

thyssenkrupp transforms passenger experience in Barcelona's metro stations

- Innovative entrances to new Barcelona metro stations with intelligent elevators and escalators coordinated with the arrival and departure of trains.
- Each year over 30 million passengers will benefit from 180 new mobility units in the stations.

On February 12, on the eve of the Mobile World Congress, Barcelona Metro is inaugurating 15 stations with the commissioning of Barcelona Metro Line 9 linking Zona Universitaria Station with Terminal 1 at El Prat Airport.

thyssenkrupp was selected by Infraestructures de la Generalitat de Catalunya to provide and install intelligent vertical and horizontal transportation equipment for the new metro stations, contributing to make the new line one of the most efficient in the world, addressing the mobility of passengers inside the stations with the same care as between stations.

The Barcelona metro line will be one of the longest underground lines in Europe. With a length of 47.8 kilometers with 52 stations, Line 9 lines up with Moscow Metro's Arbatsko-Pokrovskaya Line 3 (44.3 km), Madrid Metro's Line 12 (41 km) and London Underground's Northern Line (57.6 km).

The 128 escalators and 52 elevators installed in the 15 new stations complement the over 600 escalators and elevators already installed on Line 9. thyssenkrupp will also be responsible for the service of the new units. All elevators and escalators feature an intelligent, machine learning control system enabling real time information on any situation of the stations. This control system learns in accordance with rush hours, arrival of the trains and the number of passengers in order to optimise the movement of elevators. It therefore contributes to increased service quality and reduced energy consumption.

thyssenkrupp supports cities around the world with innovative solutions meeting the requirements of urbanization, making them the best ever places to live. "We want to jointly address the challenges of urbanization with our customers," says Dr. Oliver Tietze, head of the elevator business in Europe and Africa. "It is essential to find new solutions for inner-city transport which save time and reduce the consumption of energy and environmental resources."

“We are proud to have contributed to this important project,” says Jorge Estévez, CEO of thyssenkrupp Elevator in Spain, “by providing cutting-edge technology for the entrances to this line, which at some points circulates at a depth of 90 meters.”

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Line 9 connects the airport with the eastern areas of the city, and also has stations close to various public services such as the university, hospitals, tourist attractions, Camp Nou Stadium and the Fira de Barcelona trade show facilities in l'Hospitalet. The new stations are prepared to take on large influxes of people, with close to 30 million passengers estimated to travel annually along this route. In addition, these innovative entrances have been adapted for people with reduced mobility thanks to modern escalators and cutting-edge elevators designed by thyssenkrupp.

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thyssenkrupp Elevator

thyssenkrupp Elevator brings together the Group's global activities in passenger transportation systems. With sales of 7.2 billion euros in fiscal 2014/2015 and customers in 150 countries, thyssenkrupp Elevator built its position as one of the world's leading elevator companies from scratch in a mere 40 years' time applying thyssenkrupp unique engineering capabilities. With more than 50,000 highly skilled employees, the company offers smart and innovative products and services designed to meet customers' individual requirements. The portfolio includes passenger and freight elevators, escalators and moving walks, passenger boarding bridges, stair and platform lifts as well as tailored service solutions for all products. Over 900 locations around the world provide an extensive sales and service network to guarantee closeness to customers.

thyssenkrupp

thyssenkrupp is a diversified industrial group with traditional strengths in materials and a growing share of capital goods and services businesses. Around 155,000 employees in nearly 80 countries work with passion and technological expertise to develop high-quality products and intelligent industrial processes and services for sustainable progress. Their skills and commitment are the basis of our success. In fiscal year 2014/2015 thyssenkrupp generated sales of around €43 billion.

Together with our customers we develop competitive solutions for the challenges of the future in the areas Mechanical, Plant and Materials. With our engineering expertise we enable our customers to gain an edge in the global market and manufacture innovative products in a cost- and resource-friendly way. For us, technical progress and innovations, allied with the combined strength of the Group, are key factors enabling us to meet current and future customer and market requirements around the world, grow on the markets of the future, and generate strong and stable earnings, cash flows and value growth.

Contact:

thyssenkrupp Elevator AG

Michael Ridder

Head of Media Relations

T: +49 201 844 - 563054

michael.ridder@thyssenkrupp.com

www.thyssenkrupp-elevator.com

www.urban-hub.com

Company blog:

www.engineered.thyssenkrupp.com