

thyssenkrupp Bangladesh Contract Signing & Presentation

In association with

Horizon Techno Ltd.

engineering.tomorrow.together.



thyssenkrupp

We, Horizon Techno Ltd. has been entrusted business in the field of Lift & Escalator since 2005. So far we have supplied, Installed and have been providing after sales service of around 400 lift and escalator at all key organizations like Bangladesh Army, Navy and Air-force, PWD, Banks & leading private organizations in Bangladesh.

We are the only company who provides out door type escalator for foot over bridge in Bangladesh

Horizon Techno Ltd

Corporate Office:-

House # 415 (3rd Floor), Road# 30, New DOHS, Mohakhali, Dhaka-1206, Bangladesh.

Technical Office

House # 416 (Ground Floor), Road# 30, New DOHS, Mohakhali, Dhaka.-1206, Bangladesh.

Branch Office:

- ❖ Maa Tower, Highway Society, 4th Floor, 24 MM Ali Road, Lalkhan Bazar, Chittagong.
- ❖ 245, FR Khan Bhaban, Uposhahar, Rajshahi.



HORIZON TECHNO LTD.

Reliability & Safety guaranteed and proven in our service

About Chairman & CEO

Md. Shahid Ullah is the Chairman & CEO of HORIZON TECHNO LTD. He is also one of the pioneers and has more than 33 years of experience in the elevator and escalator sector.

He has started his career on elevator and escalator in the year of 1984 with Haushahn Lift and O&K escalator Germany under Creative Engineers Ltd. Later on, Schindler bought the company Haushahn in the year of 1999 and he continued with them until 2008. During that period he has achieved selling around thousand of lifts and escalators in this country with his team.

He started his business in this sector through his own organization, Horizon Techno Limited in the year of 2008, although the company has been established in the year of 2005 by others. His focus is all about customers' safety and service, ensuring best technology and the best quality one could ever think of.



Contract Signing Between

thyssenkrupp Elevator
(Bangladesh) Pvt. Ltd.



Horizon Techno Ltd.



Distributor Agreement Signing





thyssenkrupp - We are a diversified industrial group.

We are a community of more than 150,000 colleagues on all continents. Openness, transparency, mutual respect and commitment – these important values form the basis for the way we work together, our relationships with our customers, and our business success.

engineering.tomorrow.together.



Sales

€43 billion

Employees

155.000

Countries

80

Experience more than

200 years



Our history



1865

Our beginnings, with the foundation of our predecessor companies in Hamburg and Stuttgart, Germany



1970

Beginning of thyssenkrupp's elevator and escalator business



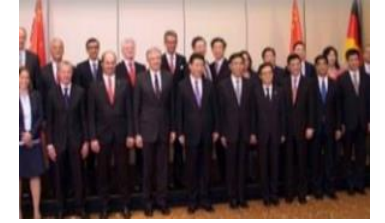
1987

Start of the thyssenkrupp home solutions business.



1995

Thyssen Elevators & Escalators entered Asian market



1999

Official registration of thyssenkrupp AG upon merger of Thyssen and Krupp



Our group structure: Business Areas



Components
Technology

(6.8 bnEUR)



Industrial
Solutions

(5.7 bnEUR)



Elevator
Technology

(7.5 bnEUR)

50,000 employees

900 locations



Steel

(10.1 bnEUR)

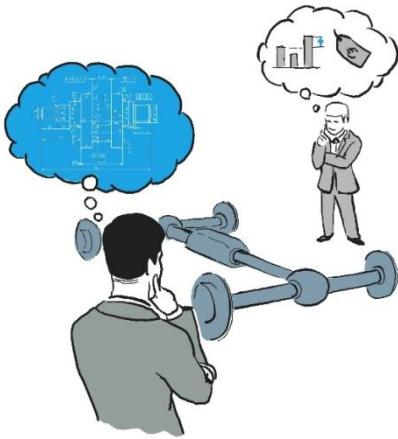


Material
Services

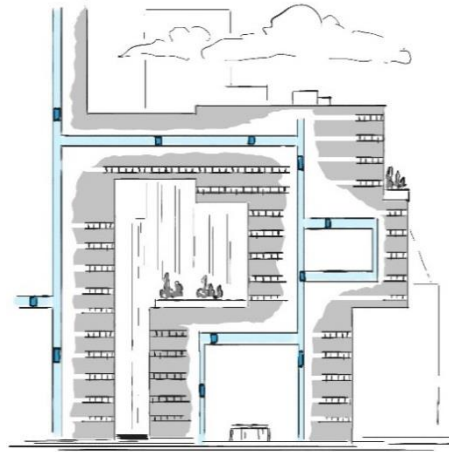
(11.8 bnEUR)



engineering. tomorrow. together.



