

Crescent Bay, Emaar  
Karachi, Pakistan



**Merin (Pvt) Ltd.**

Karachi | Islamabad | Lahore | Multan



**Schindler**



**Merin (Pvt) Ltd.**

Karachi | Islamabad | Lahore | Multan

## Management of Merin (Pvt.) Ltd.

### **CEO**

Muhammad Ibrahim Sufi

### **Directors**

- Samina Safder Ali
- Zia Ali Sufi



**Merin (Pvt) Ltd.**

Karachi | Islamabad | Lahore | Multan

## About Us

Established in 1948; we are the leading engineering trading company in Pakistan. Since then, we have been involved in the import of diversified items. In 1952, we affiliated with M/s. Schindler to sell their products namely elevators, escalators, and walkways in Pakistan as their sole agents. Our team consists of qualified engineers who are responsible to maintain quality as well as comfort and safety.

Among our other diversified lines, we represent highly reputed and world renowned manufacturers of welding equipment, machines, pneumatic and power tools, hand tools, etc.



# Merin (Pvt) Ltd.

Karachi | Islamabad | Lahore | Multan

## Import

- Elevators and escalators (sales, installation and maintenance)
- Tools and workshop equipment
- Mechanical and machine tools

## Agencies

- Brooke Trading, U.K.
- Hitachi Koki Co. Ltd. , Japan
- Obara Corporation, Japan
- Olympus Industry, Thailand
- Schindler Limited , Ebikon –Lucern, Switzerland
- Uryu Seisako Limited , Japan



# Merin (Pvt) Ltd.

Karachi | Islamabad | Lahore | Multan

## General Trading

- Yutani: Multiple Nutrunners
- Sohken: Diesel Engine Generators
- Yanasee: Uni GP Flap Disc
- Endo: Spring Balancers
- Speed: Electric Hoists

## Associations

- Sufi & Merin (Pvt) Ltd.
- Omega Enterprises
- Merin Engineering Services



# Merin (Pvt) Ltd.

Karachi | Islamabad | Lahore | Multan

Since 1952, we have supplied and installed about 675+ Schindler elevators and escalators in some of the prestigious buildings in Pakistan. Their excellent performance backed by the best after sales service available in Pakistan have made Schindler products popular nationwide as well as abroad.

In 1966, the Government of Pakistan approved our proposal for the progressive manufacture of Schindler elevators in Pakistan. Accordingly, our factory was set up in collaboration with our principles, and manufacture commenced in 1968. With the establishment of this industrial concern, our clients can be assured of a performance and regularity of after sales service since we hold 60% share of elevator business in Pakistan.



# Merin (Pvt) Ltd.

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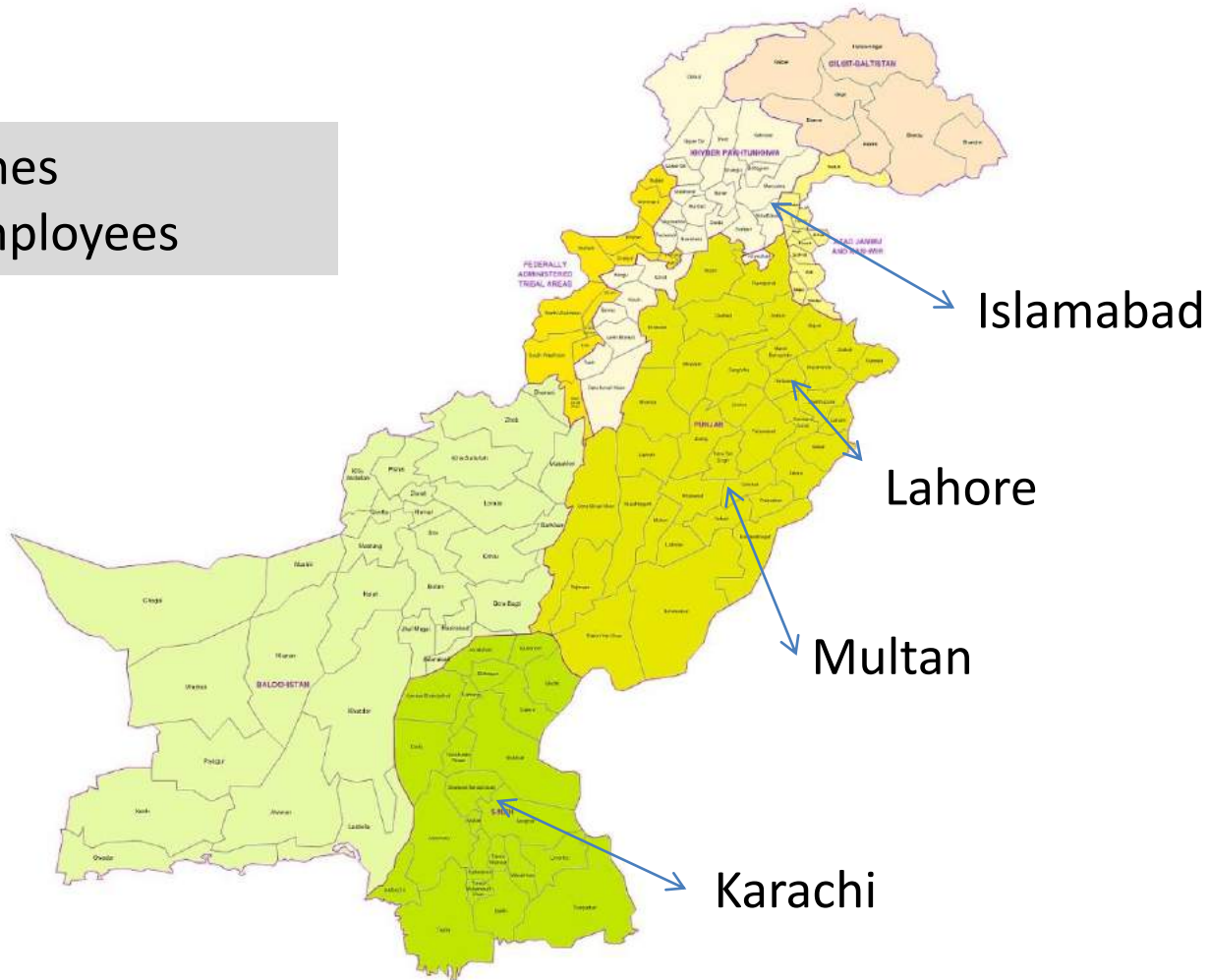
We have a dynamic sales and engineering team of qualified professionals who are responsible for consistency, quality, comfort and safety. Our factory trained engineers, electricians, erectors, and mechanics continue to provide prompt technical expertise and maintenance to our clients. To ensure efficient technology transfer in the field of elevator engineering, our technical and commercial team is appointed to Pakistan over five times a year. Our engineers are sent to Switzerland for the purpose of learning latest developments in elevator techniques. This principle of frequent exchanges has provided us the confidence to handle installation and maintenance on the latest and most sophisticated elevators.



