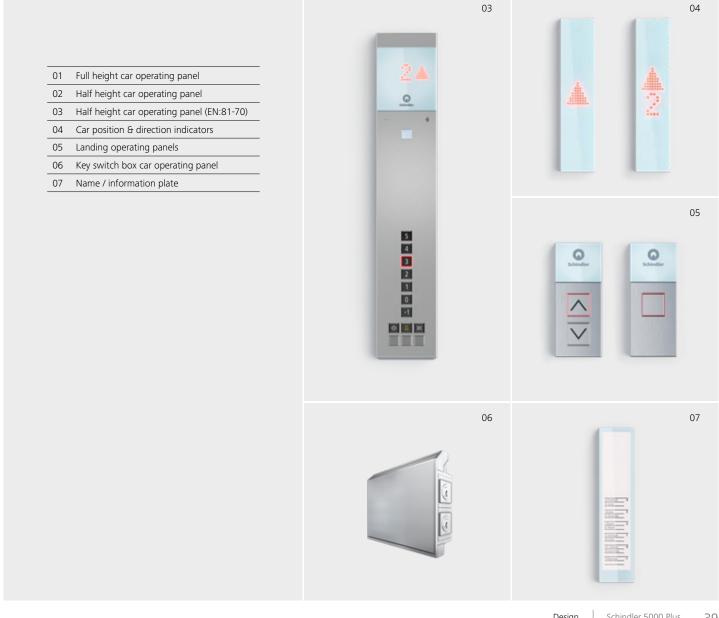
01	Car operating panel
02	Car operating panel with key switch
03	Key switch
04	Car position & direction indicators
05	Landing operating panels
06	Name / information plate





# Fixtures Linea 100

Linea 100 offers functional design in stainless steel. The integrated white glass display comes with a large, easily readable red LED dot matrix floor indicator. Push buttons have clear red illumination when a call is recognized.





# Fixtures Linea 120 Touch

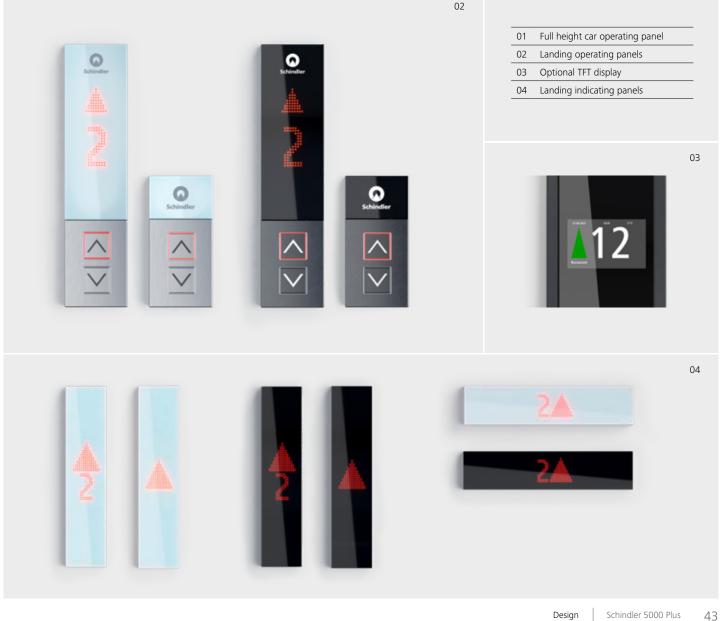
The convenience of our typical user interface converted to a touch version. The stylish design is in resistant glass with light indication to signal all functions, and dot matrix displays with large, easily readable red LEDs.





# Fixtures Linea 300

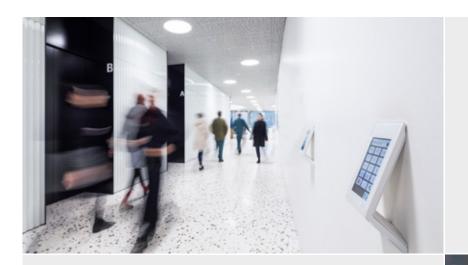
An upmarket user interface to enhance your elevator's looks, with an intuitive, efficient design. The display is in black glass, with buttons positioned on elegant black stainless steel, or white glass display on typical stainless steel color finishing.



