

High-rise solutions.  
Better buildings for tomorrow.



**Schindler**



**Schindler high-rise expertise.**  
Your vision, our passion.

# Excellence

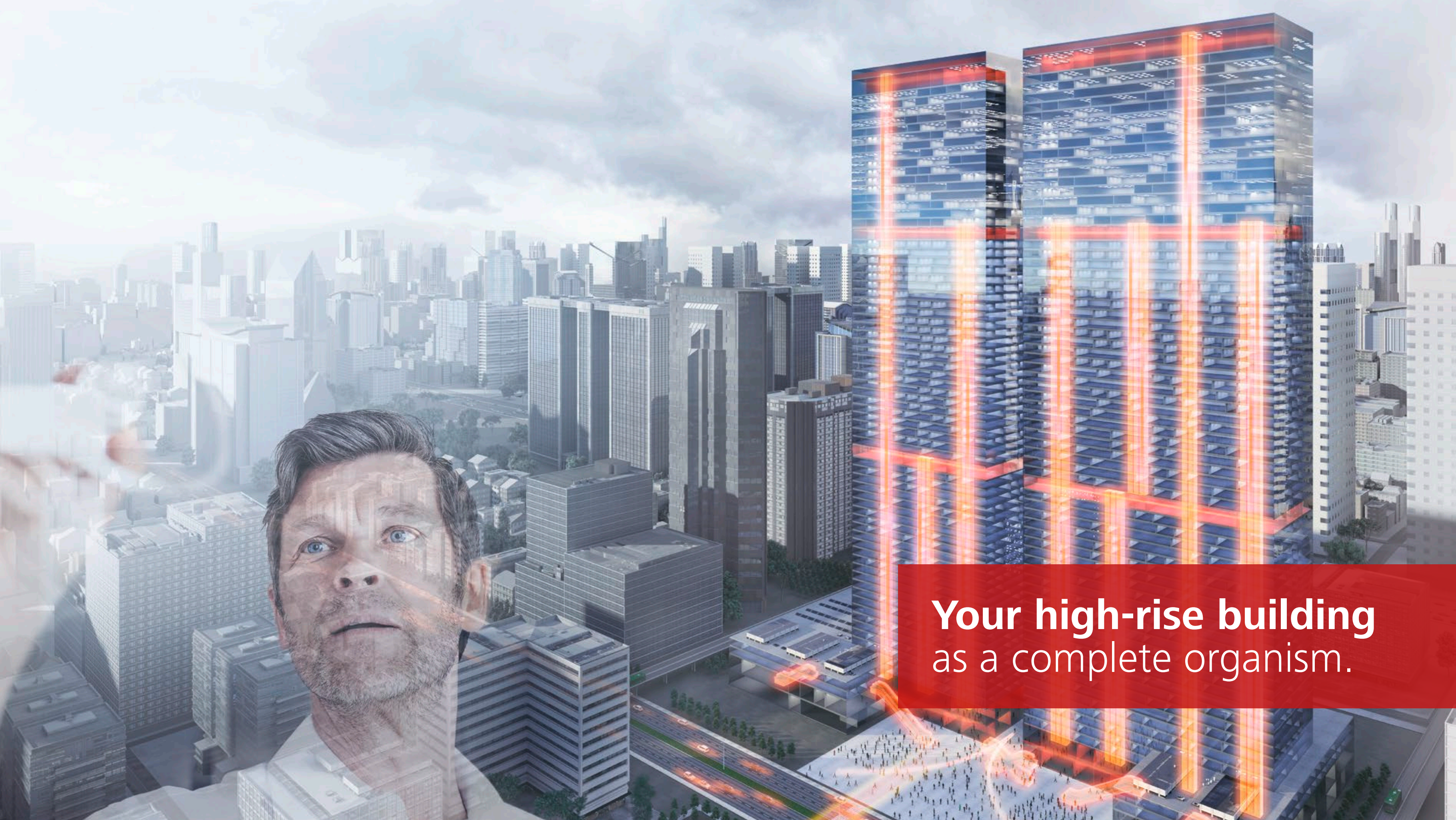
Everything we do is to the highest quality and safety standards, honouring the long tradition of excellent Swiss craftsmanship.

# Environments

Tomorrow's green buildings and efficient transportation systems are key to developing harmonious urban environments.

# Evolution

We continuously invest in and develop new, innovative and smart solutions so as the cities and buildings develop, so do we.



**Your high-rise building**  
as a complete organism.



## Experience

Your travel becomes pure pleasure.

## People

The human factor makes the difference.

## Reliability

A ride you can trust.

## Transit Management

The smart way through the building.

## Efficiency

Pioneering efficiency for every step you take.

## Customization

Tailored to your needs.

## Iconic Achievements

Over 140 years of knowledge, experience and accomplishments.

# Schindler high-rise solutions.

Beyond industry standards.

## Quality and Safety

Coded into the DNA of every component.



## Tailored Design

Only limited by your imagination.



## Modularity

Components and packages completely streamlined.



## Transit Management

Enabling a perfect stream of people and goods.



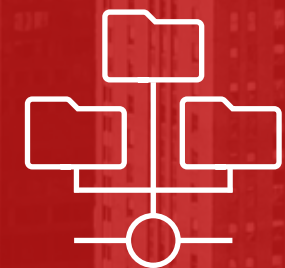
## Green Technologies

Maximised efficiency and minimal energy consumption.



## Digital Elevator

Predictive maintenance through live monitoring, 24 hours a day.



# The 4 phases of high-rise buildings.

From design to the skyline.



