

The Nidec logo is positioned in the top right corner of the page. It features the word "Nidec" in a bold, green, sans-serif font, enclosed within a white rectangular box that has a slight 3D effect with a shadow on its right side. The background of the entire page is a photograph of a modern building's interior, showing a large, curved glass and metal structure with a staircase and an escalator. The lighting is bright, suggesting a large atrium or a well-lit public space.

Nidec

Nidec Elevator Solutions

Elevating Your Vision

**Innovative Vertical Transportation
for a Connected World**



The World's **No. 1** Comprehensive Motor Manufacturer
Focusing on Nidec's Diverse Applications.

Nidec: Powering the World Around You

Nidec's motors and related products are integral to countless applications that impact daily life. From the smartphones in our pockets to the appliances in our homes and the vehicles we drive, Nidec technology is essential to modern living.

Key Application Areas

Consumer Electronics

18%



Motors for smartphones, laptops, and other devices.

Home Appliances

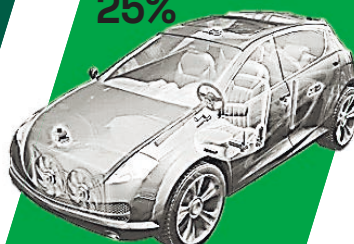
21%



Motors for refrigerators, washing machines, and air conditioners.

Automotive

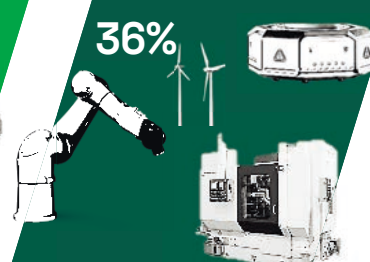
25%



Motors for electric vehicles, power steering, and other automotive systems.

Industrial

36%



Motors for factory automation, robotics, and other industrial equipment.

- R&D
- ◆ Production
- ▲ Sales
- Multipurpose



112K
Employees



330+
Facilities



40+
Countries

As of march 31, 2024



Engineered for Performance Designed for Life

Vertical Mobility Solutions: Elevating Your Vision

Nidec Elevator Group, a core business of Nidec Corporation, delivers innovative and reliable vertical transportation solutions worldwide. We combine decades of engineering expertise with a customer-centric approach to provide exceptional performance, safety, and value.

Key Strengths & Differentiators

Advanced Technology

Leveraging Nidec's world-class motor technology to deliver smooth, efficient, and reliable elevator systems. Our gearless solutions are designed for optimal performance in a wide range of applications.

Customized Solutions

We understand that every project is unique. Nidec Elevator Group offers tailored solutions to meet specific building requirements, aesthetic preferences, and performance goals.

Global Reach, Local Support

With a global network of manufacturing, sales, and service locations, we provide local expertise and support to our customers worldwide.

Modernization Expertise

Nidec Elevator Group offers comprehensive modernization solutions to upgrade existing elevator systems, enhancing performance, safety, and energy efficiency.

Commitment to Safety

Safety is our top priority. Our elevators are designed and manufactured to meet or exceed the highest industry standards.

Key Features to Highlight

Destination Dispatch Systems for
optimized traffic flow

Regenerative Drives for energy savings

Machine Room-Less (MRL) designs
for space efficiency

Keeping People Moving

Our Expertise: Vertical Solutions for Every Need

Tailored Solutions: Meeting the Diverse Needs of Modern Buildings.

Nidec Elevator Group offers a comprehensive range of vertical transportation solutions designed to meet the unique requirements of diverse building types and applications. From high-rise commercial towers to residential complexes and specialized facilities, we have the expertise to deliver exceptional performance, safety, and value.



Residential Buildings

Comfortable and convenient vertical transportation for apartments, condominiums, and multi-family dwellings.

Hotels & Hospitality

Elevators that enhance the guest experience with smooth rides and elegant designs.

Healthcare Facilities

Specialized elevators for hospitals and medical centers, prioritizing patient safety and hygiene.