- Engineering is the basis of everything we do
- Engineering should be a part of every employee's job understanding



- We deliver tomorrow's performance today
- We master tomorrow's challenges with fewer resources



- We work together as partners internally and with our customers
- We are convinced that working together always leads to the best results

Let's have a look

at our Business Area:

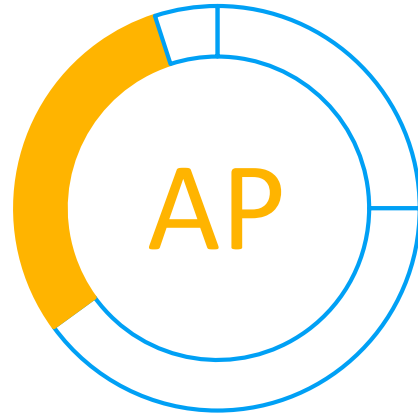
Elevator Technology



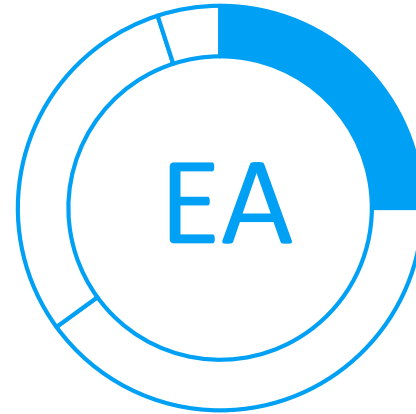
4 Business Units



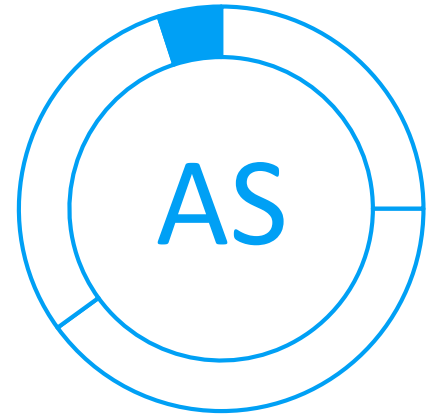
Americas
(40% sales)



Asia Pacific
(30% sales)



Europe
Africa
(25% sales)



Access
Solutions
(5% sales)

*2015/16



thyssenkrupp Elevator stands for:

1 Efficient & convenient mobility in cities



2 Creating values and strengthening customer confidence



3 Leading technologies

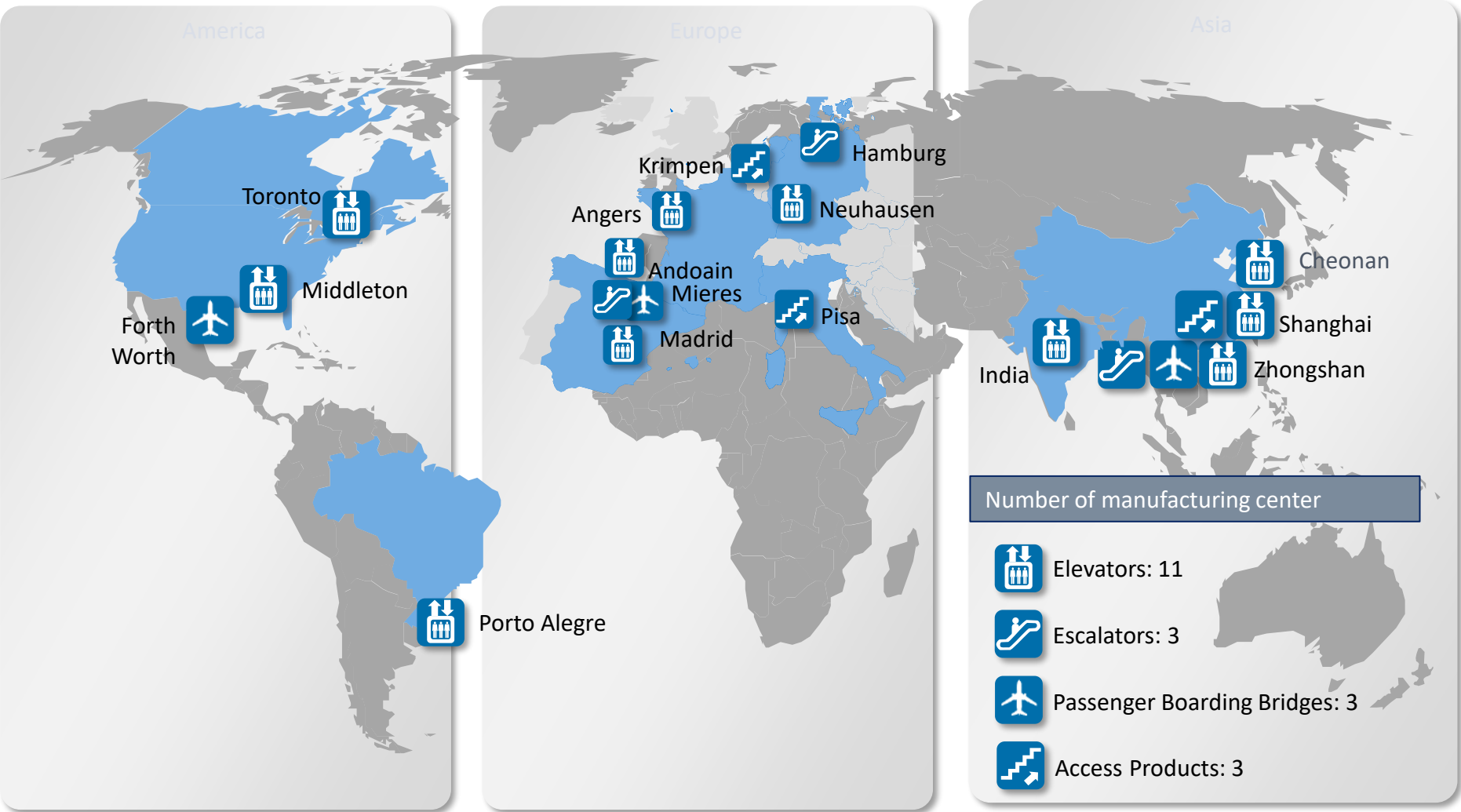


5 Solutions and services that are reliable, flexible and secure

4 Our dedicated employees



Worldwide Manufacturing - 20 facilities



thyssenkrupp Aufzugswerke (German)