DESIGN

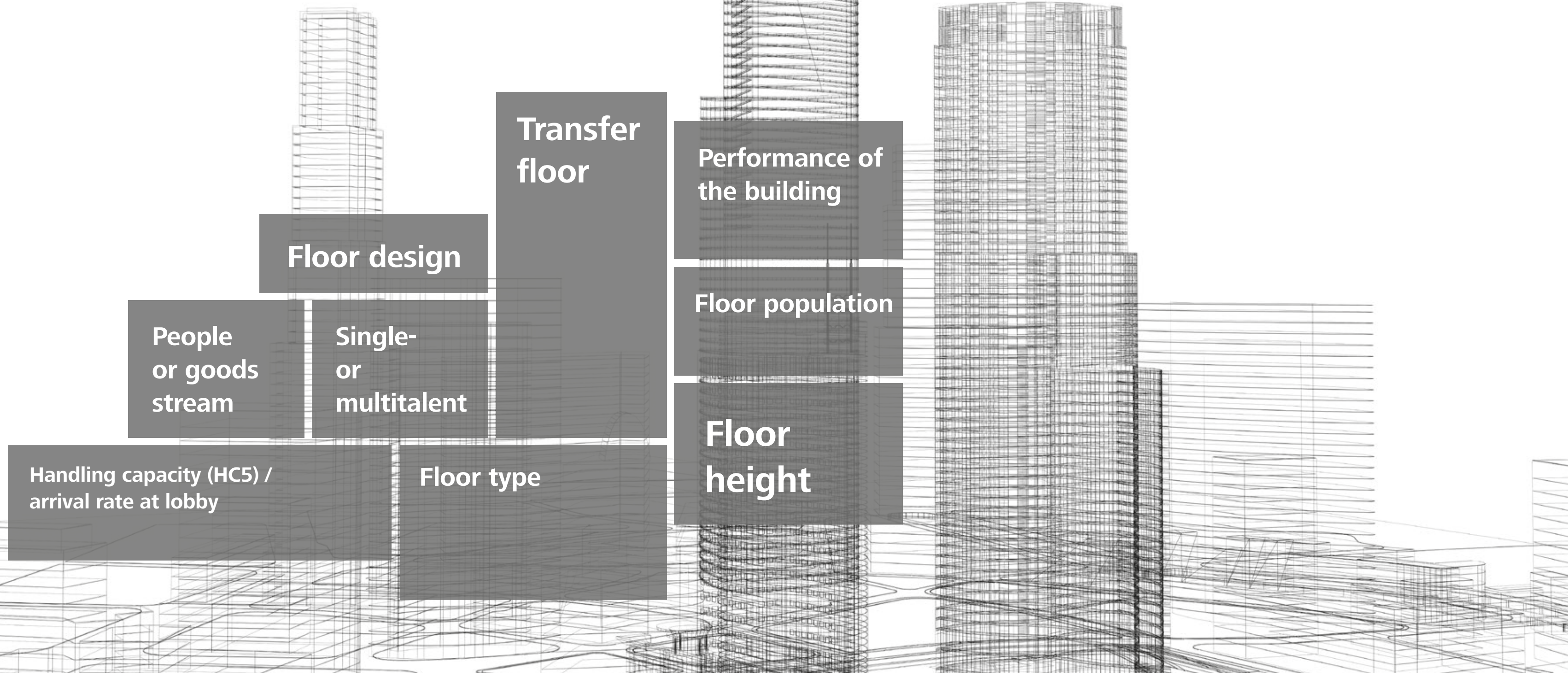
INSTALL

OPERATE

MAINTAIN

# DESIGN.

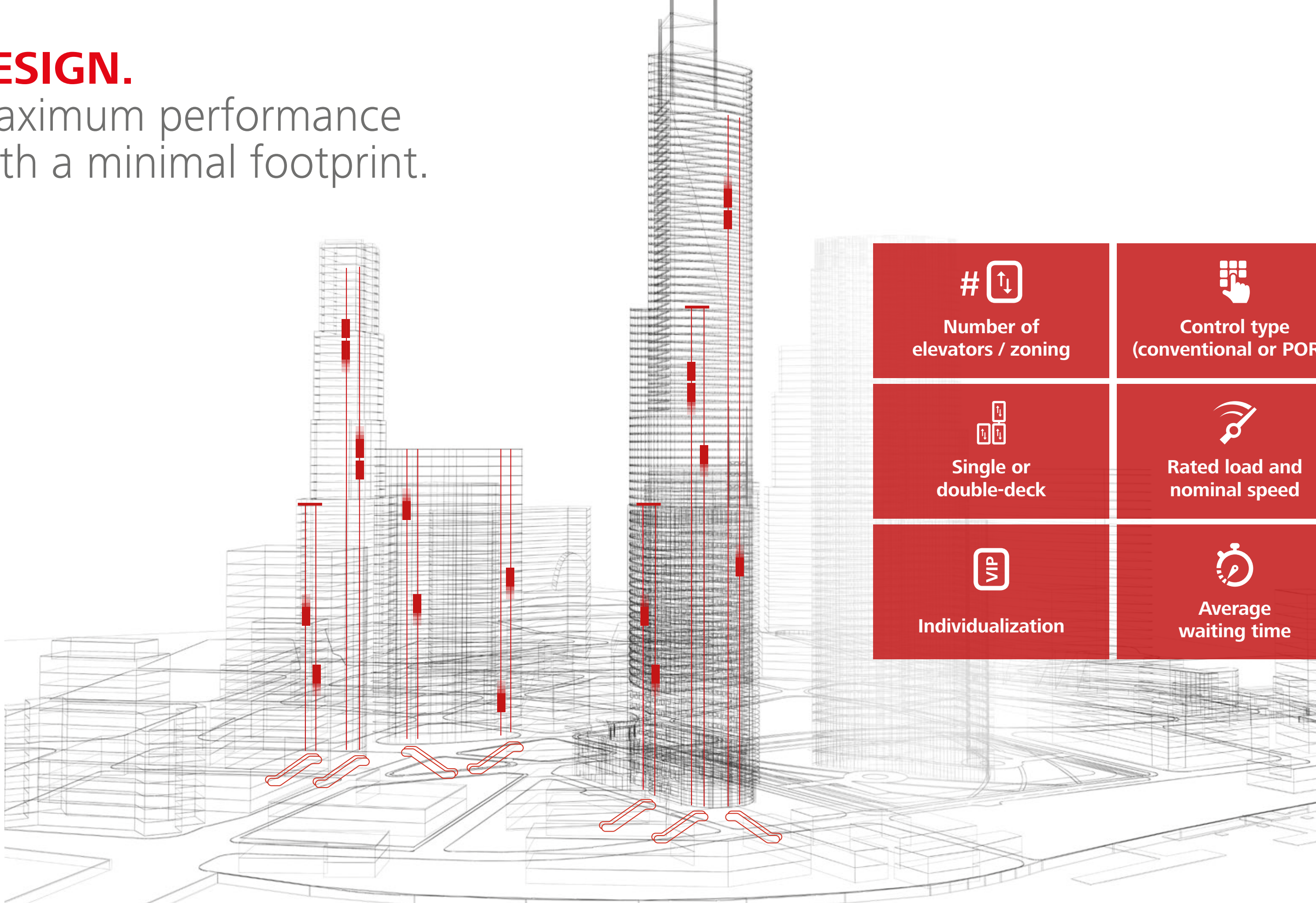
Maximum performance with a minimal footprint.





# DESIGN.

Maximum performance  
with a minimal footprint.



Number of  
elevators / zoning



Control type  
(conventional or PORT)



Single or  
double-deck



Rated load and  
nominal speed




Individualization



Average  
waiting time


# DESIGN.

Matching you with the perfect package.

ECO PACKAGE
STYLE PACKAGE
COMFORT PACKAGE
HEAVY USE PACKAGE
SHUTTLE PACKAGE
PORT PACKAGE

HOTEL

ECO PACKAGE
STYLE PACKAGE
COMFORT PACKAGE
HEAVY USE PACKAGE
SHUTTLE PACKAGE
PORT PACKAGE

MIXED USE

ECO PACKAGE
STYLE PACKAGE
COMFORT PACKAGE
HEAVY USE PACKAGE
SHUTTLE PACKAGE
PORT PACKAGE

RESIDENTIAL

ECO PACKAGE
STYLE PACKAGE
COMFORT PACKAGE
HEAVY USE PACKAGE
SHUTTLE PACKAGE
PORT PACKAGE

OFFICE

# DESIGN.

Your journey through the building.



# INSTALL.

Efficient installation meets perfect operation.

Fast development of urbanization creates a need for taller buildings with more efficient and innovative mobility solutions even during building construction. As a market leader in urban mobility, Schindler is meeting the challenges by continuously developing the best solutions for our customers.

## **Safe operation**

Compliant with latest universal safety standards.

## **Speed up construction**

Efficient movement of workers and materials.

## **Save expense**

Earliest availability of permanent elevators.



# INSTALL.

TREX – Five steps to Large Project Management.

