

Dedicated to People Flow™



CASE: THE DELHI METRO

Smooth people flow. Efficient maintenance.

New Delhi is one of the fastest growing urban areas in the world. By 2015 its population is expected to exceed 20 million. The construction of the Delhi Metro started in 1988 and phase II is estimated to be completed in 2010. KONE was chosen to deliver escalators for Line 2 in phase I and all the elevators in phase I and II.

Challenge

Delhi Metro Rail Corporation (DMRC) wanted to work with a partner who could deliver to spec – on time and within budget. The project requirements were clearly defined and demanding.

- Existing production capacity in India
- Dedicated project team on call 24/7
- Rapid installation and design flexibility
- Fixed project deadline

Fast facts

Delhi Metro:

Type: Rapid transit
Started operating: Dec 2002
Operating hours: 06–23
Lines: 3
Track length: 40.4 miles (phase I)
Stations: 59 (phase I),
79 (phase II)

KONE solution:

Detailed planning.
Equipment: 324 KONE elevators,
71 KONE escalators.
24/7 service.
Preventive maintenance solution.
Centralized monitoring system.



What's behind the Delhi Metro's smoother people flow?



Complete solution

Demanding projects like the Delhi Metro require an experienced partner. For the Delhi Metro, KONE provided a complete solution from detailed planning to a 24/7 maintenance service, including 324 elevators, 71 escalators, a preventive maintenance solution meeting all legal requirements and standards and a centralized monitoring system.

KONE Centralized Monitoring System

In the Delhi Metro, every elevator will be linked to a centralized monitoring system by 2010. The system enables the remote monitoring of elevators and delivers useful real-time data. Centralized monitoring also provides valuable information for analysis and future planning. KONE created unique system software for this project.

Lower cost of ownership

Over 800,000 commuters use the Delhi Metro daily. This number is expected to grow exponentially in the next 10 years, which puts pressure on maintenance. That's why the KONE service solution delivers:

- Comprehensive call center support
- Local availability of spare parts and manpower
- Guaranteed up-time

Fully integrated performance

Delhi Metro system is fully integrated with other modes of public transport. This means that commuters are able to change seamlessly between transport systems. Previously installed KONE equipment is also linked to the centralized monitoring system.

KONE delivers escalators and all the elevators for Line2 in Delhi Metro.

U.S. Operations Center

One KONE Court
Moline, Illinois 61265
1-800-956-KONE (5663)

Canadian Operations Center

80 Horner Avenue
Toronto, Ontario M8Z 4X8
1-416-252-6151

KONE Mexico, S.A. de C.V.

Clavel 227
Colonia Atlampa
Mexico City, D.F. 06450
+52.55.1946.0100

For the latest product information and interactive design tools, visit www.us.kone.com

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