- The only elevator factory in Germany, the largest elevator factory in Europe.
- High in-company know-how for development, engineering and production of elevator systems and components.
- Leader in innovation, technology and quality.
- Solutions provider

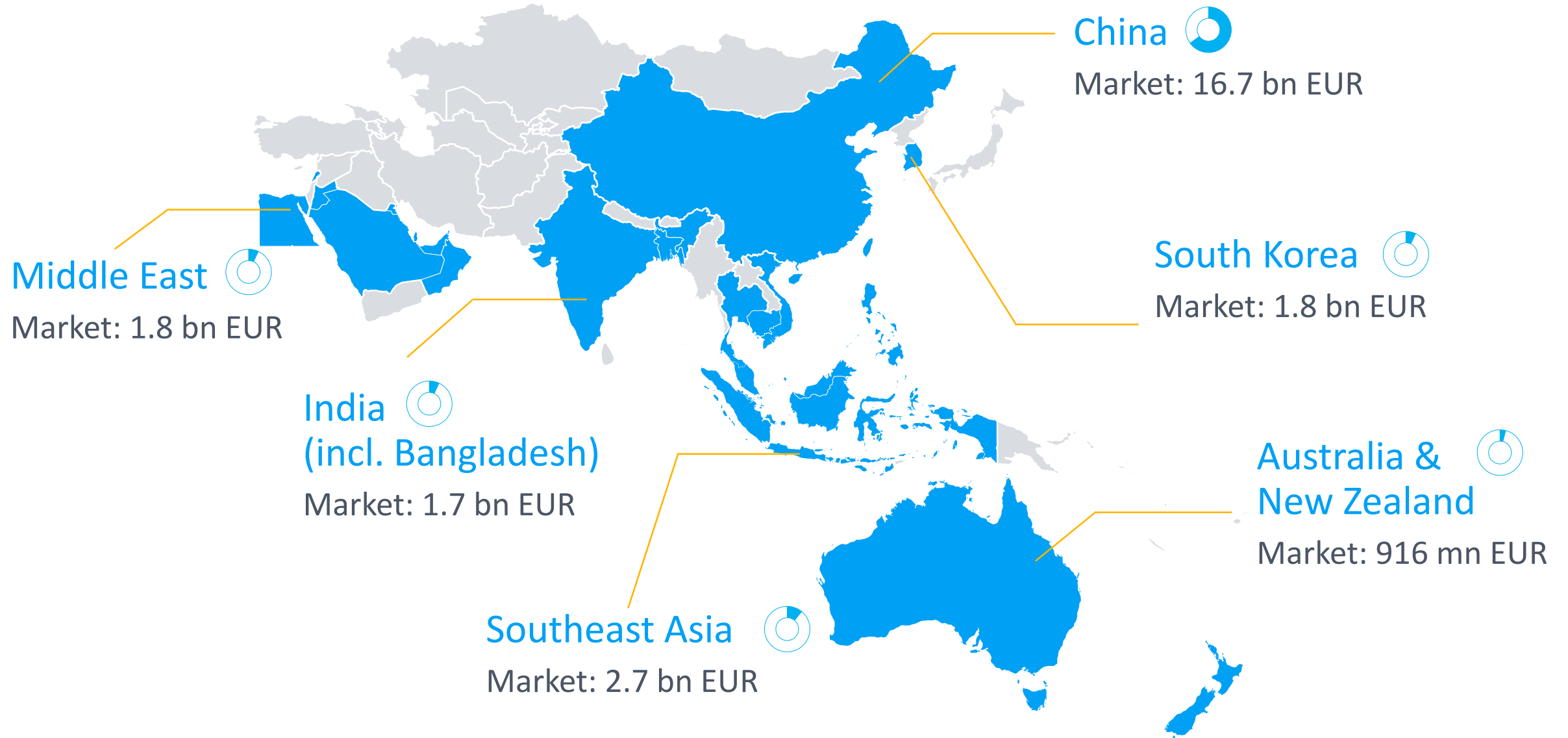


thyssenkrupp Elevator Technology

in Asia Pacific



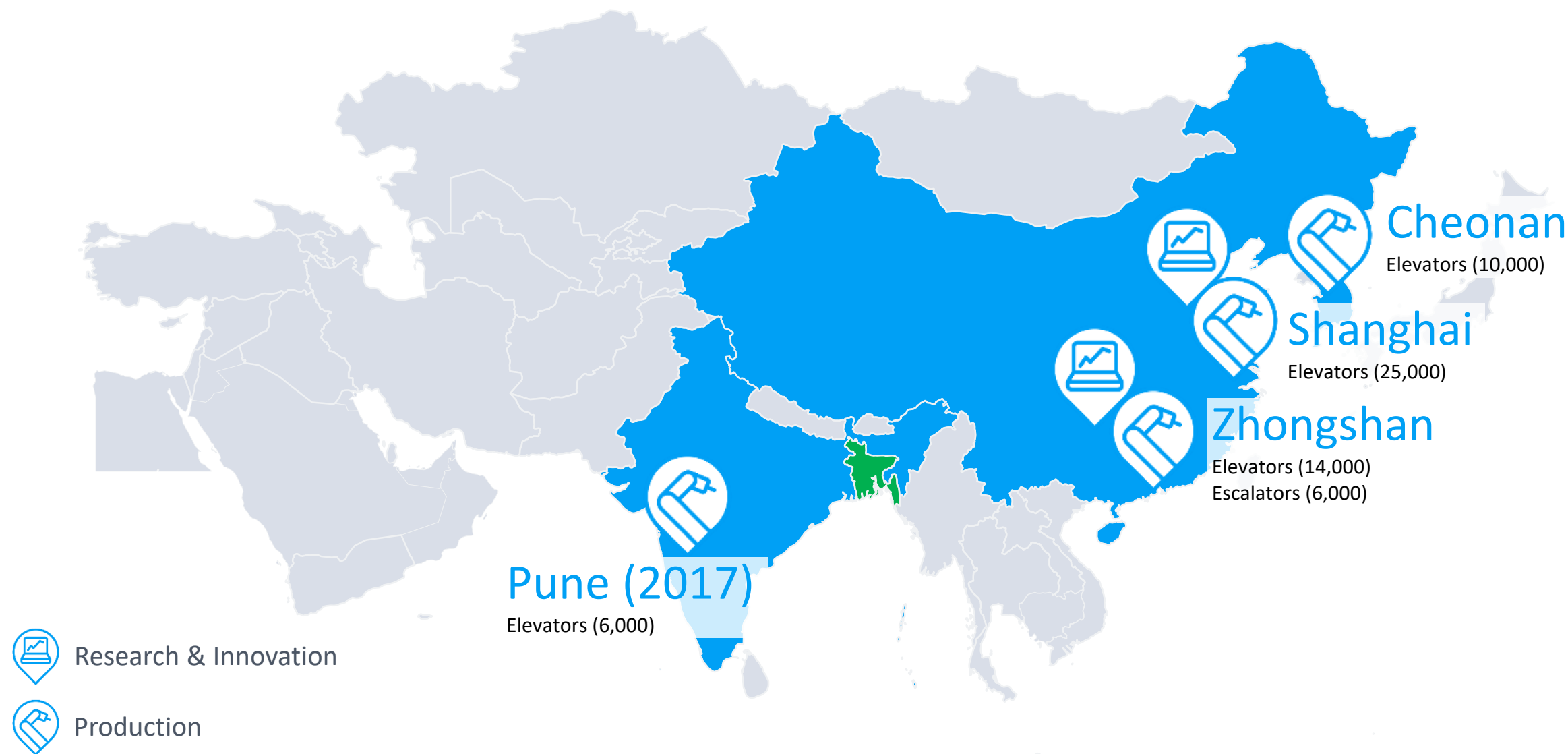
This is AP – these are our Operating Units



Source: MQ year 2015/2016 – Graph: Importance of the market in total AP



Our production and R&D sites in AP



thyssenkrupp Elevator (Korea) - Cheonan Plant



The only manufacturing plant operated by a multinational elevator company in Korea

World-class large scale plant

Land area / total floor area

127,511m² / 36,289m²

Production capacity

12,000 units per year

Employees

240

Major production

High-rise gearless elevator, Middle-low speed gearless/geared elevator, Machine roomless elevator, Controller, Inverter, Hall/Car door, Car panel, Ceiling, Painting line



thyssenkrupp Elevator (Korea) - Test Tower



- 157m high test tower
- permits the test of 8 elevators at the same time.
- Succeeded in the test of 10m/s ultra high speed double deck elevator of TKE German for SWFC in Shanghai.



Manufacturing Facilities in China



Songjiang Plant: Shanghai, Area: 38,707 m², Capacity: 25,000 units, Staff: 941



Zhongshan Elevator Plant: Area: 36,300 m², Capacity: 14,000 units, Staff: 842



Manufacturing Facilities in China