Transportation Hubs

Reliable and efficient elevators for airports, train stations, and public transportation systems.

Specialty Applications

Custom solutions for unique projects, including observation elevators, scenic elevators, and elevators for industrial facilities.



High-Rise & High-Speed Elevators

Elevating performance in one of the world's tallest buildings with advanced technology and speeds.

Mid-Rise Elevators

Efficient and reliable vertical transportation for commercial and residential buildings.

Low-Rise Elevators

Cost-effective and accessible solutions for low-rise buildings and facilities.

Modernization Solutions

Upgrading existing elevator systems to enhance performance, safety, and energy efficiency.

Commercial Buildings

Elevators designed for office towers, retail spaces, and mixed-use developments.



High-Rise Residential

Transit City Tower



Toronto, Canada

This project consists of 15 elevators.

1600 kg | 7.0 m/s | 165.5 m travel | 54 floors |

Luxury Condo/Retail.

High-speed, ACPM Gearless with Regen Drive.



Balzac II

Monterrey, Mexico

This project consists of 10 elevators.

4 Elevators | 1600-1800 kg | 2.5 m/s | 50 m travel | 86 floors
(max) | Offices/Sky Deck

2 Elevators | 1600 kg | 1.6 m/s | 22 m travel | 7 floors | Parking

3 Elevators | 1275-2000 Kg | 4 m/s | 136 m travel | 27 floors
(max) | Residential

Full DBD system.

High-Rise Residential

Torre Rise



Monterrey, Mexico

This project consists of 32 elevators and 6 escalators.

7 Elevators | 1600 kg | 8 m/s | 385.7 m travel (max) | 86 floors (max) | Offices/Sky Deck

4 Elevators | 1200 kg | 5 m/s | 261 m travel | 58 floors | Residential

7 Elevators | 1600 kg | 4 m/s | 385.7 m travel (max) | 86 floors (max) | Offices/Service/Hotel

The tallest building in Latin America.

The second tallest building in America.

Full DBD system.



Fiori

Monterrey, Mexico

This project consists of 31 elevators.

1000-1250 kg | 2.5 m/s | 120 m travel (max) | 35 floors (max) |

Offices

Exclusive residential area.

High-Rise Residential

Via del Bosque



Guadalajara, Mexico

This project consists of 5 elevators.

4 Elevators | 1350 kg (max) | 4 m/s | 148.1 m travel | 40 floors |
Residential
Full DBD system.



Kirah

Punta Mita, Mexico

This project consists of 34 elevators.

800-1200 kg | 1-1.75 m/s | 34 m travel (max) | 9 floors (max) |
Hotel and Residences.
Exclusive residential area and Hotel located along the Pacific Ocean Coast.