# Merin (Pvt) Ltd.

Karachi | Islamabad | Lahore | Multan

- 4 Branches
- 250+ Employees





# Be Schindler

## Be Everywhere



References

Pakistan



# Merin (Pvt) Ltd.

Karachi | Islamabad | Lahore | Multan

## Crescent Bay, Emaar

Karachi



## Specs

No. of Elevators	8
Model No.	5500AP
Speed	2.5 m/s
No. of Stops	30

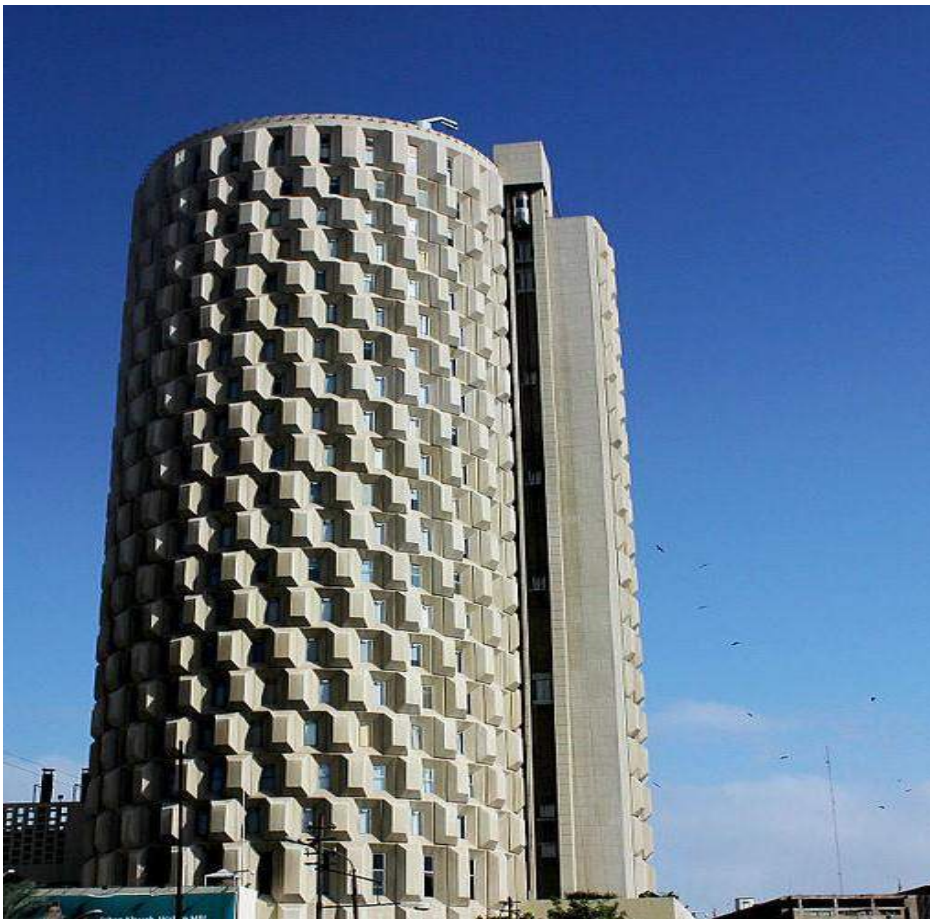


# Merin (Pvt) Ltd.

Karachi | Islamabad | Lahore | Multan

## Habib Bank Plaza

Karachi



### Specs

No. of Elevators	6
Model No.	500P
Speed	3.5 m/s
No. of Stops	22; 23



# Merin (Pvt) Ltd.

Karachi | Islamabad | Lahore | Multan

## Metro Bus

Karachi



## Specs

No. of Escalators	67
Model No.	9300AE



# Merin (Pvt) Ltd.

Karachi | Islamabad | Lahore | Multan

## MCB Tower

Karachi



## Specs

No. of Elevators	6
Model No.	500P
Speed	3.5 m/s
No. of Stops	23; 23; 28; 25; 25; 24



# Merin (Pvt) Ltd.

Karachi | Islamabad | Lahore | Multan

## Centuarus Shopping Mall

Islamabad



### Specs

No. of Elevators	7
Model No.	3300AP; 5400
Speed	1.0 m/s
No. of Stops	7
No. of Escalators	16
Model No.	9300AE



# Merin (Pvt) Ltd.

Karachi | Islamabad | Lahore | Multan

## Secretariat Block

Islamabad



## Specs

No. of Elevators	14
Model No.	5500EU
Speed	1.0 m/s
No. of Stops	12; 14



# Merin (Pvt) Ltd.

Karachi | Islamabad | Lahore | Multan

## Islamabad Metro Bus

Islamabad



### Specs

No. of Elevators	83
Model No.	3300AP
Speed	1.0 m/s
No. of Stops	2
No. of Escalators	83
Model No.	9300AE





# Merin (Pvt) Ltd.

Karachi | Islamabad | Lahore | Multan

## Hameed Lateef Hospital

Lahore



### Specs

No. of Elevators	3
Model No.	5500AP
Speed	1.5 m/s
No. of Stops	2 units at 16 stops 1 unit at 12 stops



# Merin (Pvt) Ltd.

Karachi | Islamabad | Lahore | Multan

## Askari Tower

Lahore



## Specs

No. of Elevators	7
Model No.	5500AP
Speed	5 units at 2.0 m/s 2 units at 1.7 m/s
Stops	5 units at 18 stops 2 units at 19 stops



# Merin (Pvt) Ltd.

Karachi | Islamabad | Lahore | Multan

## Boulevard 57

Lahore



## Specs

1 passenger elevator

Model No. 5500AP

Speed 1.0 m/s

Stops 4

1 cargo elevator

Model No. 5500AP

Speed 1.0 m/s

Stops 6

6 escalators

Model No. 9300AE-11

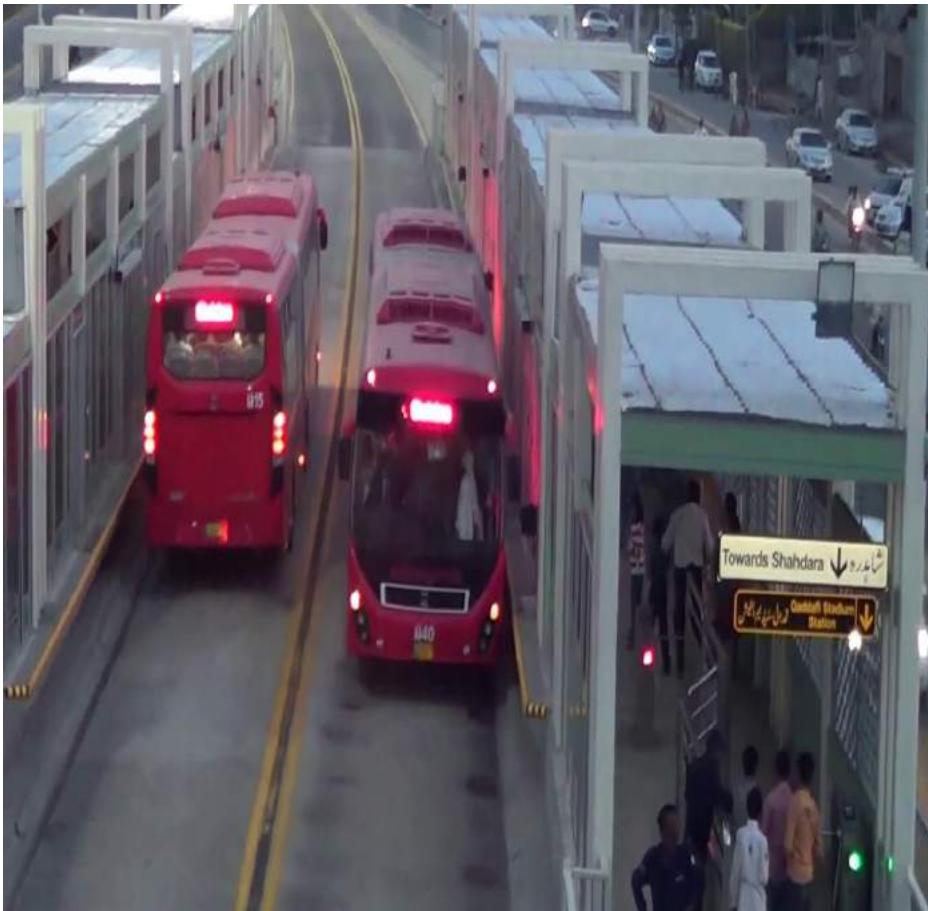


# Merin (Pvt) Ltd.

Karachi | Islamabad | Lahore | Multan

## Metro Bus

Lahore



## Specs

No. of Escalators

99

Model No.

9300AE



# Merin (Pvt) Ltd.

Karachi | Islamabad | Lahore | Multan

## Metro Bus

Multan



## Specs

No. of Escalators

62

Model No.

9300AE

# Schindler

## About the company



Founded in Switzerland in 1874, the Schindler Group is a leading global provider of elevators, escalators and related services.

Its innovative and environmentally-friendly access and transit management systems make an important contribution to mobility in urban societies.

In 2016, the Schindler Group generated revenue of more than CHF 9.7 billion. Schindler mobility solutions move more than one billion people every day all over the world. Behind the company's success are over 60,000 employees in more than 100 countries.