# Schindler PORT Technology Best-in-class traffic management

Optimize the way people move around your building. Improve efficiency, reduce energy consumption, and create more satisfying experiences with Schindler PORT – a holistic solution to building transit management.

A Schindler PORT upgrade can be implemented as the first step of a more comprehensive modernization to achieve smart mobility in a minimum amount of time. Customers will experience an immediate improvement in traffic flow, even if one car is out of service for the modernization.

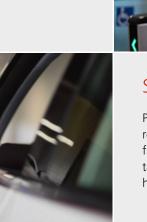


# Personalized experiences

Customize user journeys based on individual needs and access rights. User-friendly, highresolution interfaces and touchless operations enhance the experience for passengers.

# Highly efficient people flow

Especially suited to large elevator groups or straight-line configurations in heavy-traffic commercial buildings, Schindler PORT can increase handling capacity by up to 25% and reduce waiting times by up to 20%.



## Secure access

Pre-program and control elevator, floor, and room access rights for tenants and visitors from a central location. Lobby speed gates take identification and access control to new heights of efficiency.

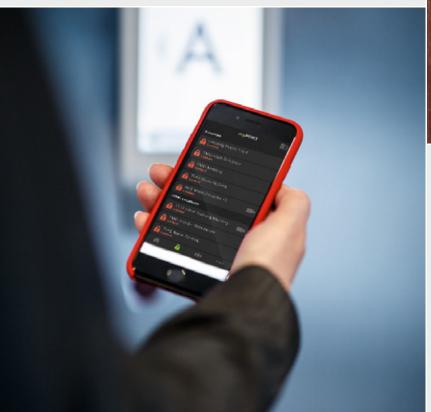




# myPORT

Schindler myPORT is the comprehensive building transit application that puts the power of Schindler PORT Technology into the hands of residents and tenants – in one smartphone app.

Schindler myPORT provides appropriate levels of building access from main entrances and parking garages to offices and apartment doors. For visitors, it's hospitality at its best with a digital invitation giving simple entry and guidance. Occupants can communicate directly with visitors via Schindler myPORT's video intercom system.





# Sustainable operations

Elevator energy consumption can be reduced by up to 40%\* with Schindler PORT ECO Mode. Schindler PORT can also help reduce the energy usage per capita by up to 20%\* - making the solution a smart one for your building and the environment.

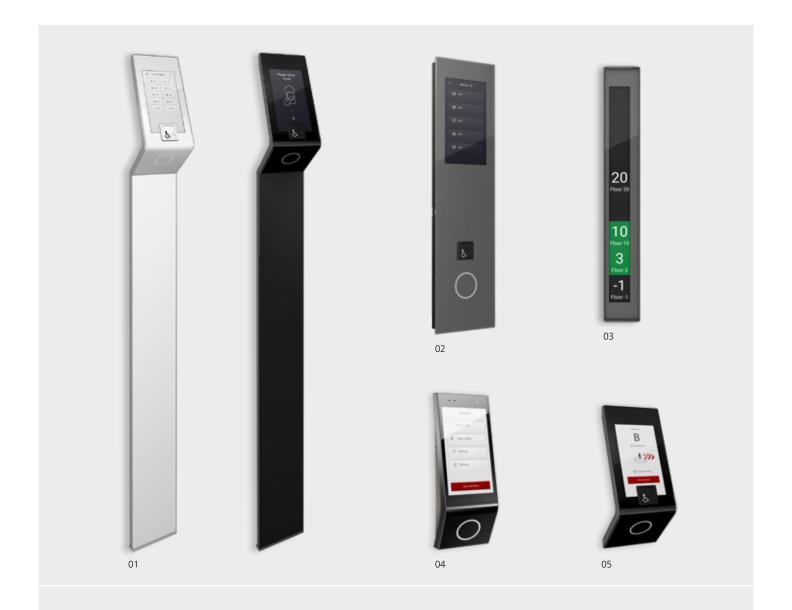
\*Calculations are in comparison to prior Schindler PORT Technology software releases and refer to a specific customer configuration. Usage patterns, load capacity, customer specific options and site conditions may influence the final calculations.

# Schindler PORT Overlay A seamless and hassle-free modernization

## Schindler PORT

Schindler PORT technology – our destination dispatch system – can be installed in place of conventional fixtures on each landing to optimize the performance of an elevator group.