High-Rise Residential

Tulé



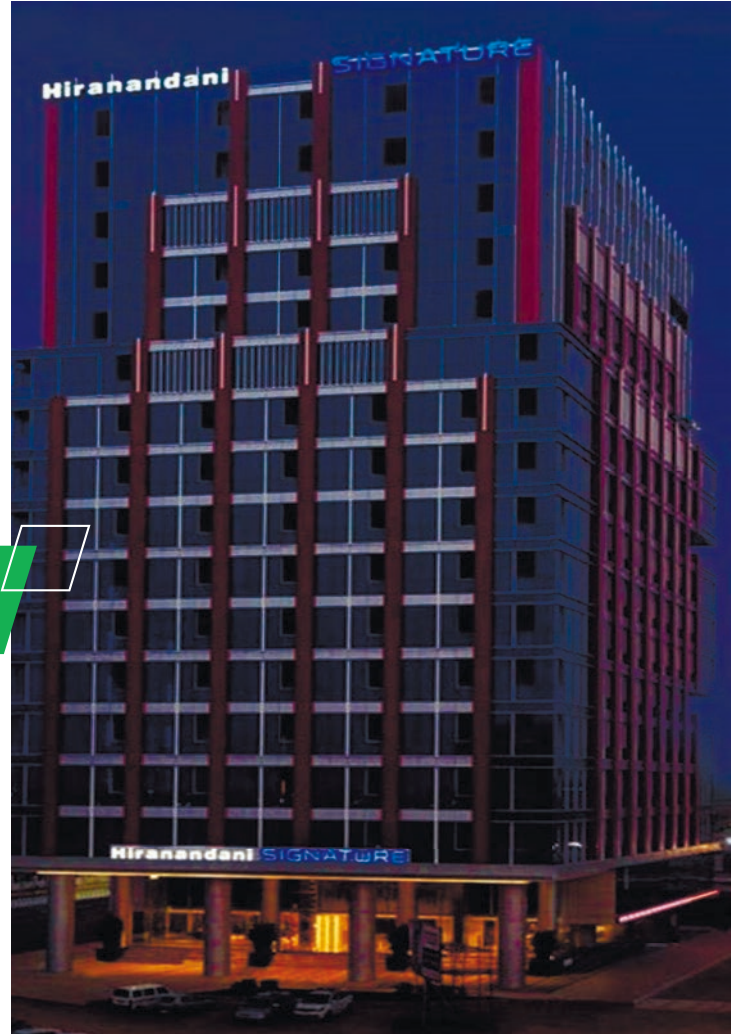
Santa Catarina, Mexico

This project consists of 6 elevators.

1200 kg | 2 m/s (max) | 64.7 m travel (max) | 20 floors |

Residential

One of the first residential developments in a fast-growing area of the city.



Hiranandani Signature Gift City

Ahmadabad, India

884-1360 kg | 2.5 m/s

DBD system

Hiranandani Signature is India's first fully functional 16 storey commercial tower within the International Financial Services Centre (IFSC) at Gujarat International Finance-Tec City (GIFT City).

High-Rise Residential

Runwal Bliss



Mumbai, India

1088-1360 kg | 3.5 m/s

Runwal Bliss, a premium residential township project at Kanjurmarg East

It is a part of the Runwal City Centre township, built on the live, learn, work, play theme.



Runwal Forest

Mumbai, India

1360 kg | 2.0-3.5 m/s MRO

It is a grand residential project
8 towers.