Zhongshan Escalator Plant, Area:145,000m², Capacity: 4,000 units,
Staff: 783



Shanghai, Home, Chair & Platform Lifts, Staff: 51



Manufacturing Facility – MPF India (Chakan-Pune)



- Located in Chakan, Pune (Maharashtra)
- Land area 84,000 m²
- Build up area around 39,473 m²
 - Office, utility, security & others 7,781 m²
 - Factory/Office/Warehouse 31,692 m²
- Installed Machine capacity 3,000 units.
- Capacity: 6,000 units/year (Infrastructure)
- Future expansion up to 10,000 units/year
- Approved Budget: EUR 43.9 m.
- Expected commercial production by April 2017.



FACTORY SHOP FLOOR



thyssenkrupp Operations in Bangladesh



New Construction



Service



Modernisation

Our product range



14
1
2

5

Our product range



Escalators

Velino
Velino classic
Tugela
Victoria



Elevators

Machineroom
Machineroom-less
Special applications
Home elevators



Moving walks

Orinoco
iWalk



Passenger
boarding
bridges

Product

thyssenkrupp Elevator (Korea) product portfolio



Model	synergy	Evolution1	GL1	EleXess	EleJet	TWIN	Velino Tugela Orinocco
	Machine Roomless	Machine Roomless	Middle & Low speed Gearless	Geared	High speed Gearless	Innovative Product	Escalator and Moving walk
Specification	Max.1000 kg Max 1.00m/s Range: 30m	Max.1150kg Max.2m/s Range:110m	Max.1600kg Max.2.5m/s Range:110m	Max.2000kg Max.2.0m/s Range:100m	Max.2000kg Max.8m/s Range:300m	Max.1800kg Max.7m/s Range:250m	600/800/1000, Orinocco 1400 mm (Germany) Max. 14m