**A.** Tender

Early engagement combined with thoughtful design.

**B.** Award

Enabling customers to make confident and informed decisions.

**C.** Pre-Site

Comprehensive pre-site inspections and checklists.

**D.** Site Execution

Precise installation to meet highest quality and safety standards.

**E.** Handover

On time delivery of perfect solutions.

# INSTALL.

Supply Chain – From anonymous to prominent.

Our  
guiding  
ethos.



Right **product**



Right **time**



Right **place**



Right **quality**



Right **costs**



# INSTALL.

Schindler SLIM – The scaffold-less installation methodology.

Work safety



High independence and flexibility



Reusable material



Adjustable for all shaft dimensions



Precise guide rail and door alignment



Tailored solutions for individual jobsite situations



# INSTALL.

Schindler CLIMB Lift – Efficient installation meets perfect operation.

Work safety



Earlier facade closing



Optimized site logistics



Reduced waiting times



Increased site productivity



All-weather operation



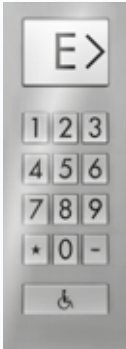








# OPERATE.

The evolution to Transit Management.

Conventional Control		Traffic Management		Transit Management	
one button	up / down button	Miconic 10	Schindler ID	PORT	myPORT
1902	1934	1992	2002	2009	2016
					

# OPERATE. PORT Technology.



## Transportation

Advanced algorithms continually calculate your most effective journey through the building.



## Access system

Whether it's walking into the lobby or your final destination, PORT enables hassle-free movement throughout the building.