**Merin (Pvt) Ltd.**

Karachi | Islamabad | Lahore | Multan

## Code of Conduct

Schindler employees around the world shall maintain the highest standards of personal and professional in their relationship with customers, fellow employees, suppliers, competitors, governments and communities.

Schindler employees must abide by the following code of conduct:

- Comply with all applicable laws and regulations;
- Adhere to high ethical standards by respecting the rights and dignity of all persons with whom they are dealing with and by not accepting illicit benefits nor extending such benefits to other persons;
- Do not compete in any way with Schindler's business and avoid conflicts of interest which are detrimental to Schindler;
- Keep Schindler's business, financials and technical data as well as internal business documents confidential and not to misappropriate Schindler's or other companies' tangible or intellectual property; and
- Actively help Schindler in achieving compliance with Code of Conduct.

Schindler will monitor adherence of this Code of Conduct and take appropriate actions against any violations.

# Be Schindler

## Facts & Figures

### Founded:

1874, in the city of Lucerne, Switzerland.

### Headquarters:

Ebikon, canton of Lucerne, Switzerland.

### Activities:

Schindler develops, manufactures, installs, maintains (services) and modernizes elevators, escalators, moving walks and transit management solutions for all kinds of application requirements e.g. from train stations and hospitals to commercial and residential buildings.

### Locations:

A network of more than 1,000 branches in over 100 countries.

### Revenue:

Group revenue was CHF 9.7 billion in 2016.

### Market position:

Schindler is among the top four leading global elevator, escalator and moving walk suppliers.



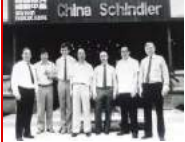





### Employees:

More than 60,000



# Schindler History

## 140 Years of Experience

1874	1900	1950	1980	2000	2010	2014	2016	
								
<p><b>1874</b> Establishment of the company by Robert Schindler</p>	<p><b>1889</b> Start of elevator manufacturing</p> <p><b>1900</b> Factory construction in Lucerne</p>	<p><b>1956</b> The world's first electronically controlled AC-driven elevator</p>	<p><b>1980</b> 1<sup>st</sup> western industrial joint venture with PR of China</p>	<p><b>1993</b> Number one in escalator business worldwide</p> <p><b>2000</b> World's first synthetic elevator rope</p> <p><b>2003</b> Establishment of Schindler Award</p> <p><b>1997</b> World's first machine-roomless (MRL) Elevator</p>	<p><b>2009</b> Launch of pioneering PORT Technology</p>	<p><b>2011</b> Partnership with Solar Impulse</p>	<p><b>2014</b> Opening of new factories in China and India</p> <p><b>2016</b> Partnership with GE Digital &amp; Huawei</p>	



# Schindler

## Management of Schindler Group

### Board of Directors (BoD)

#### Supervisory and Strategy Committee (VRA)

**Silvio Napoli**  
Chairman BoD



**Prof. Dr. Karl Hofstetter**  
Executive member BoD



#### Group Executive Committee

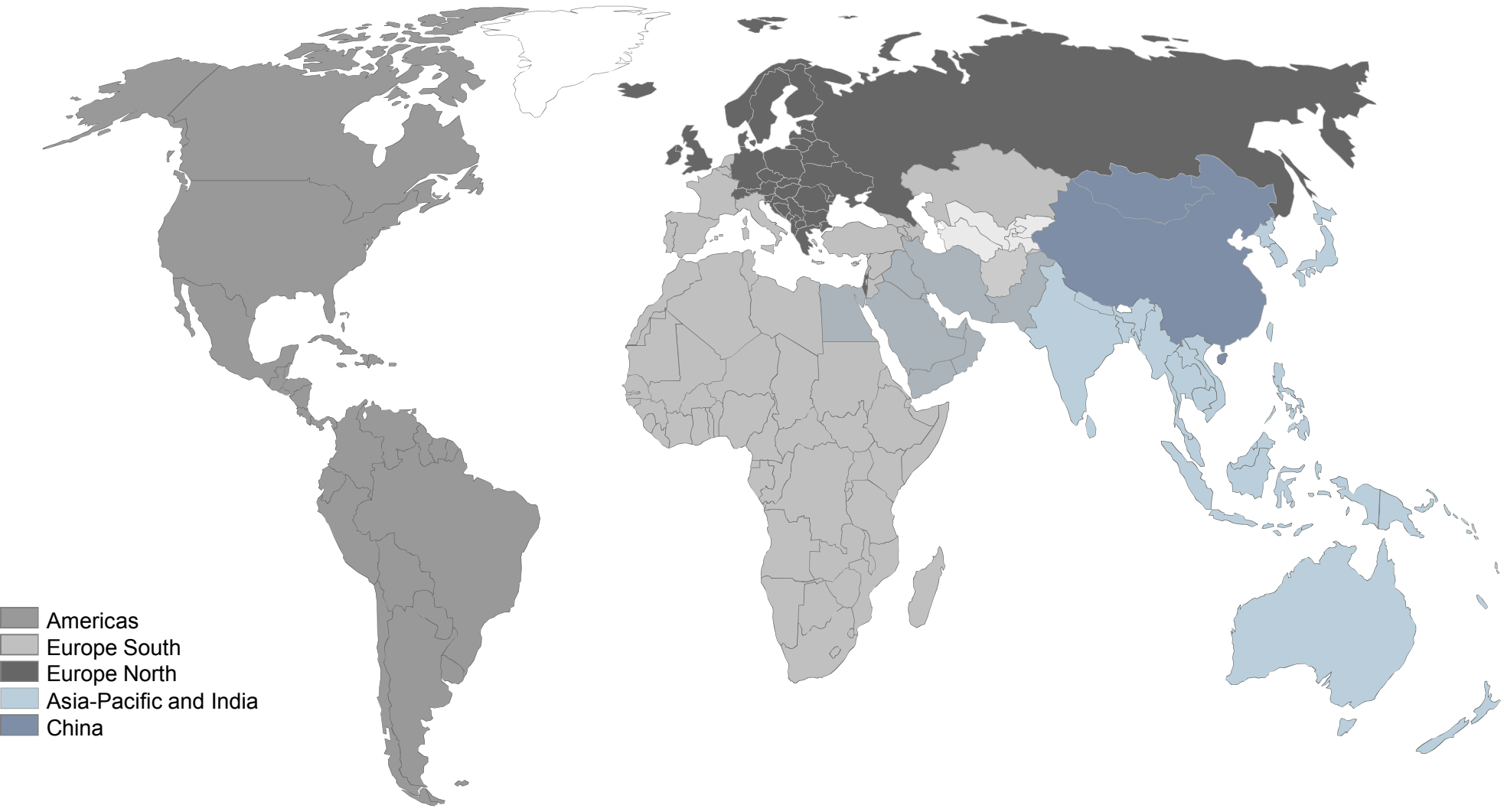
**Thomas Oetterli**  
CEO



- **Erich Ammann**, Deputy CEO, Chief Financial Officer
- **Julio Arce**, Field Quality & Excellence
- **Karl-Heinz Bauer**, CTO
- **David Clymo**, Corporate Human Resources
- **Paolo Compagna**, Europe North
- **Carlos Guembe**, Europe South
- **Andre Inserra**, Americas
- **Michael Nilles**, Chief Digital Officer
- **Christian Schulz**, Operations
- **Robert Seakins**, Asia Pacific and India
- **Egbert Weisshaar**, Escalators and Supply Chain
- **Daryoush Ziai**, China