High-Rise Residential

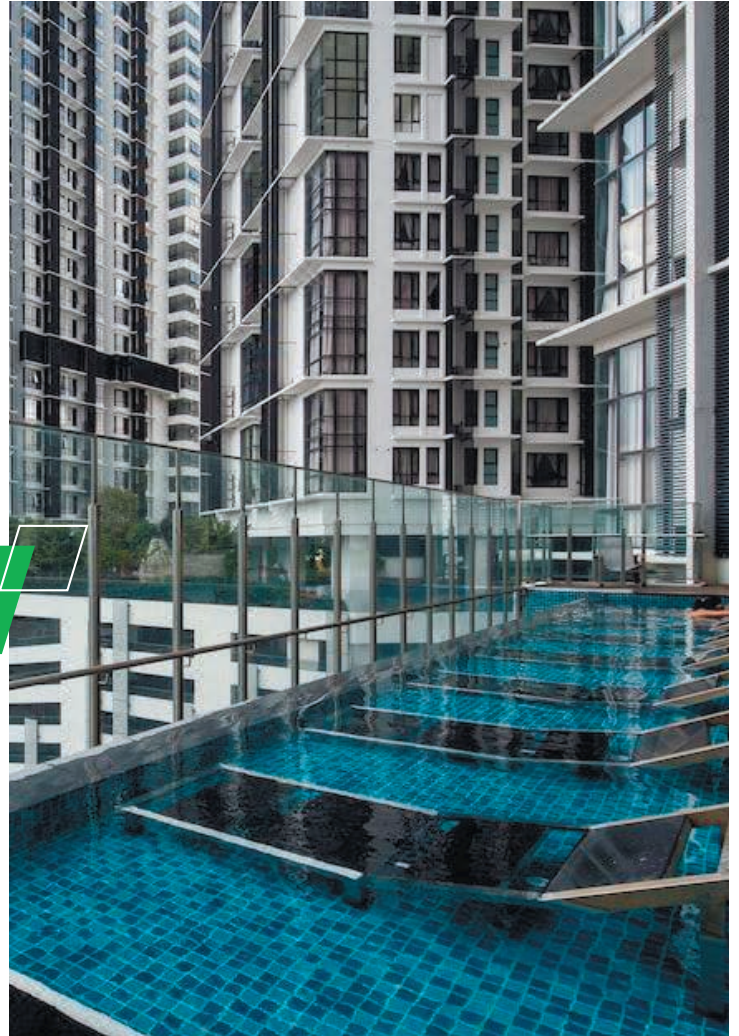
Hiranandani Bayview



Chennai, India

1150 kg | 5.0 m/s

Tallest building in Chennai.



Solstice Cyberjaya

Malaysia

1160 kg | 3.0 m/s

Luxurious complex building ranging with apartments, office , shopping mall, street mall and resort hotel

90 degree doors open with high speed.

High-Rise Residential

Arte MK



Malaysia

1365 kg | 3.0, 4.0 and 5.0 m/s

Commercial serviced apartment situated in the heart of Kuala Lumpur, Malaysia's capital city.



Seventh Cover

Malaysia

1160 kg | 4.0 m/s

Elegantly designed service apartment with unique features.

High-Rise Residential

Arte Plus



Malaysia

1025, 1160, 1365 kg 3.5, 4.0 and 5.0 m/s

Machine Room High Speed Service residential buildings

Commercial Office Towers

875 Avenue of the Americas



NYC, New York

3 elevators | 1150 kg | 3.0 m/s | 87 m travel

3 elevators | 1150 kg | 3.0 m/s | 41 m travel

875 Avenue of the America's is an office building built in 1926. Located on the corner of 31st Street and 6th Avenue in NY City, it has 20996 m² of office space with 4 meters ceilings. Kaufman Investments in partnership with Beacon Capital Partners purchased the building in 2023.



290 Broadway

NYC, New York

2 elevators | 3600 kg | 3.0 m/s | 132 m travel

8 elevators | 2000 kg | 3.5 m/s | 132 m travel

The Ted Weiss Federal Building, also known as the Foley Square Federal Building, is a 34-story United States Federal Building at 290 Broadway in the Civic Center neighborhood of Lower Manhattan in New York City. Opened in 1994.