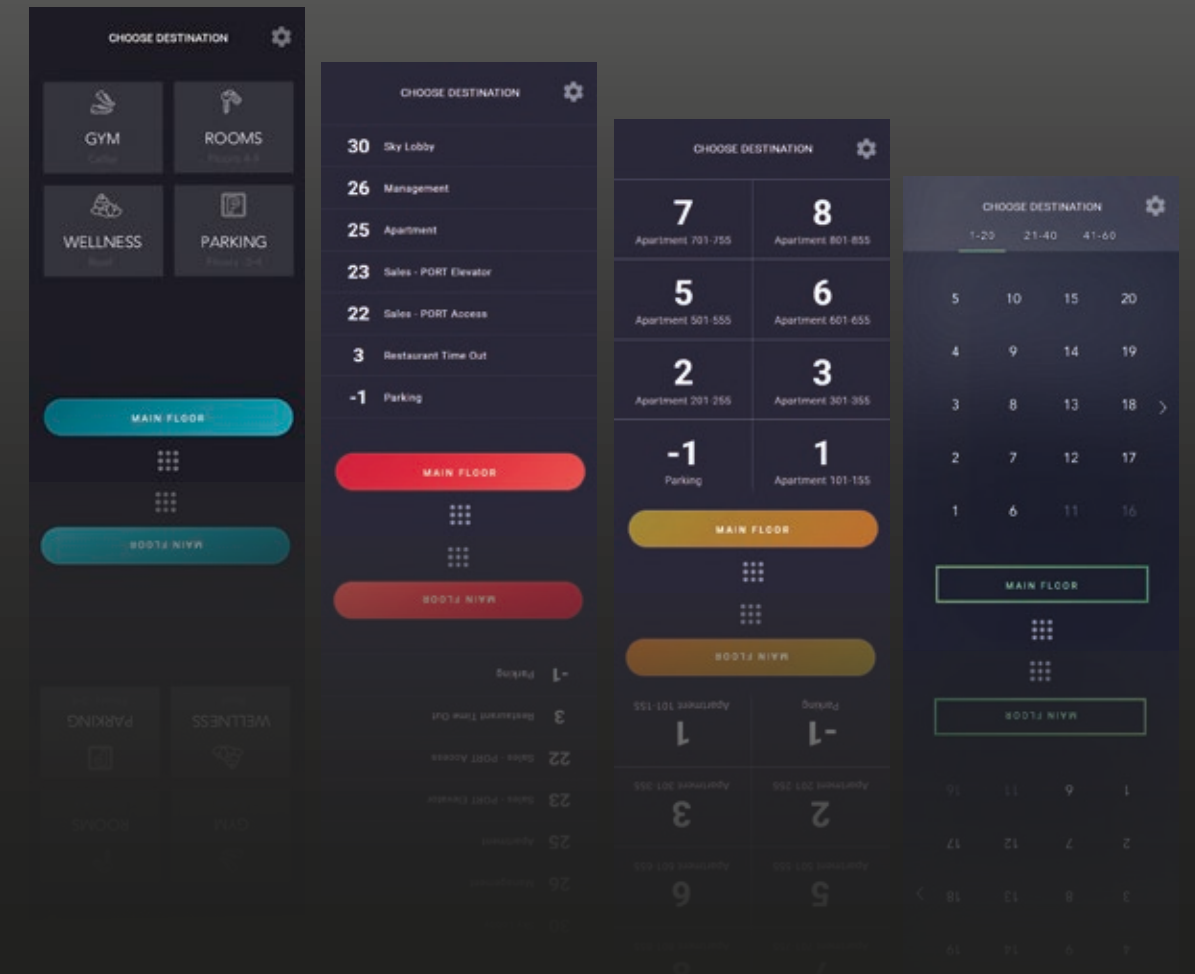
## Guidance

Graphical or spoken instructions ensure that everyone can navigate the building successfully.



## PortOS

The new PORT operating system can be completely customized in terms of functionality and style to suit your needs.



# OPERATE. PORT Technology.

The PORT Technology can reach it's full potential with the introduction of myPORT for your smart phone.

More than just an app, myPORT is a complete mobile strategy, allowing occupants to get where they need to be with all their access, guidance and transportation needs organized via their own smart phone.



## Visitor invitation

Receive your visitor invitation via SMS or email directly to your smartphone – then simply scan the code at the barrier.



## Transportation



## Access system



## Guidance

# OPERATE.

Acting sustainably with green technologies.