# Schindler

## Global presence



more than 60,000 employees – more than 100 countries – more than 1,000 branches

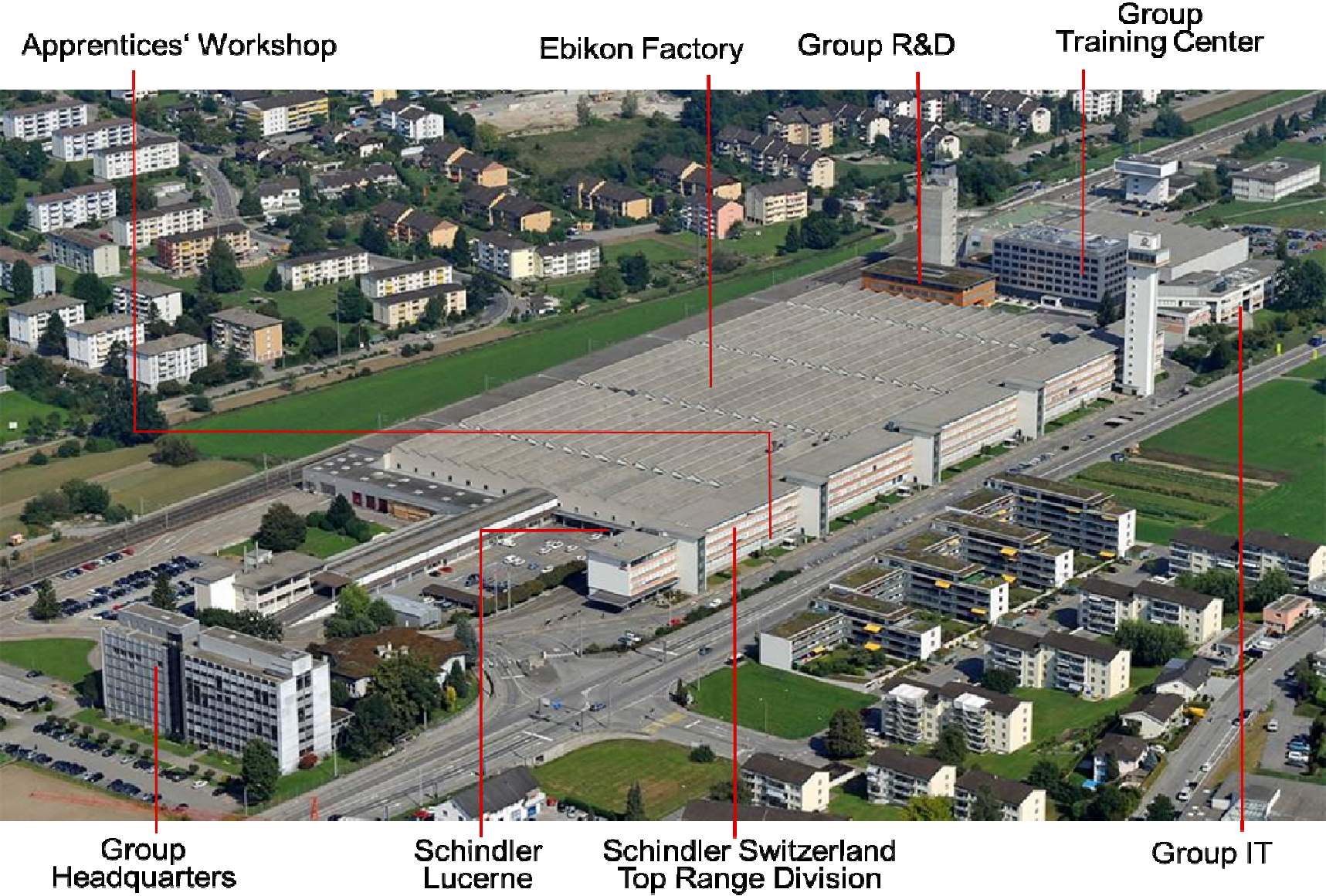
# Schindler

## Manufacturing sites (elevators & escalators)



# Schindler

## Campus Ebikon



# Schindler

## “World-Class” manufacturing facilities



China  
Shanghai



Slovakia  
Dunajská Streda



India  
Pune



Hanover  
USA

**Plot size:** 325 000 m<sup>2</sup>

- Elevator factory
- Escalator factory
- Schindler City incl. Test Tower
- R&D Center
- Next step: Step plant