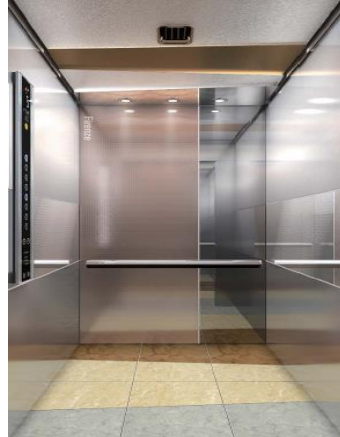
Low/Mid Rise Solution of tkE Korea

- Paradigm Change: Premium Economic
- Four packages design recommended by professional designer with Competitiveness Price

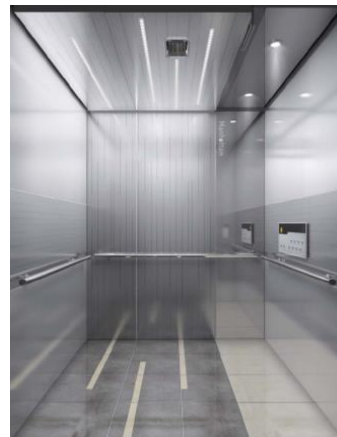
Milano
<Common>



Firenze
<Residential>



Manhattan
<Commercial>



Bellagio
<Deluxe/Hotel>



LED Light



Air Cleaner



Full Color LCD Display



Aerodynamic slim-type LOP / Indicator



Standard
feature

V-Cutting Applied



Advanced Technology for High Rise: Smart COP

CPI



Touch LCD(7")



Ten key Button

NFC Tagging

■ Outstanding Function

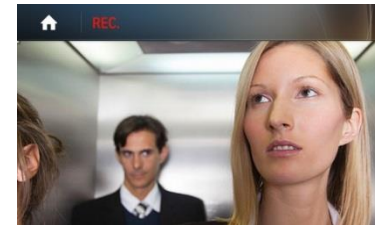
✓ Touch Type and the best choice for High Rise: 10key way

✓ Highlight security function

Access control for certain Floor
(Pattern or input password)

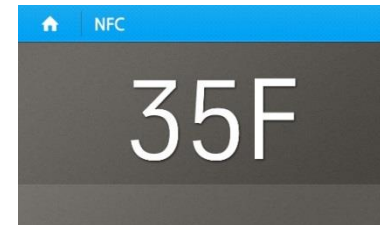
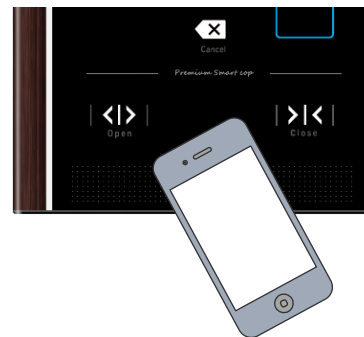


Black box



✓ User friendly interface

Register Floor thru NFC in Mobile or Card Key



DSC System

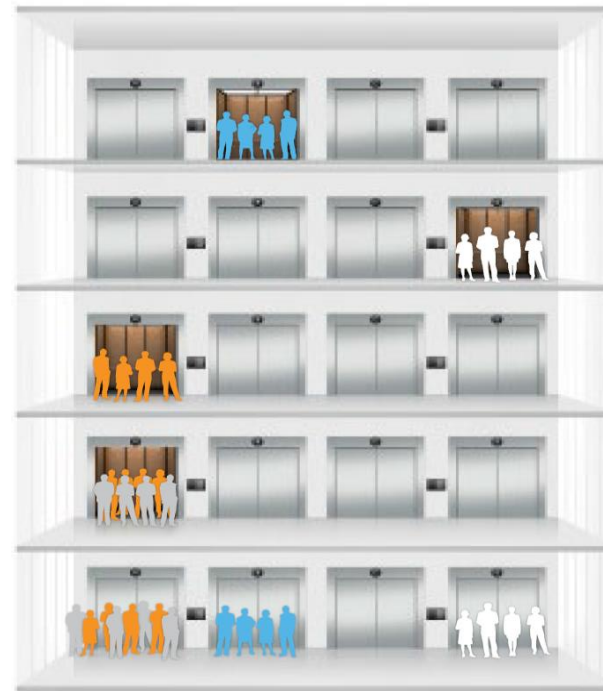
Traditional Group Control



16 Passengers
15 Stops

With traditional ETA dispatching, 16 passengers huddle in the lobby and get on any elevator that is available regardless of destination, resulting in 15 different stops.

DSC System



16 Passengers
4 Stops

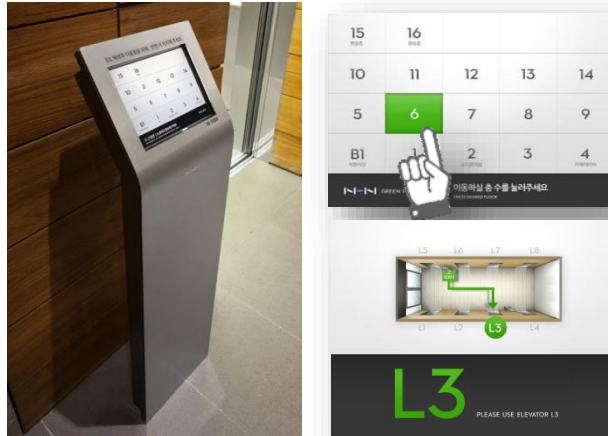
With Destination Dispatch, 16 passengers are directed to the elevator that most efficiently takes them to their destination, resulting in only 4 stops.