Up to

# 40%

savings with  
ECO mode

VDI rated A



## Highly efficient drives

BEAM

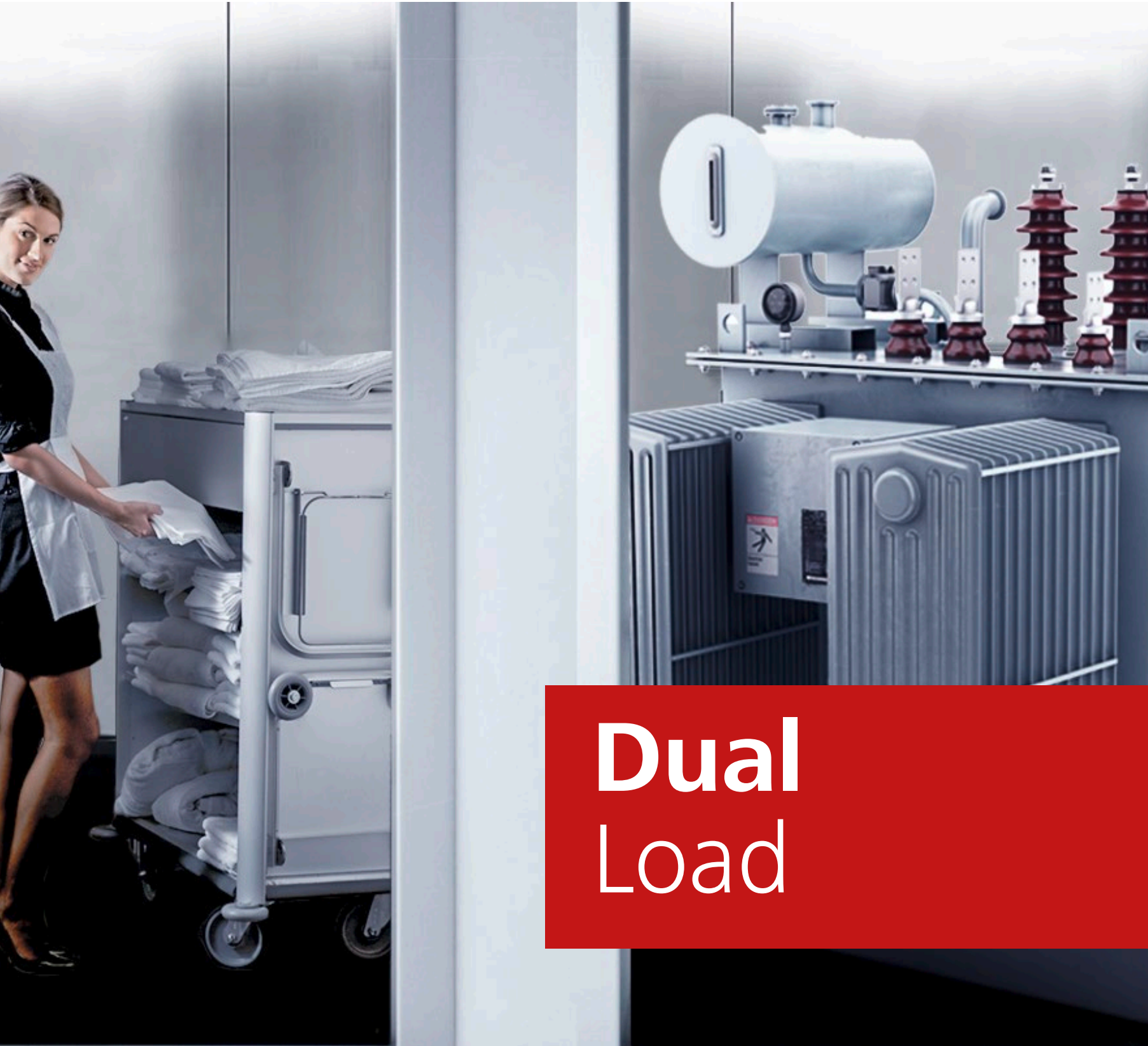
# Inverter Technology

LEED

# Green Motion Technology

# OPERATE.

Perfect solutions for your convenience.



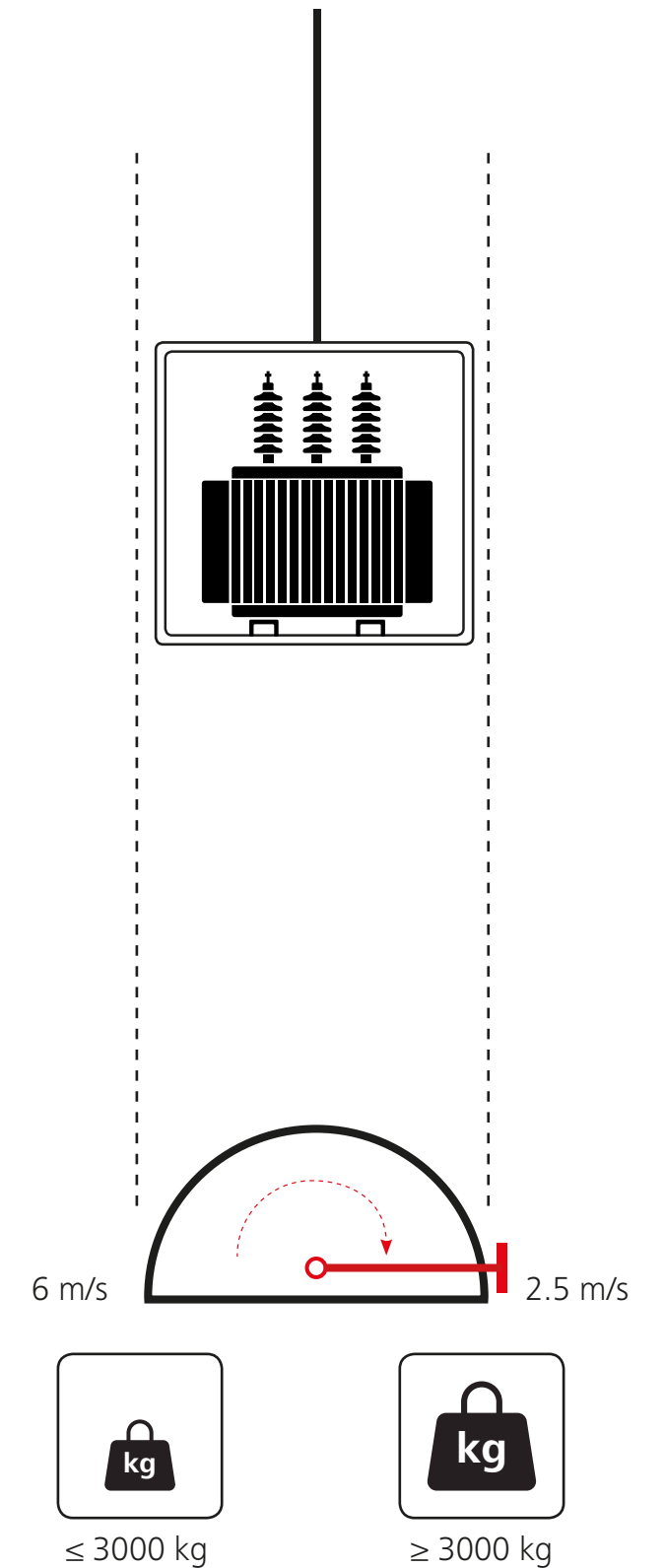
## Dual Load

Schindler creates solutions which can benefit the building on a daily basis. One of them is for the movement of heavy goods without the need for a specific goods elevator.