Schindler PORT provides a wide range of destination control and access terminals for visitor management, parking, doors, offices, and residences. Combine terminals to produce an aesthetic and functional solution for any building.



01 PORT 1 pedesta	01	PORT 1	pedestal
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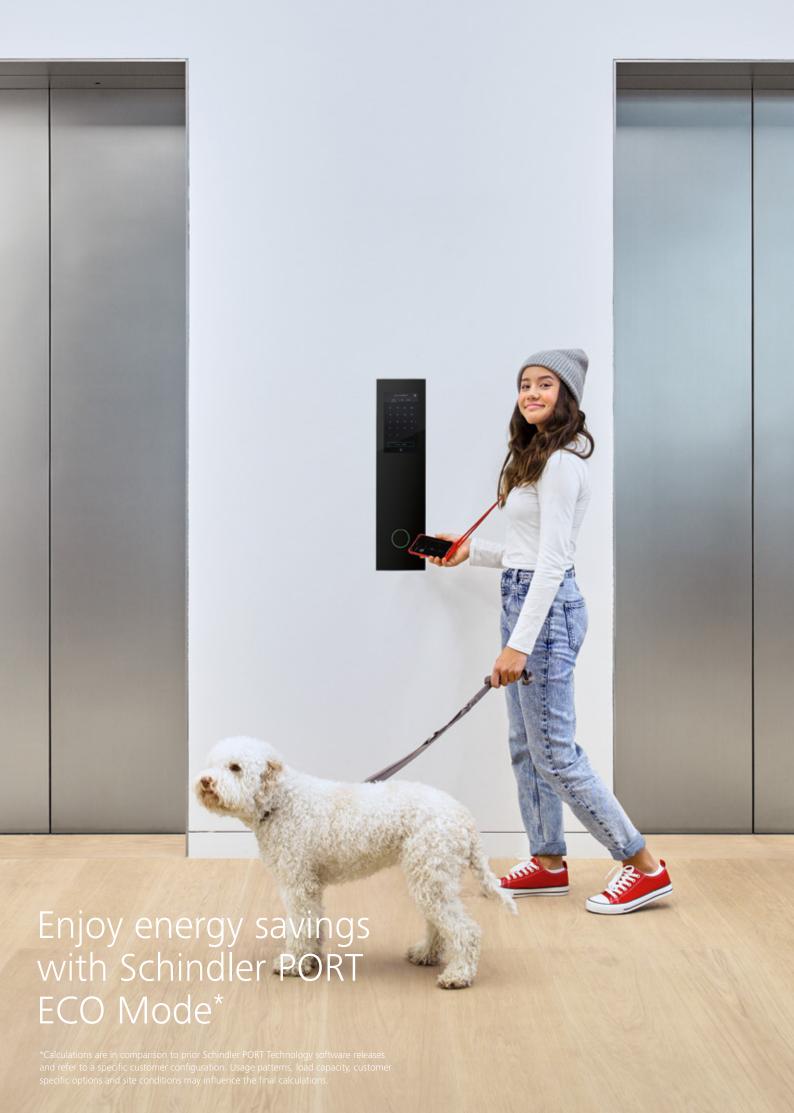
PORT 4 flush wall-mounted

PORT destination indicator

04	PORT	1	Mini

PORT 1 wall-mounted

Schindler PORT solutions available in white, grey or black



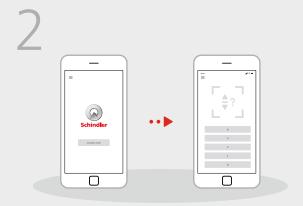
# Touchless and secure experience QR code for seamless elevator access

# How does it work for passengers



## Register and download the Schindler's **BuilT-In App**

- Register at the reception
- Operator will set access rights and validity according to the building's security equirements.
- Download and install the Schindler BuilT-In App on the App Store or Google play store.



## Activate app and select desired floor

- Open and activate the app using the provided activation code.
- Select desired floor on the virtual keypad to generate a dynamic QR code.



#### With a wave of your hand

- Call elevator by 'waving' at Schindler CleanCall touchless button.



## Scan the dynamic QR code inside the car

- Hold your phone in front of the QR reader (within 10cm)
- Your destination floor will be registered instantly and appear on the car operating panel.
- You are ready to take off to your desired floor without touching any part of the elevator.