Commercial Office Towers

MacMillan Building

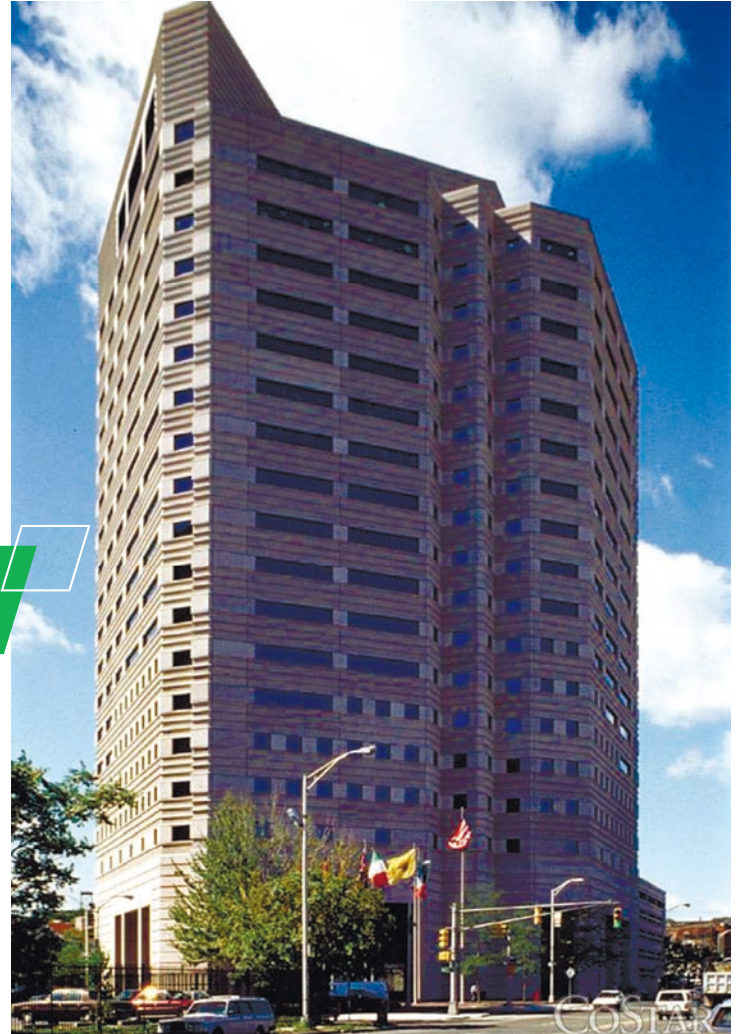


NYC, New York

4 elevators | 1600 kg | 5.0 m/s | 106 m travel

2 elevators | 1600 kg | 3.5 m/s | 60 m travel

Macmillan Publishers moved their headquarters from the Flatiron Building to the Equitable Building at 120 Broadway in 2019.



95 Christopher Columbus

Jersey City, NJ

(5 & 6 Group/11 Cars) iControl DC/SCR Destination Dispatching Controllers

iMonitoring/iReporting Remote Monitoring

Global Turnstile DBD w/Advanced Security Entry Interface

QTS Jersey City Mega Data Center (Serving USA & Europe)

Advanced, Multi-Layered Elevator Security Systems in Play.

Commercial Office Towers

The Post



Vancouver, Canada

This project consists of 40 elevators.

1600 kg | 3.5 m/s | 65 m travel | 21 floors.

Office Space/Retail.

11 cars Bank Full DBD system, High Level Security.

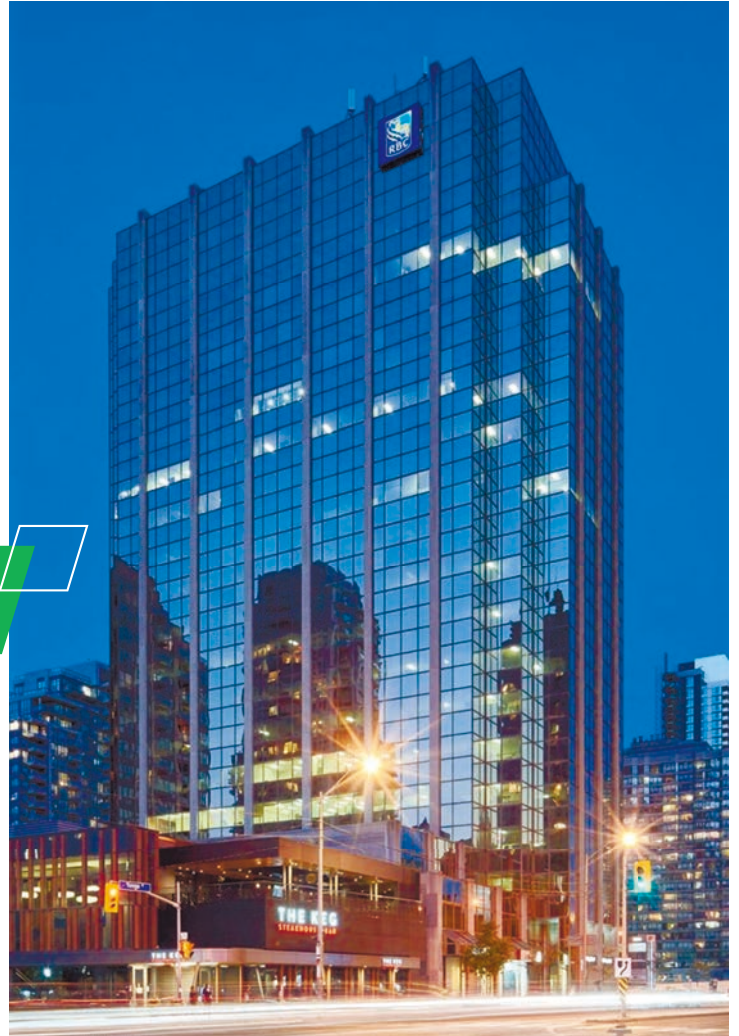
ACPM Gearless with Regen Drive.