In the event of needing to transport abnormally heavy loads through the goods elevators, Schindler Dual load allows the customer to exchange speed for weighted load at the flip of a switch.

This standard feature in the Schindler 7000 means:

- No configuration change necessary to perform switch
- No additional or separate heavy duty elevator required
- No negative impact on overall traffic performance



# OPERATE.

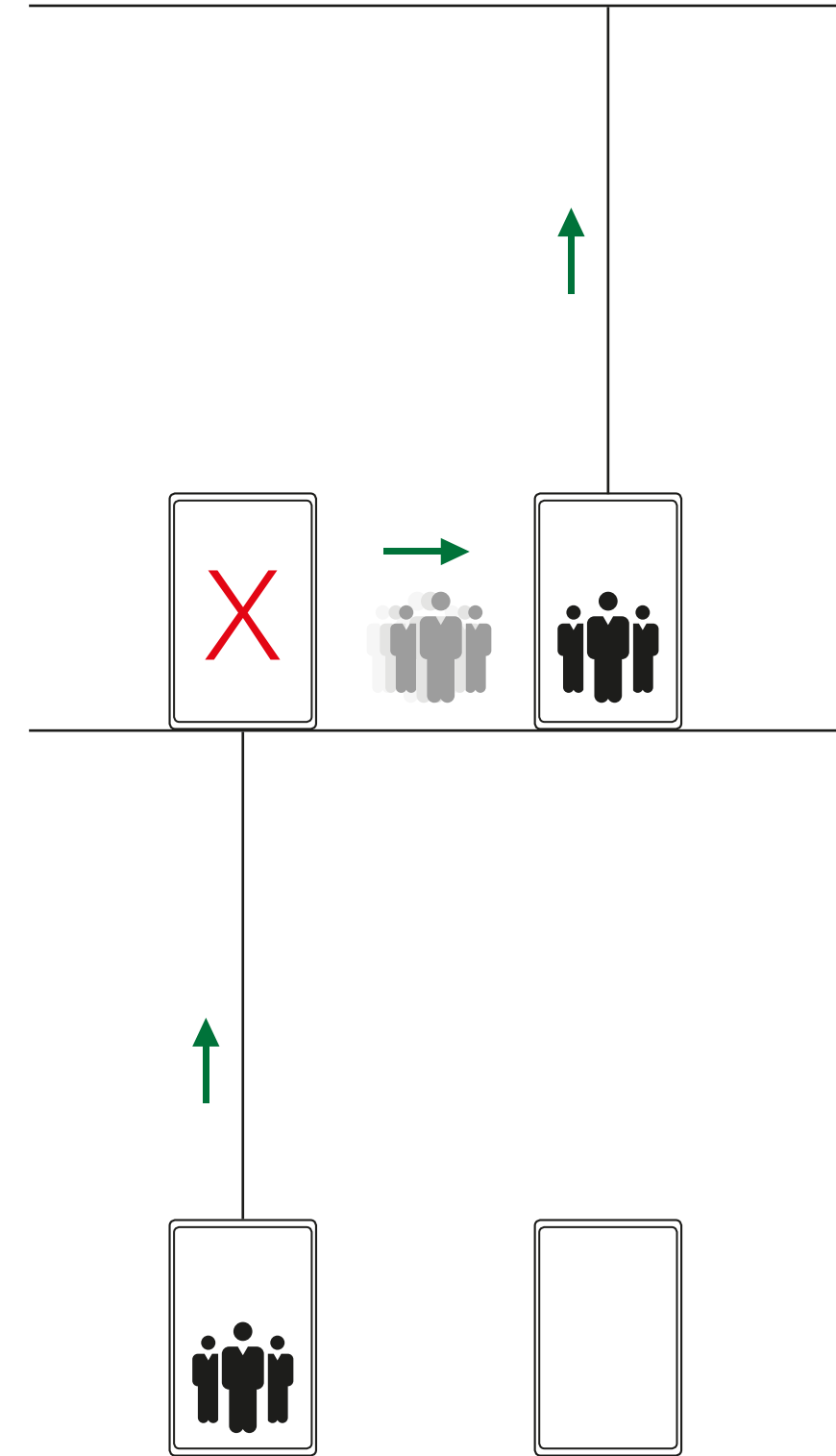
Perfect solutions for your convenience.



The Schindler 7000, as standard, now has the ability to prevent passenger entrapments. We call this functionality **graceful release**.

Using advanced technologies, graceful release will ensure that in the highly unlikely event of a fault occurring, the elevator recognises the problem and parks itself at the closest available floor allowing the passengers to exit.

Once the passengers have exited the car, they are free to continue their journey with the other available cars and minimise any delay.



# MAINTAIN.

Ensuring constant uptime.

## Predictive

A truly digital elevator which informs you of the live performance of the elevator and predicts any maintenance required.

## Automatic lubrication

Allows drives to be lubricated automatically with the correct amount of grease and at the right greasing intervals.

## Trip-based

Maintenance based on actual usage/journeys taken rather than calendar schedule.