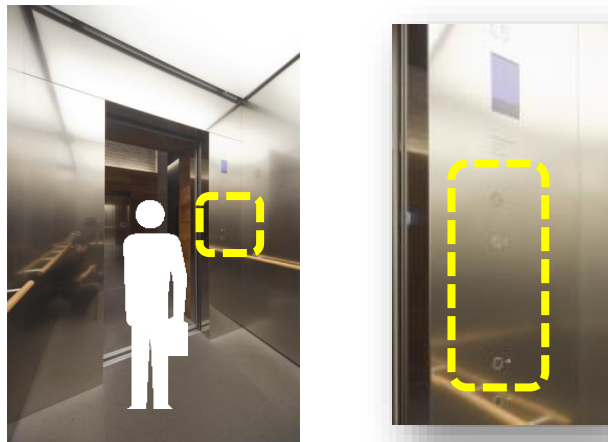
DSC System - Operation



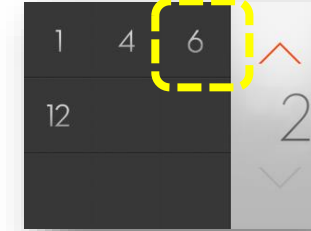
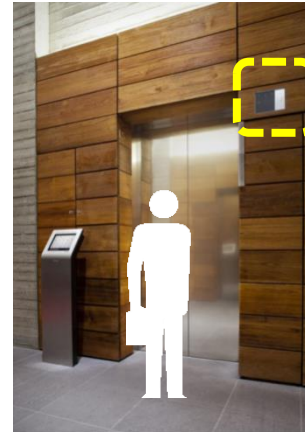
① Registration



③ Arrival



② Waiting



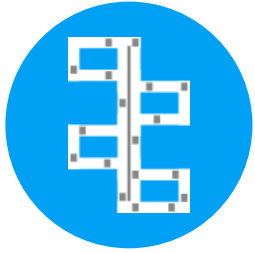
① With DSC Kiosk, each passenger is allocated to the most efficient elevator.

② LCD indicator will show registered destination floor.

③ Passenger can get to the destination. COP buttons are not necessary.



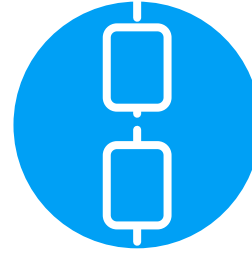
We also develop innovative products



MULTI

The world's first rope-free elevator

- Multiple cabins in one shaft.
- No more building height and shape design constraints
- Smaller footprint, much greater capacity



TWIN

2 cabs, 1 shaft, 0 crowds

- Two independent cabin in one shaft
- Optimizes passenger flow and increases handling capacity while maximizing floor space



ACCEL

Shortening connecting times at airports and metros

- High speed (up to 2 m/s – 7.2 km/h)
- High capacity (up to 7,300 passengers/hour)





TWIN elevator

2 cabins, 1 shaft, 0 crowd

For high-rise buildings

30% Up to 30% shaft space saving

50% Up to 50% increase in **carrying** capacity

50% Saves up to 50% energy consumption
Reduce 50% **power load**



MULTI

World's first rope-less elevator system

For tomorrow's buildings

Increase carrying capacity by up to 50%

Save shaft area of a building by up to 50%

Increase usable space by up to 25%



Our Service

thyssenkrupp service - What exactly is the service business about ?

....keep people moving vertically and horizontally in cities

WE

Deliver this..

- Regular maintenance
- Break down services
- Annual inspections
- Annual testing
- Repairs and upgrades
- Audits
- Consultations

25 countries

50,000 jobsites

200,000 units

8,000 employees

6 million service reports per year

WE

Strive to be..

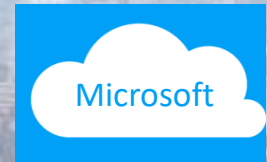
The most customer centric service provider in Asia Pacific





MAX

The service game changer



Collects and sends real-time data from connected elevators to the TKE intelligent cloud

- Preventive and predictive maintenance
- Reduce the out-of-service time
- Make service visits more timely

we care : Focus on health & safety

The infographic features a light gray world map as a background. Scattered across the map are several cartoon characters of diverse ethnicities, all wearing yellow safety suits and white hard hats. Most of these characters are holding small orange cards that say "WE Check". One larger cartoon character, positioned in the upper right over North America, is also in a yellow suit and hard hat but is holding a larger orange card that says "WE Care".

Four blue circular callouts are placed around the map, each containing white text:

- we care in almost 70 countries** (top left)
- we connect in 30 languages** (bottom left)
- Thousands of activities worldwide** (bottom center)
- Contractors successfully partnering** (top right)

At the bottom of the infographic is a horizontal strip of eight small photographs showing various groups of people in professional and industrial settings. From left to right, the photos depict:

- A group of people in an office setting.
- Three men in business suits standing together.
- A group of people holding a blue banner that reads "SAFETY FIRST" and "TK PRESTA CAMSHAFTS".
- A group of people in a meeting room.
- A group of people in a factory or industrial environment.
- A group of people in a meeting room.
- A group of people in a meeting room.
- A group of people in a factory or industrial environment.