**Plot size:** 75 000 m<sup>2</sup>

- Escalator factory
- Elevator factory
- Logistics Center

**Plot size:** 160 000 m<sup>2</sup>

- Elevator factory
- R&D Center
- Test Tower
- Next step: Escalator factory

**Plot size:** 14 000 m<sup>2</sup>

- Elevator factory
- Logistics Center

# Schindler

## “World-Class” manufacturing facilities



Switzerland / Locarno



Spain / Zaragoza

China / Suzhou



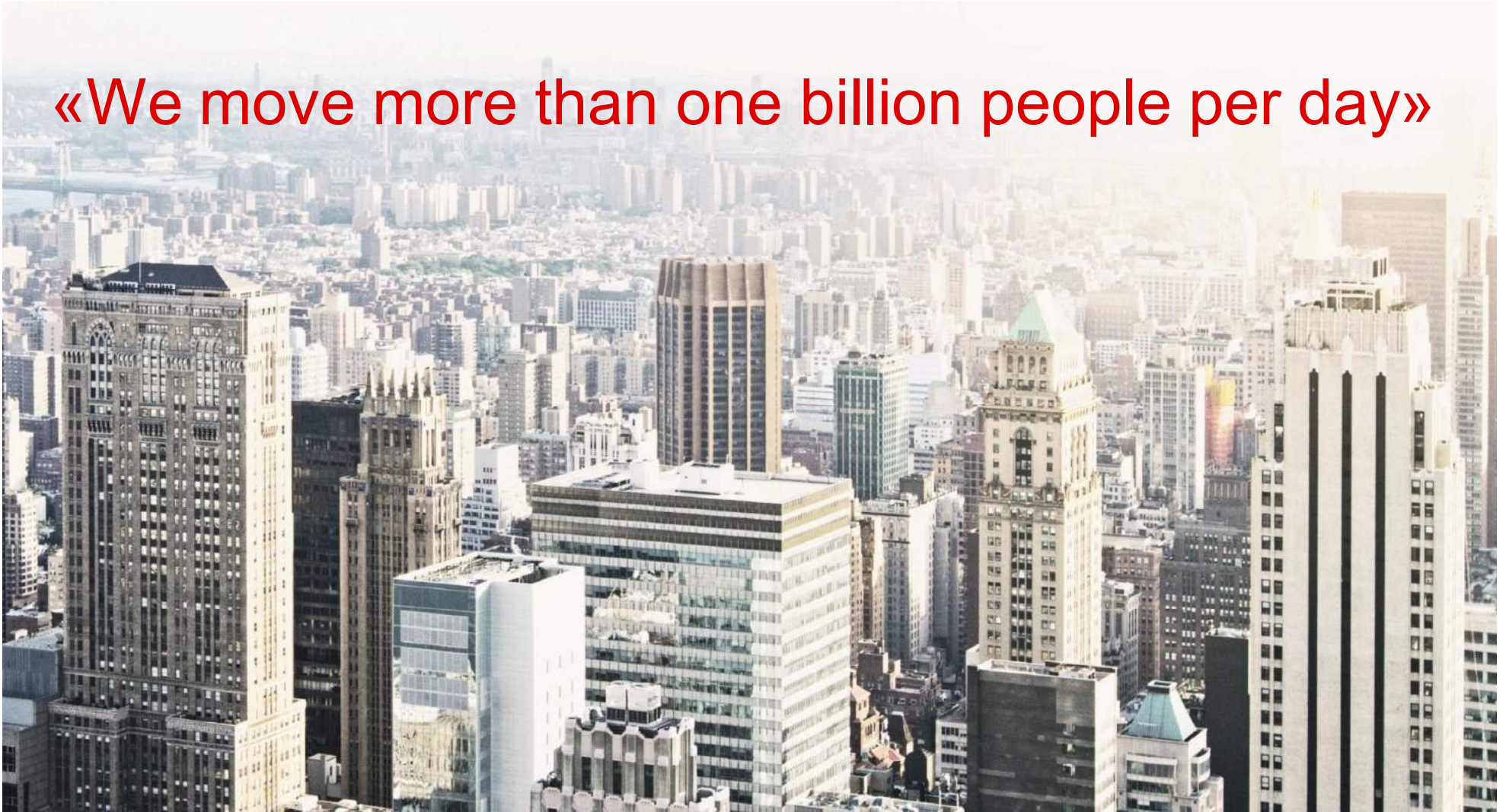
China / Shanghai



# Mobility Solutions

Schindler products enable Urban Mobility

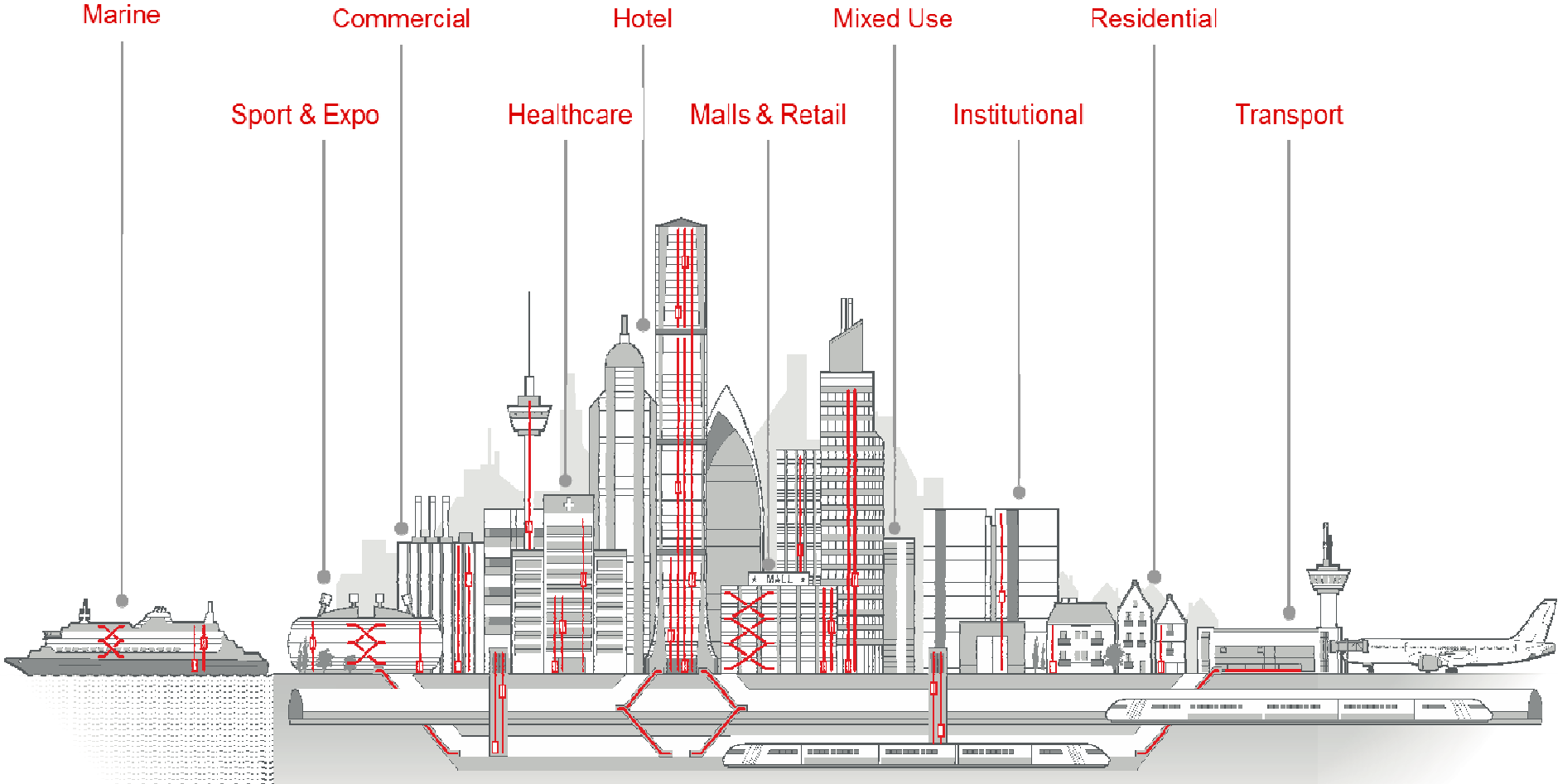
«We move more than one billion people per day»





# Schindler enables Urban Mobility

Our solutions for your building



# Mobility Solutions

## Our products



Elevators



Escalators



Moving Walks



Transit Management

# Elevators

## Overview



# Elevators

## Overview – Global Product Lines



### Key figures & benefits

	Schindler 3300	Schindler 5500	Schindler 7000
Application	Commodity	Custom Modular	Global high-rise solution (Single- & double-deck elevators)
Capacity	400 kg – 1'125 kg 5 – 15 passengers	630 kg – 2'500 kg 8 – 33 passengers	4'000 kg (single-deck) 2x 2'250 kg (double-deck)
Travel height	up to 60 m and 20 floors	up to 150 m and 50 floors	up to 500m
Speed	1.0 m/s and 1.6 m/s	1.0 m/s up to 3.0 m/s MMR and MRL	10 m/s
Key benefits	<ul style="list-style-type: none"> <li>– Solid performance</li> <li>– Space efficiency</li> <li>– Green mobility</li> <li>– Choice of design</li> </ul>	<ul style="list-style-type: none"> <li>– Space configurability</li> <li>– Green mobility</li> <li>– High-level performance</li> <li>– Choice of design</li> </ul>	<ul style="list-style-type: none"> <li>– Green mobility</li> <li>– Smart operation</li> <li>– Space efficiency</li> </ul>

# Elevators

## Schindler 3300



### Key figures

Capacity	400 - 1'125 kg, 5 - 15 passengers
Travel height	Max. 60 m, max. 20 stops
Speed	1.0 m/s, 1.6 m/s
Interior	Two style sets and three décor lines or Libertà concept

### Key benefits

#### Performance



#### Solid performance

The Schindler 3300 was designed to meet Swiss standards of precision – reliability is built in. Enjoy worry-free operation day in and day out.

#### Space



#### Space efficiency

A larger car for standard-sized shafts. Smaller technical components allow roomier car dimensions and more personal space for passengers.

#### Green



#### Green mobility

Engineered to be energy efficient and eco-friendly. A quieter ride means less noise pollution as well.

#### Design



#### Choice of design

Choose an interior style from our ready-made décor lines or create your own. Either way, it's a perfect match.

# Elevators

## Schindler 5500



### Key figures

Capacity	630 to 2'500 kg 8 - 33 passengers
Travel height	Up to 150 m and 50 floors
Speed	1.0 m/s up to 3.0 m/s MMR and MRL
Interior	4 deco lines, glass panel option, bare car option

### Key benefits

#### Performance



#### High-level performance

Enjoy the faster and smoother ride. The new developments in traction media and control systems give you not only more speed, but also let you handle more passengers and goods providing optimal ride quality.

#### Space



#### Space configurability

The Schindler 5500 fits your needs, making your building work by optimizing space with excellent shaft utilization.

#### Green



#### Green mobility

The Schindler 5500 helps you lower your building's carbon footprint by using energy more efficiently – with regenerative drives for sustainable operation.

#### Design



#### Freedom of design

Create the look and feel of your elevator just the way you always imagined it. Our design lines give you the freedom of choice – from preconfigured cars to your own concept, from functional to sophisticated.