## Tools equipment

We always ensure our technicians have all the correct tools for any job.

## 24/7 services

Schindler's call center dispatches or automatically re-routes the nearest Schindler technician to inspect the unit at hand.

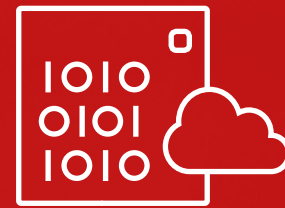
## Field link

One of the technician's tools to ensure efficient and accurate diagnostics on site.



# SCHINDLER AHEAD.

Smart mobility solutions enable better services.



Connectivity, IoT Cloud and Analytics



## Connected customers

- Improved transparency
- Always up-to-date
- Effective communication



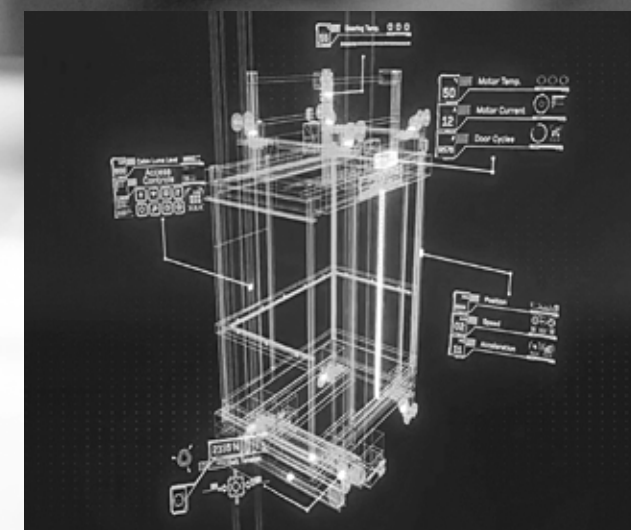
## Connected passengers

- Easy and controlled access
- Constantly informed
- Entertainment



## Connecting the dots

- First-in-Industry closed-loop platform
- Connecting all parties



## Connected products

- Predictive analytics and machine learning
- Improved uptime



## Connected personnel

- Better productivity
- Elevating service with real-time data

# TURNING DATA INTO CUSTOMER BENEFITS



## CONVENIENCE



## INSIGHTS



## UPTIME

### **PASSENGERS**

- Reduction of waiting times and higher reliability
- Being kept informed about equipment status and maintenance work via app, text message or email
- Increased convenience and comfort thanks to interactive and personalized information and entertainment services

### **FACILITY MANAGER / ADMINISTRATOR**

- High reliability and uptime with fast reaction times thanks to predictive maintenance
- Real-time information on equipment status and performance
- Full transparency on status of maintenance work thanks to push notifications via app, text message or email

### **BUILDING MANAGER / OWNER / DEVELOPER**

- High reliability and uptime improve overall building performance
- Insights about component life-time allow for mid-term planning like repairs or modernization needs
- Complete digital documentation of equipment portfolio
- 24/7 digital emergency service

# SCHINDLER AHEAD ACTIONBOARD

With Schindler ActionBoard you can view all elevator and escalator statuses, ongoing activities, performance indicators and usage statistics on your PC or mobile device.

## IN CONTROL



Plan Ahead-Customizable reports deliver exactly what you need and the real-time status updates even enable you to track specific equipment.

## FEATURES



- Portfolio overview
- Real-time information relay
- Notification and alerts
- IoEE connections
- Custom reports
- Equipment availability

## BENEFITS



- Long term planning-historical and real-time data facilitates service or upgrade planning
- Customized information when and how you want it
- On the go – nothing is tied to the desk and all information travels with you via the Schindler Ahead ActionBoard App