Historic Canada Post Building.

Amazon and Loblaws City Market are the main Tenants.

Won Best Office Development in the NAIOP Vancouver

Commercial Real Estate Awards 2024.



5001 Yonge Street Toronto

Toronto, Canada

This project consists of 6 elevators.

1600 kg | 3.5 m/s | 72 m travel | 19 floors |

Offices Space

Landmark Class A Office Tower.

Full Destination Dispatch.

High Level Security.

High Speed Elevator. DC application.

Commercial Office Towers

BH Santa Maria



Santa Catarina, Mexico

This project consists of 11 elevators.

5 Elevators | 1200 kg | 3.5 m/s | 131.6 m travel | 34 floors |

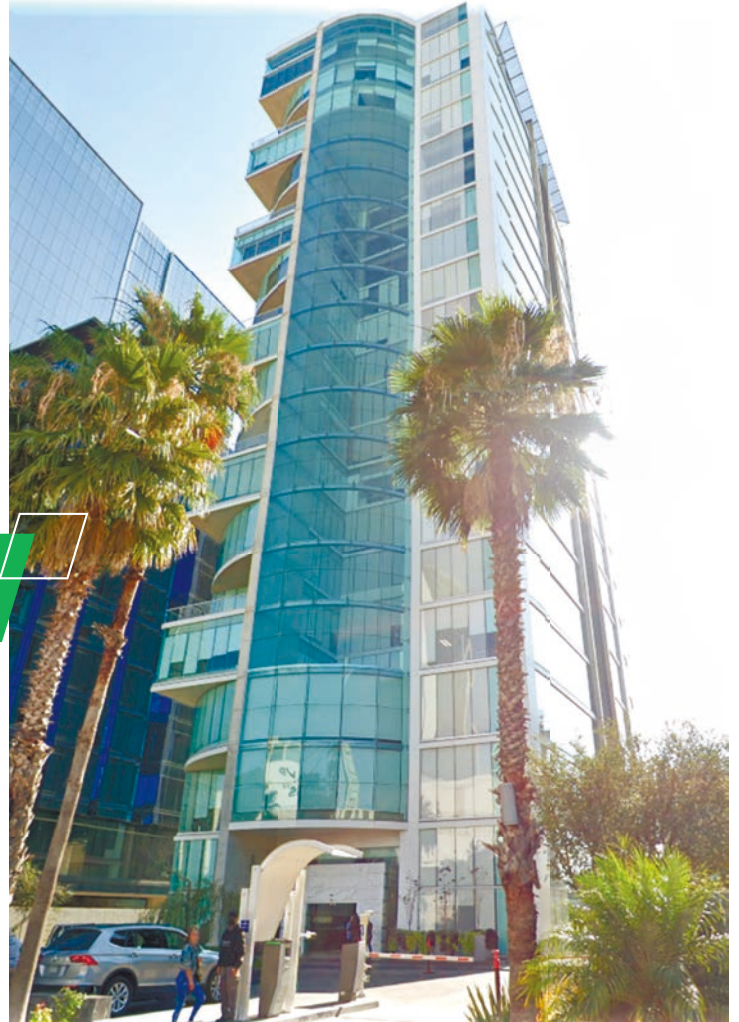
Offices/Residential

5 Elevators | 1200 kg | 3.0 m/s | 97.8 m travel | 27 floors |

Offices/Residential

Marble finish cabin.