# **BuilT-In Robot Service Connection** Automate tasks

# A futuristic experience

Service robots, a marvel to behold, can transform a building's dynamics. They are highly adaptable to new environments thanks to advanced localisation technologies that create a local map of a building and compute routes that are optimal.

BuilT-In provides integration with robotics applications, so that robots can easily navigate busy building environments, place elevator calls to their destination floors, and request elevator status information.

# Benefits at a glance

## Real time tracking

With BuilT-In Robot Service Connection, building management can track a robot's location and status in real time, and swiftly respond whenever required.

#### Mitigate risks ahead of deployment

BuilT-In provides a cloud-based development environment for robotics applications to simulate various scenarios and minimise uncertainties ahead of deployment, for instance to verify that the communications and connection status between elevators and robots are not interrupted.

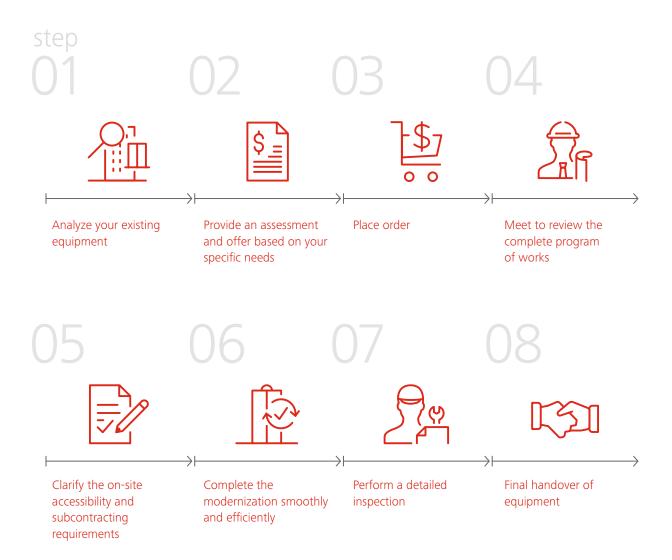
#### Seamless links between robots and elevators

The BuilT-In API (Application Programming Interface) creates a communication link between robots and elevators by connecting the elevators' network switch with the local building network or gateway box via WIFI, 4G or 5G, so that robots can effortlessly transit between floors.





# Modernization and service excellence Working with you every step of the way



#### **Transparent fulfillment process**

We partner with you to find the best mobility solution for your facility. By checking the health of your existing equipment, we can determine what solution and components are the best fit for your installation.

To ensure a smooth installation process, we'll meet with you a few weeks before the modernization starts to discuss the final program of work. We'll also clarify storage and access points, and coordinate our activities with any subcontractors on-site so you can enjoy a professional and hassle-free process from ordering to handover.

#### Efficient installation and future maintenance

Our global competencies and expertise make it sure to minimize building adaptations and optimize the installation process when replacing your elevator, setting new standards in the field. In fact, installing our replacement elevators requires up to 40% less time than a conventional replacement. That means that residents can look forward to minimum disturbance and downtime.

After a Schindler RePlace modernization, your equipment becomes easier to service and troubleshoot. The newly connected elevators enable 24/7 intelligent auto callback service and maintenance. This can reduce downtime by up to 34%\*.

<sup>\*</sup>Compared to non-connected units.

## Myanmar

Myanmar Jardine Schindler Ltd. No 1/4, Parami Road, Hlaing Township

Yangon, Myanmar

Telephone + 95 1 654 854

### + 95 9 500 460 9 (Hot Line) + 95 9 509 175 6 (Hot Line)

mjsl.mm@schindler.com

Website www.schindler.com.mm

Philippines

Jardine Schindler Elevator Corporation

20/F Tower 1, Insular Life Corporate Centre

Insular Life Drive, Filinvest Corporate City

Alabang 1781 Muntinlupa City, Philippines

Telephone + 63 2 683 6800 Fax + 63 2 802 3138

info\_mkt.ph@schindler.com Website www.schindler.ph

Singapore

Schindler Lifts (Singapore) Pte. Ltd.

1 Kaki Bukit View, #04-18, Techview Lobby B Singapore 415941

Telephone + 65 6854 7888

+ 65 6846 2212 Fax

info.sg@schindler.com

Website www.schindler.sg

Taiwan Jardine Schindler Lifts Ltd.