**Iconic**  
Achievements

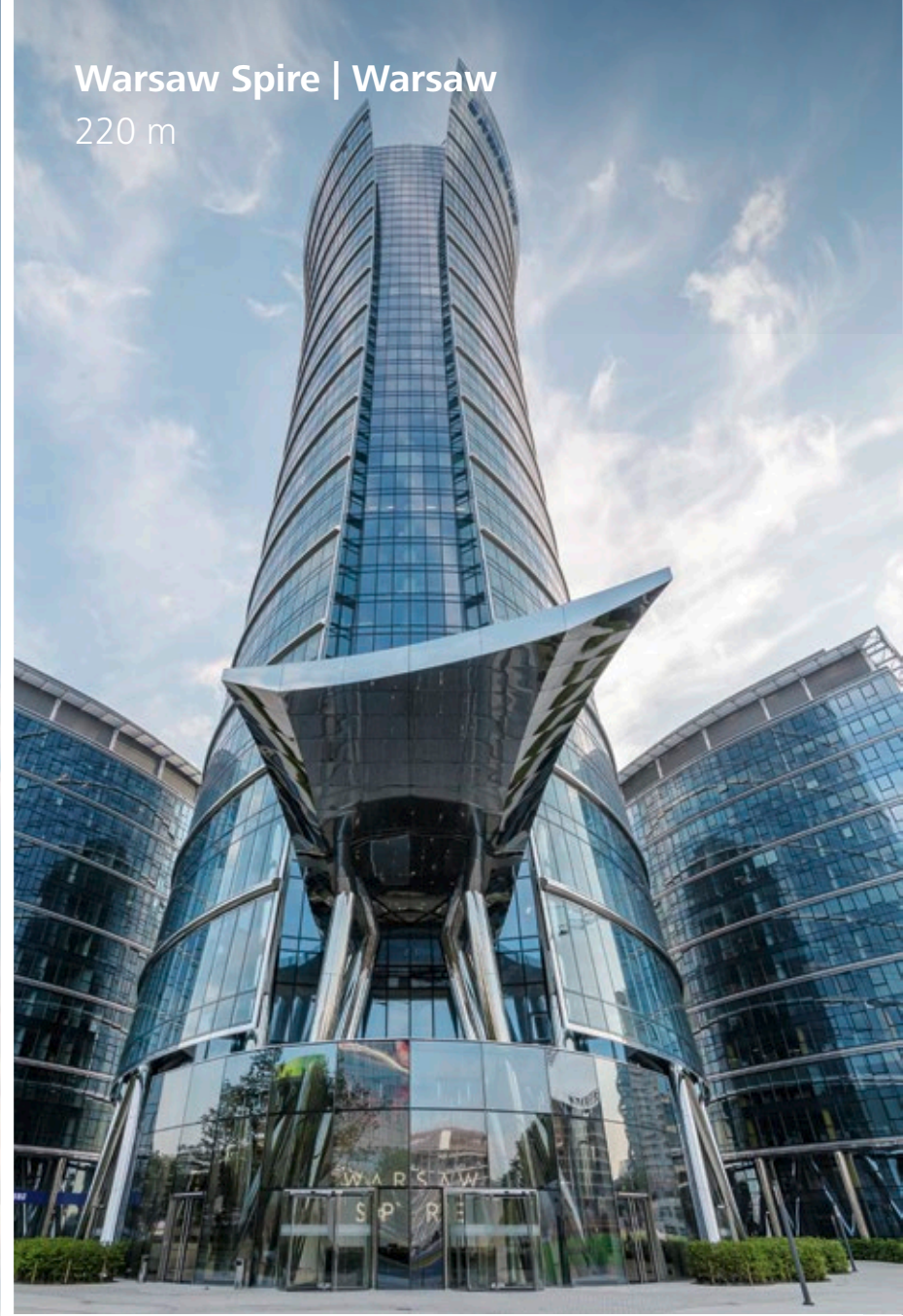
Lakhta Center | Saint Peterburg

462 m



Warsaw Spire | Warsaw

220 m



Wuhan Greenland Center | Wuhan

636 m



Menara Astra Jakarta

270 m



VietinBank | Hanoi

363 m



Tencent Seafront Tower Shenzhen

250 m



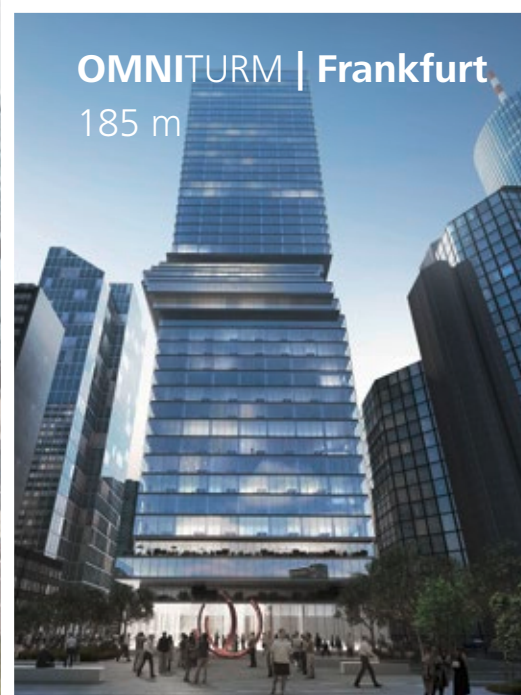
Ping An International Finance Center | Shenzhen

660 m



OMNITURM | Frankfurt

185 m



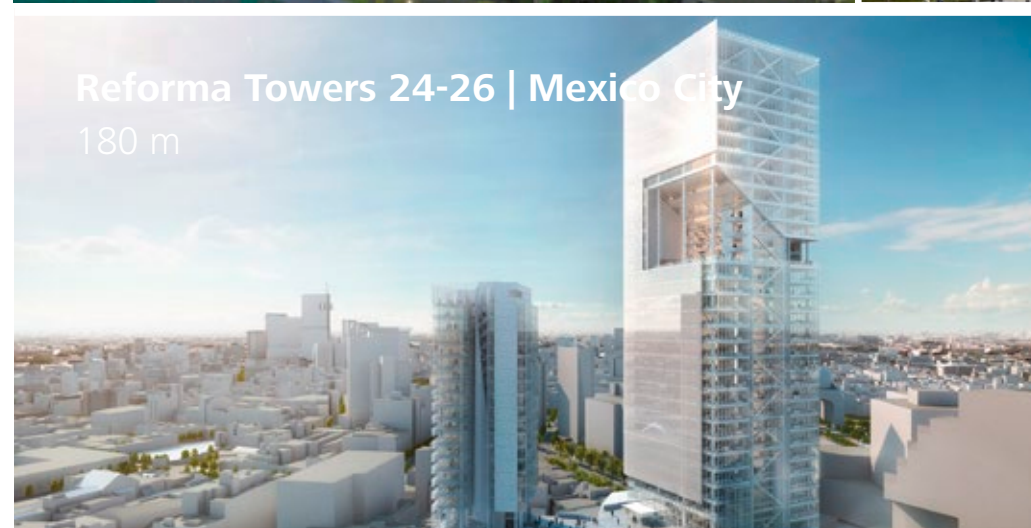
Torre Reforma Mexico City

246 m



Reforma Towers 24-26 | Mexico City

180 m



Delhi One Noida, Delhi

184 m