Safety Culture

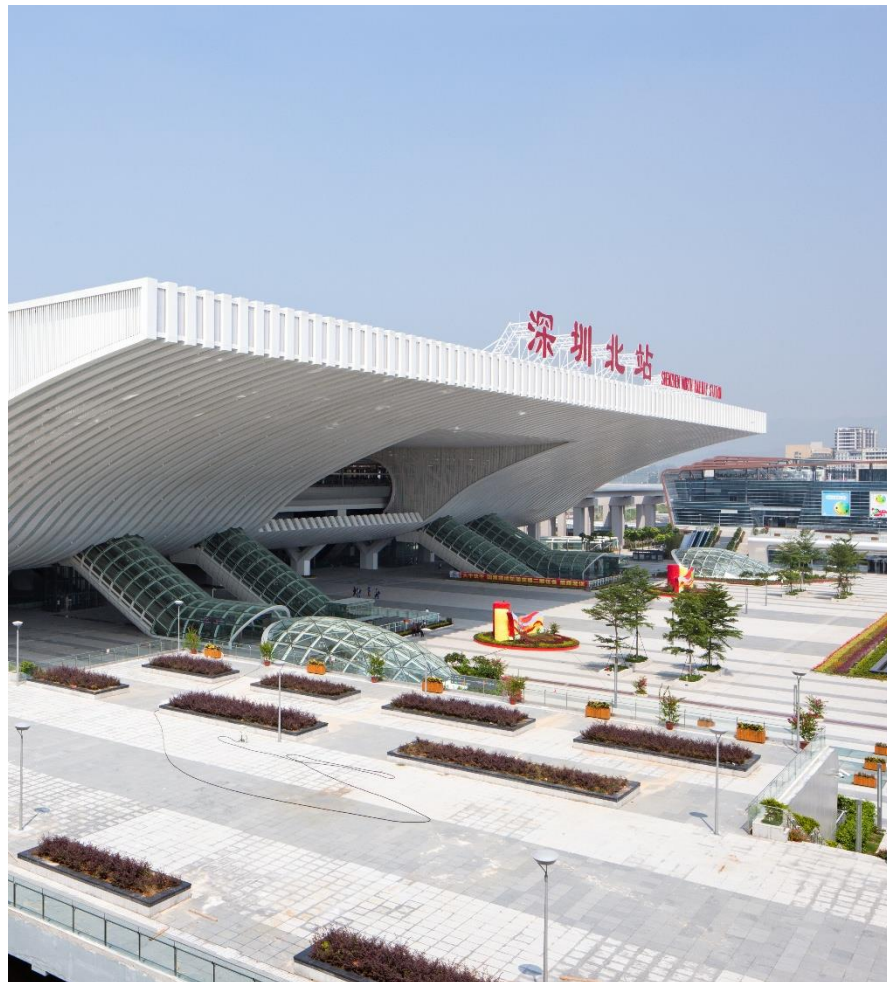
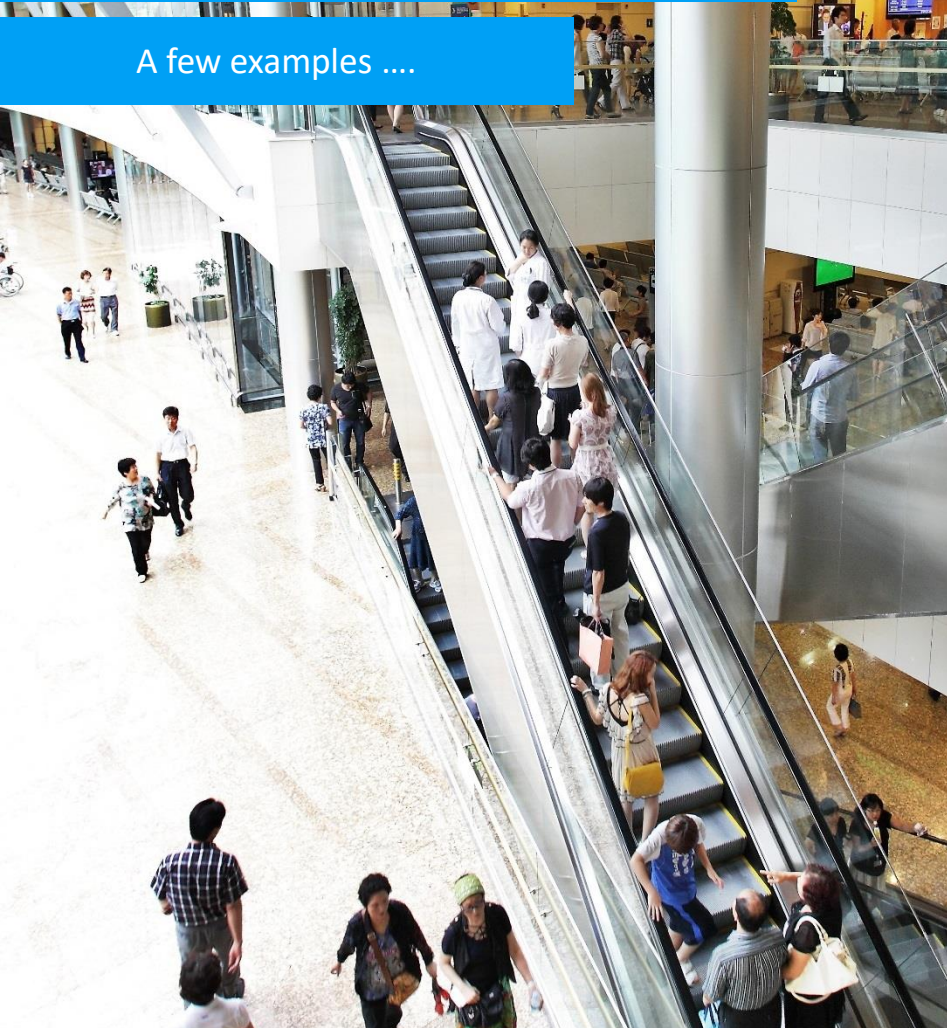
Because we care...