9th Floor, 35 Kwang Fu South Road Taipei 105, Taiwan, R.O.C.

Telephone + 886 2 2528 6626 Fax + 886 2 2528 6656

info@tw.schindler.com

Website www.schindler.tw

**Thailand** Jardine Schindler (Thai) Ltd.

20th Floor, Times Square Building, 246 Sukhumvit Road Klongtoey, Bangkok 10110

Thailand Telephone + 66 2 685 1600 Fax + 66 2 685 1601

info.th@schindler.com Website www.schindler.co.th

Vietnam

Schindler Vietnam Ltd.

8th Floor, President Place, 93 Nguyen Du Street

sales.vn@schindler.com

Or visit our website: www.jardineschindler.com

Website

Ho Chi Minh City, Vietnam Telephone + 84 28 3521 4890 Fax + 84 28 3821 3382

Ben Nghe Ward, District 1

www.schindler.vn

# We are always close by.

Please contact one of the following addresses:

#### Brunei

Schindler Liftec Sdn. Bhd. Level 7 (6th Flr), Setia Kenangan Complex Kg Kiulap Gadong BE1518 Bandar Seri Begawan Brunei Darussalam Telephone + 673 2 236 515 + 673 2 236 516 + 673 2 236 470

schindler.brunei@schindler.com

#### Cambodia

Jardine Schindler (Cambodia) Ltd. Unit 706 and 707, 7th Floor, Exchange Square Building Nos. 19-20 Street 106, Village 2 Sangkat Wat Phnom, Khan Daun Penh Phnom Penh City Kingdom of Cambodia Telephone + 855 23 901 288 Info@kh.schindler.com

#### **Hong Kong**

Schindler Lifts (Hong Kong) Ltd. 29th Floor, Devon House, Taikoo Place 979 King's Road, Quarry Bay Hong Kong Telephone + 852 2516 8168 Fax + 852 2516 6026 marketing.jsg.hk@schindler.com Website www.jardineschindler.com

## Indonesia

P.T. Berca Schindler Lifts Jl. Puri Lingkar Luar, Blok P Puri Indah, Jakarta Barat 11610 Indonesia Telephone + 62 21 8066 8222 + 62 21 2258 4521 info@id.schindler.com Website www.schindler.co.id

#### Macau Jardine Schindler Lifts (Macao) Ltd.

D Assumpcao Edificio CNAC 9-andar F, G & H Macau Telephone + 853 2875 7953 + 853 2883 7264

No. 398, Alameda Dr. Carlos

marketing.jsg.hk@schindler.com

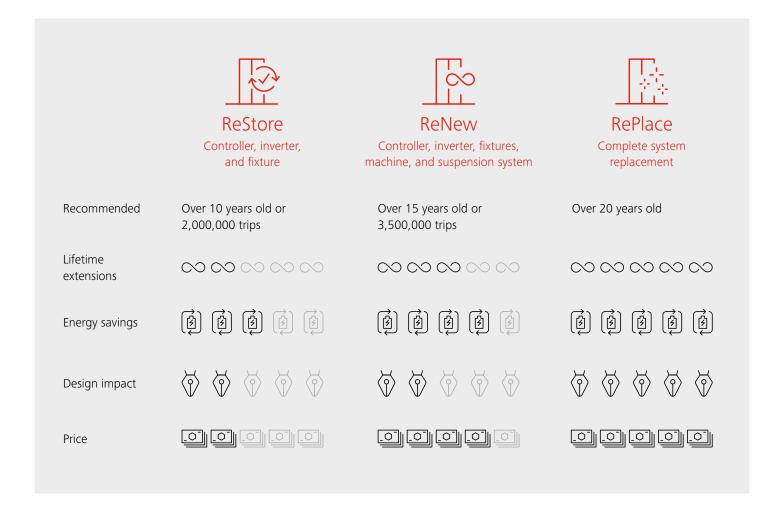
## Malaysia

Website

Antah Schindler Sdn Bhd 196001000162 (3837-H) 8th Floor, Bangunan TH Uptown 3 No. 3, Jalan SS 21/39, Damansara Uptown 47400 Petaling Jaya, Selangor Darul Ehsan Malaysia Telephone + 60 3 7725 1818 Fax + 60 3 7725 1181 info.my@schindler.com

www.schindler.my





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