# Elevators

## Schindler 7000

### Key benefits

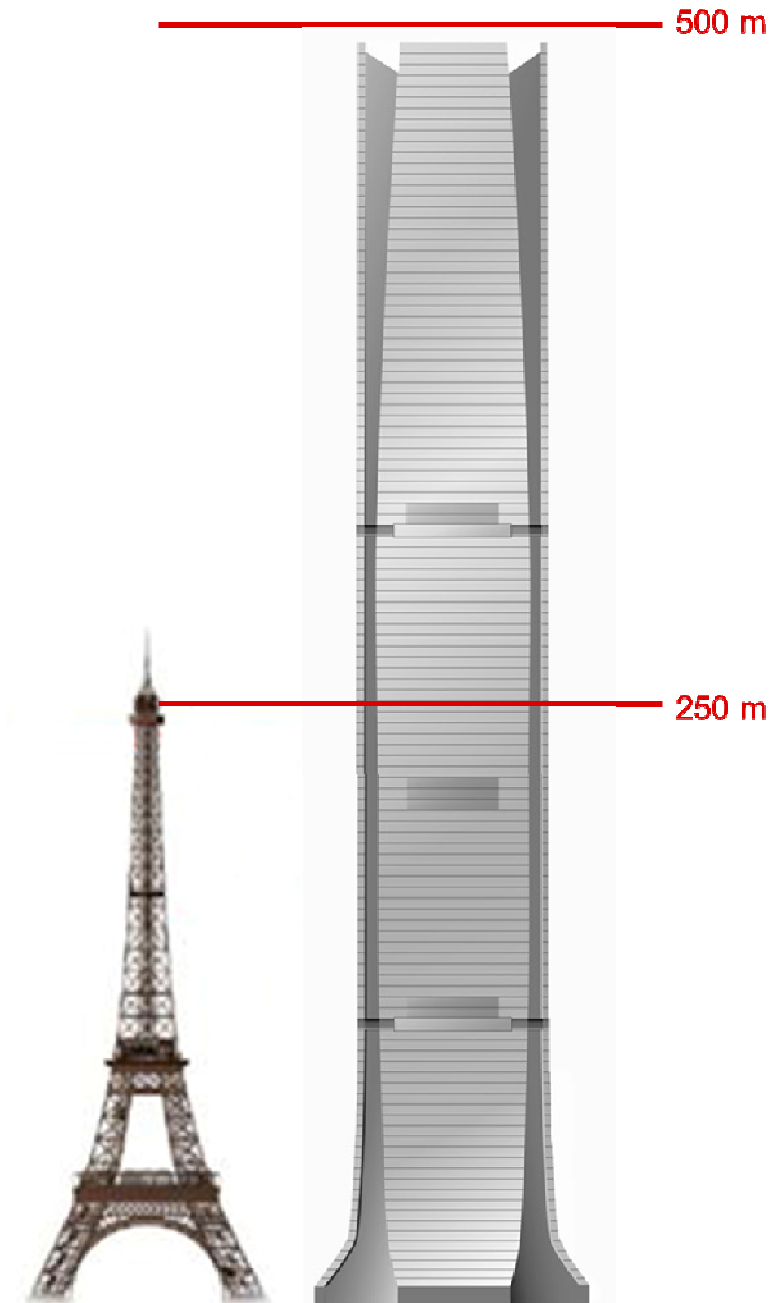
Performance	Innovative transit management solutions
Space	Maximized to your needs
Green	Most environmental friendly
Design	Infinately individual

### Schindler 7000 cabin

Travel height	500 m
Speed	2.5 – 10 m/s
Rated load	750 – 4000 kg
Traffic management	Schindler Miconic10, Schindler ID
Access management	Schindler PORT Technology

### Schindler 7000 double-deck cabin

Travel height	450 m
Speed	2.5 – 10 m/s
Rated load	2 x 1250 kg 2 x 2250 kg
Traffic management	Schindler Miconic10, Schindler ID
Access management	Schindler PORT Technology



# Escalators

## Overview





# Escalators

## Overview – Global Product Lines



### Key figures & benefits

	Schindler 9300AE	Schindler 9700
Maximal rise height	20 m at a step width of 1'000 mm	50 m at a step width of 1'000 mm
Inclination	27.3 degrees 30.0 degrees 35.0 degrees	24.5 degrees 27.3 degrees 30.0 degrees
Normal step width	600 mm 800 mm 1'000 mm	600 mm 800 mm 1'000 mm
Key benefits	<ul style="list-style-type: none"><li>– Passenger safety</li><li>– Energy efficient</li><li>– Superb performance</li><li>– Adaptable design options</li></ul>	<ul style="list-style-type: none"><li>– Ready for anything</li><li>– Smart design</li><li>– Individual requirements</li></ul>

# Escalators

## Schindler 9300AE



### Key figures

Maximal rise height	20 m at a step width of 1'000 mm
Inclination	27.3 / 30 / 35 degrees
Normal step width	600 / 800 / 1'000 mm

### Key benefits at a glance

#### Performance

##### Superb performance

The Schindler 9300AE escalator is a product with superb quality and performance, thanks to its high-grade, low-wear-and-tear components.

#### Safety

##### Your safety, our responsibility

We ensure that each passenger enjoys a safe ride.

#### Green

##### Energy-efficient, eco-friendly

Integrated with our latest energy-saving technology: premium drive efficiency, smart power management at times of low passenger density and selected low-power components, the Schindler 9300AE is one of the most efficient escalators in retail applications.

#### Design







##### Elegant adaptable design options

The Schindler 9300AE escalator offers you not only timeless basic equipment but also highly distinctive customized design options, which make it easily adaptable to smaller commercial areas and high-end shopping centers.

# Escalators

## Schindler 9300AE - ECOLINE

### Choose your ECOLINE package\*:

ECOLINE	ECO 	ECO Plus 	ECO Premium 	ECO Premium Plus 
Energy consumption*	-3,001 kWh -25% 	-4,273 kWh -36% 	-3,888 kWh -32% 	-4,196 kWh -35% 
Operating mode	Continuous operation with ECO power feature: Motor power adjusts based on passenger load	Stop-and-go operation with ECO power feature: Escalator stops when no passengers are on it	Slow-speed operation with ECO power feature: Escalator slows down when no passengers are on it	Stop-and-go and slow-speed operation with ECO power feature: Escalator stops after an adjustable time running in slow speed.
Application	For continuous medium to heavy passenger traffic	Intermittent flow including periods of zero passenger flow Non-commercial applications	Intermittent flow including periods of zero passenger flow Commercial applications	Intermittent flow including periods of zero passenger flow Commercial and non-commercial applications
Benefits	<ul style="list-style-type: none"> <li>• Maintains passenger flow</li> <li>• Power consumption reduced by up to 25%</li> <li>• Reduced power plant CO<sub>2</sub> emissions</li> <li>• Short amortization period</li> </ul>	<ul style="list-style-type: none"> <li>• Power consumption reduced by up to 36%</li> <li>• Reduced power plant CO<sub>2</sub> emissions</li> <li>• Increased escalator lifespan</li> </ul>	<ul style="list-style-type: none"> <li>• Passenger flow maintained, as escalator is in motion when passengers approach it</li> <li>• Power consumption reduced by up to 32%</li> <li>• Reduced power plant CO<sub>2</sub> emissions</li> <li>• Reduced wear &amp; tear on components</li> </ul>	<ul style="list-style-type: none"> <li>• Passenger flow maintained, as escalator is in motion when passengers approach it</li> <li>• Power consumption reduced by up to 35%</li> <li>• Reduced power plant CO<sub>2</sub> emissions</li> <li>• Reduced wear &amp; tear on components</li> <li>• Increased escalator lifespan</li> </ul>
CO <sub>2</sub> footprint	Minus 4,500 kg per year	Minus 6,410 kg per year	Minus 5,830 kg per year	Minus 6,290 kg per year
Amortization*	Less than 0.5 year	Less than 1.5 years	Less than 2 years	Less than 2 years

# Escalators

## Schindler 9700AE



### Key figures

Maximal rise height	50 m at a step width of 1'000 mm
Inclination	24.5 / 27.3 / 30 degrees
Normal step width	600 / 800 / 1'000 mm

### Key benefits at a glance

#### Performance

##### Ready for anything

High performance under extreme workloads is routine for the Schindler 9700AE.

#### Space

##### Individual requirements

The Schindler 9700AE escalator is modular. Its components can be adapted to meet the specifications of any public transportation facility.

#### Design

##### Smart design

You can make your Schindler 9700AE very appealing with transparent, stainless steel, or sandwich panel balustrades.