1. Passenger and employee safety is our priority
2. Dedicated workforce to implement and monitor safety practices and process
3. Conducting regular safety inspections by GM'S , Installation ,Service team members
4. Providing adequate trainings on first aid and defensive driving to create safe work environment

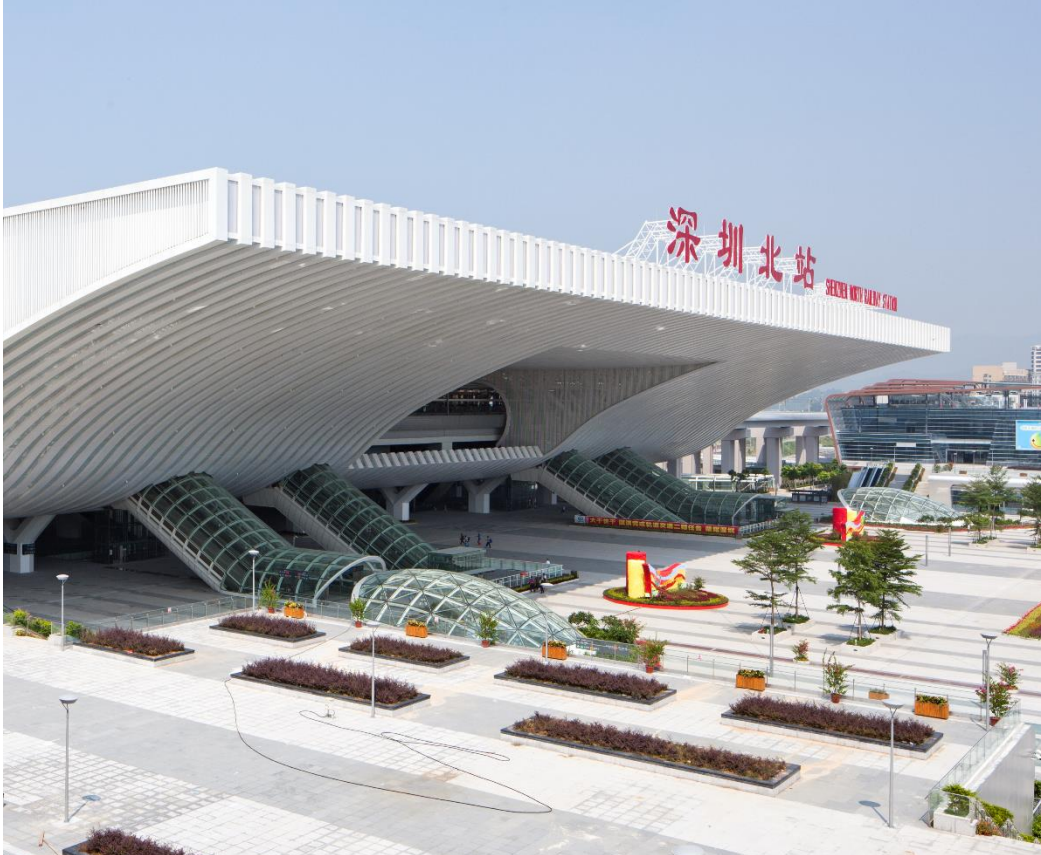


We have great references
in all segments.

A few examples



Infrastructure/Transport



Shenzhen North Railway Station, China

72 escalators



Dubai International Airport

406 Elevators, 169 escalators, 108 Moving walks

Commercial



Samsungdong COEX Trade Tower, South Korea
24 escalators



Shanghai World Financial Center, China
42 elevators (incl. hi-speed double decks)

Commercial



Bangladesh References



Prestigious Reference Projects in Bangladesh

Bangladesh National Parliament House

Dhaka, Bangladesh

- Floors : 9- Stop, 9- Opening
- Capacity: 1000~1600KG
- Passenger Elevator : 19 unit (speed 1.75m/sec)
- Geared model



Aziz Court

Chittagong

- Floors : 29-Stop, 29-Opening - (3 lifts)
- 1600KG
- Passenger Elevator : 3 units (speed 3.5m/sec)



Sheraton Hotel

Dhaka, Bangladesh

- Floors : 31- Stop, 31- Opening
- Capacity: 1000~1600KG
- High Speed Passenger Elevator : 9 unit (speed 3.5m/sec)
- Luxury Car (L-Series: 2)



Prestigious Reference Projects in Bangladesh

The Pearl Trade Centre, Dhaka Dhaka, Bangladesh

- Floors : 23-Stop, 23- Opening
- 1300KG
- Passenger Elevator : 5 units (speed 2.5m/sec)
- Gearless model



Tropical Homes Banglamotor, Dhaka

- Floors : 20-Stop, 20-Opening
- 600KG and 450KG
- Geared elevator : 3 units (speed 1.75m/sec)



Giant Tower Banglamotor, Dhaka

- Floors : 15-Stop, 15-Opening
- 1350KG and 1600KG
- MRL elevator : 4 units (speed 1.75m/sec)



Shahjalal Islami Bank Ltd Gulshan, Dhaka

- Floors : 20-Stop, 20-Opening
- 600KG and 450KG
- Geared elevator : 3 units (speed 1.75m/sec)





thyssenkrupp Elevator together with you to create a
better future



thyssenkrupp

Thank You

Horizon Techno Ltd