# Moving Walk

## Overview – Global Product Lines



### Key figures & benefits

	Schindler 9500AE inclined	Schindler 9500 horizontal
Maximal rise height	8.0 m at a pallet width of 1'100 mm	-
Maximal length	-	150 m
Angle of inclination	from 10 to 12 degrees	from 0 to 6 degrees
Normal step width	800 mm 1'000 mm 1'100 mm	1'000 mm 1'200 mm 1'400 mm
Key benefits	<ul style="list-style-type: none"> <li>- Superb quality, global service</li> <li>- Your safety, our responsibility</li> <li>- Energy efficient, eco-friendly</li> <li>- Elegant adaptable design options</li> </ul>	<ul style="list-style-type: none"> <li>- Passenger safety, everyday</li> <li>- High Performance, low energy consumption</li> <li>- Simplicity leads to reliability</li> </ul>

# Moving Walks

## Schindler 9500AE inclined



### Key figures

Maximal rise height	8.0 m at a pallet width 1'100 mm
Angle of inclination	From 10 to 12 degrees
Normal step width	800 / 1'000 / 1'100 mm

### Key benefits at a glance

Performance	<b>Superb quality</b> Thanks to its high-grade, low-wear-and-tear components, the Schindler 9500AE inclined moving walk is a product with superb quality and performance.
Safety	<b>Your safety, our responsibility</b> The Schindler 9500AE inclined moving walk is designed to meet the highest standards in the industry. We ensure that each passenger enjoys a safe ride.
Design	<b>Elegant adaptable design options</b> The Schindler 9500AE inclined moving walk offers you not only timeless basic equipment but also highly distinctive customized design options, which make it easily adaptable to smaller commercial areas and high-end shopping centers.
Green	<b>Energy efficient, eco-friendly</b> Premium drive efficiency, smart power management at times of low passenger density and selected low-power components, the Schindler 9500AE inclined moving walk is one of the most efficient moving walks in retail applications

# Moving Walks

## Schindler 9500 horizontal



### Key figures

Maximal length	150 m
Angle of inclination	From 0 to 6 degrees
Normal step width	1'000 / 1'200 / 1'400 mm

### Key benefits at a glance

#### Performance

##### High performance, low energy consumption

The Schindler 9500 horizontal moving walk maximizes energy use efficiently, lowers consumption and costs, and delivers improved performance.

#### Safety

##### Passenger safety, everyday

We designed the Schindler 9500 horizontal moving walk to meet the industry's highest standards so that each passenger enjoys a safe ride every day.

#### Quality

##### Simplicity leads to increased reliability

Because the pallets on the Schindler 9500 horizontal moving walk are secured directly to the pallet chain, wear and tear on the pallet band is kept to a minimum, ensuring extremely smooth, comfortable and quiet operation.

# Schindler Innovates

## Improving Urban Mobility



### PORT Technology

Transit management system that revolutionized the traffic and security philosophy in buildings



### myPORT

PORT Technology concept expanded to smartphones, offering even more tenant security and functionality



### Schindler LobbyVision

Monitoring, control and operation system of large equipment portfolios made possible remotely



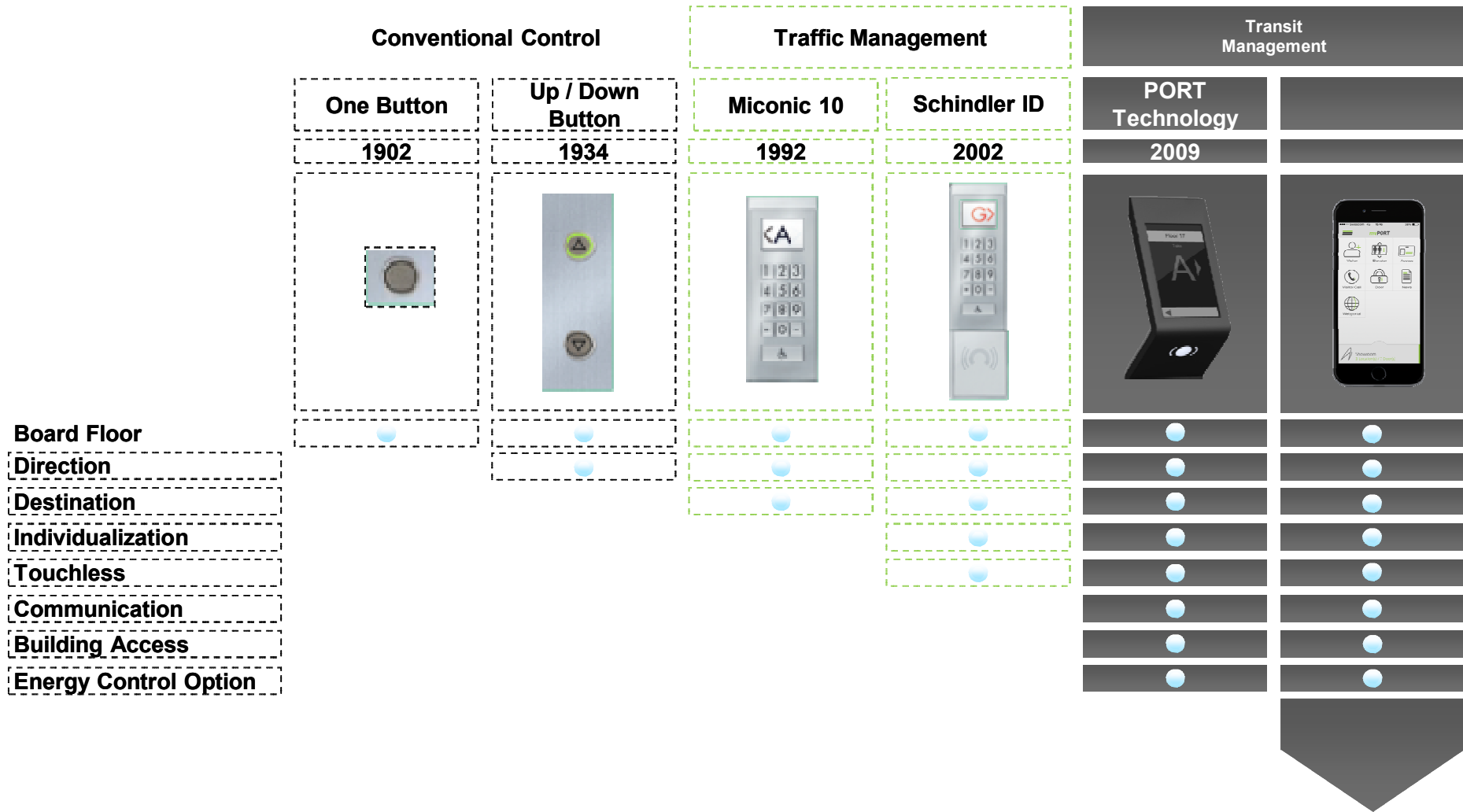
### Regenerative Drive

Technology recovering energy from the travelling elevators and feeding it back to the grid



# Schindler Innovates

## The Evolution of Transit Management



# Be Schindler

## Be a Service Leader



### Maintenance

Service contracts, options and fulfilment for all type of brands

### Repair

Repair kits and spare parts availability for up to 20 years

### Modernization

Replacements, transformation kits and components for any application

### Digital services

Remote monitoring, data analytics and personal information services

All Schindler equipment is designed to run for decades.

Schindler service experts combine skill, experience and digital technologies to make sure the equipment under their care runs at peak performance – throughout its working life.

# Be Schindler

## Be Everywhere



References

Worldwide

# Reference

## Worldwide I



Ping An Finance  
Center  
Shenzhen, China  
660 m



Run Hua International  
Center  
Nantong, China  
238 m



The North Bund White  
Magnolia Plaza  
Shanghai, China  
320 m



Hua Zhi Plaza  
Chengdu, China  
195 m

# Reference

## Worldwide II



1 William Street,  
Brisbane  
Australia  
259 m



World Trade Center  
Towers 3 & 4  
New York, USA  
383 m (Tower 4)



Hudson Yards Tower C  
New York  
USA  
310 m



Bay Adelaide East Tower  
& Podium  
Toronto, Canada  
196 m

# Reference

## Worldwide III



Corporativo Torre Origami,  
Mexico City,  
Mexico  
110 m



Heron Tower  
London  
United Kingdom  
242 m



Torre Iberdrola  
Bilbao  
Spain  
165 m



Prime Tower,  
Zurich  
Switzerland  
126 m

# Reference

## Worldwide IV



Omkar 1973 Worli,  
Mumbai  
India  
300 m



Warsaw Spire  
Warsaw  
Poland  
220 m



Costanera Center  
Santiago  
Chile  
300 m



Tencent Seafront Tower  
Shenzhen  
China  
192 m

# Reference

## Worldwide V



Torre Diana  
Mexico City  
Mexico  
168 m



Zuellig Building  
Manila  
Philippines  
155 m



VietinBank Business Centre  
Hanoi  
Vietnam  
363 m



Roche Tower  
Basel  
Switzerland  
178 m



# Reference

## Worldwide VI



Eclipse Maslak  
Istanbul  
Turkey  
145 m



Portside  
Cape Town  
South Africa  
123 m



Barangaroo South Tower  
Sidney  
Australia  
208 m



Qingdao Center  
Qingdao  
China  
245 m

# Reference

## Worldwide VII



IGA, Istanbul Grand Airport  
Istanbul  
Turkey



Chongqing Rail Transit, Line 3  
Chongqing  
China



Corde Mont Blanc  
Courmayeur  
Italy



Main Station  
Vienna  
Austria



Hangzhou Xiaoshan  
International Airport  
China



Dubai International Airport  
Concourse 4  
Dubai

# World Trade Center Towers 3&4, New York, USA

## Office building



### Tower 4, height: 297 m

#### Passenger elevators Tower 4 (right):

**6 high-rise elevators Schindler 7000**  
Schindler Miconic 10, Schindler ID  
speed 9 m/s, load 1600 kg, travel 284 m

**6 high-rise elevators Schindler 7000**  
Schindler Miconic 10, Schindler ID  
speed 7 m/s, load 1600 kg, travel 245 m

**6 high-rise elevators Schindler 7000**  
Schindler Miconic 10, Schindler ID  
speed 6 m/s, load 1600 kg, travel 200 m

**8 mid-rise elevators Schindler 7000**  
Schindler Miconic 10, Schindler ID  
speed 6 m/s, load 1600 kg, travel 163 m

**8 low-rise elevators Schindler 7000**  
Schindler Miconic 10, Schindler ID  
speed 5 m/s, load 1600 kg, travel 109 m

#### Service elevators:

**3 service elevators Schindler 7000**  
speed 5 m/s, load 1600-4000 kg,  
travel 219-307 m

### Tower 3, height: 383 m

#### Passenger elevators Tower 3 (left):

**7 high-rise elevators Schindler 7000**  
Schindler Miconic 10, Schindler ID  
speed 9 m/s, load 1600 kg, travel 326 m

**6 high-rise elevators Schindler 7000**  
Schindler Miconic 10, Schindler ID  
speed 8 m/s, load 1600 kg, travel 276 m

**8 high-rise elevators Schindler 7000**  
Schindler Miconic 10, Schindler ID  
speed 7 m/s, load 1600 kg, travel 239 m

**8 mid-rise elevators Schindler 7000**  
Schindler Miconic 10, Schindler ID  
speed 6 m/s, load 1600 kg, travel 194 m

**7 mid-rise elevators Schindler 7000**  
Schindler Miconic 10, Schindler ID  
speed 5 m/s, load 1600 kg, travel 148 m

**8 low-rise elevators Schindler 7000**  
speed 3.5 m/s, load 1600 kg, travel 54 m

#### Service elevators:

**4 service elevators Schindler 7000**  
speed 5 m/s, load 1800-4000 kg,  
travel 300-364 m

## Ping An Finance Center, Shenzhen, China

Office building – height: 660m



### Elevators

33 Schindler 7000  
double-deck elevators  
PORT technology.

## International Commerce Centre, Hong Kong – China

Office building & hotel – height: 484 m



**40 double-deck elevators**  
**Schindler 7000 / PORT system**  
speed range 3.5 – 9m/s,  
travel range 82 – 395 m

**12 single-deck elevators**  
**Schindler 7000 / PORT system**  
speed range 2.5 - 9 m/s  
travel range 41 - 314 m

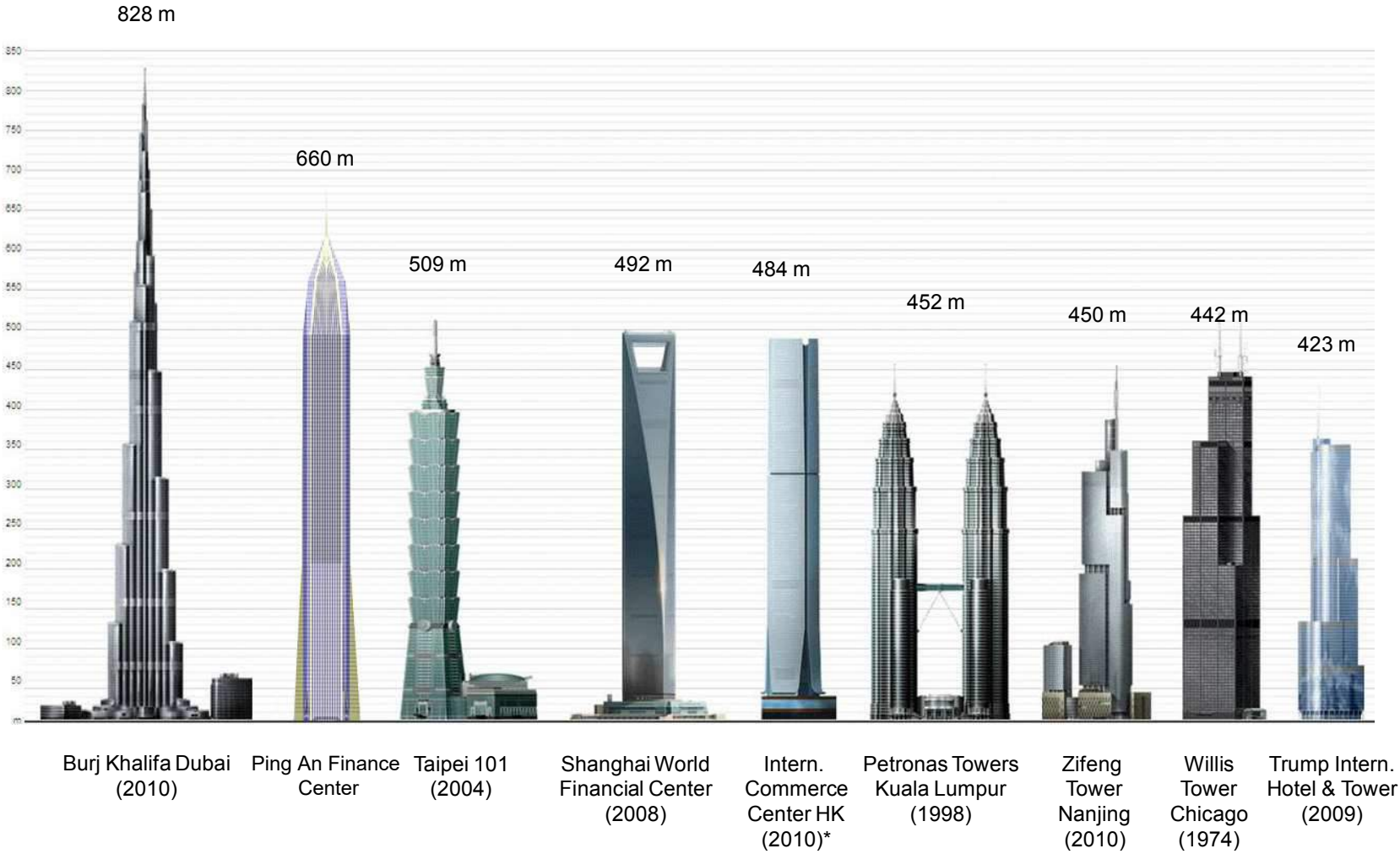
**2 VIP elevators single deck**  
**Schindler 7000 / PORT system**  
speed 7.0 m/s  
travel 406 m

**3 Fire fighting single-deck**  
**Schindler 7000**  
speed 9 m/s, travel 415 - 475 m

**2 service elevators**  
**Schindler 7000**  
speed range 4 - 5 m/s,  
travel 403 - 415m

**22 customized elevators**  
**38 Schindler escalators**

# Ping An Finance Center Schindler 7000



\* Building with Schindler Installations

# Solar Impulse

## Technology for clean mobility



### The common goal

- Technology pioneer for clean mobility.
- Sharing the same values:
  - Quality
  - Visionary
  - Innovative

### Schindler engineers embedded in the project

- Sharing of knowledge and experience.
- Network of technicians.
- Gaining new technical know-how :
  - Energy / battery
  - Composite material
  - Solar energy
  - Sensor technology
  - Energy-efficient drives
  - Methods of simulation
  - Cooperation with technology leaders





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