Full DBD system.



Torre Celtis

Guadalajara, Mexico

This project consists of 6 elevators.

4 Elevators | 1250 kg | 3.5 m/s | 85 m travel | 23 floors |

Commercial

Panoramic elevator.

Commercial Office Towers

KLVC office building



Malaysia

1025-1635 kg 1.0, 1.5, 4.0 and 5.0 m/s
Different ranges of elevator speed
High-efficiency office building

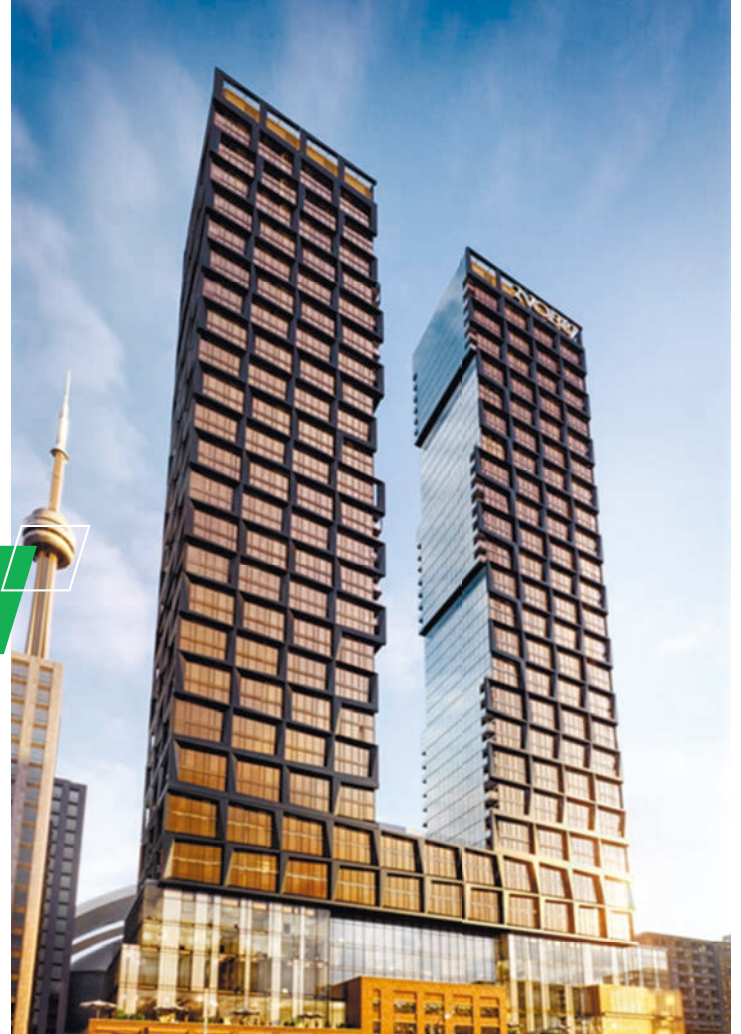
Hotel Sherry- Netherland



NYC, New York

7 elevators | 1150 kg | 3.5m/s | 143 m travel

Since opening in 1927, The Sherry-Netherland in New York City has attracted society's elite with its five-star service and high-end accommodations. Today, it remains the luxury hotel of choice for Manhattan business and political leaders as well as world travelers.



Nobu

Vancouver, Canada

This project consists of 21 elevators.

1600 kg | 5.0 m/s | 166 m travel | 42 floors

Luxury Hotel/Luxury Residential Condo/Retail.

High-speed, ACPM Gearless with Regen Drive.

Full DBD system.

Hotel & Hospitality

Westin Harbour Castle



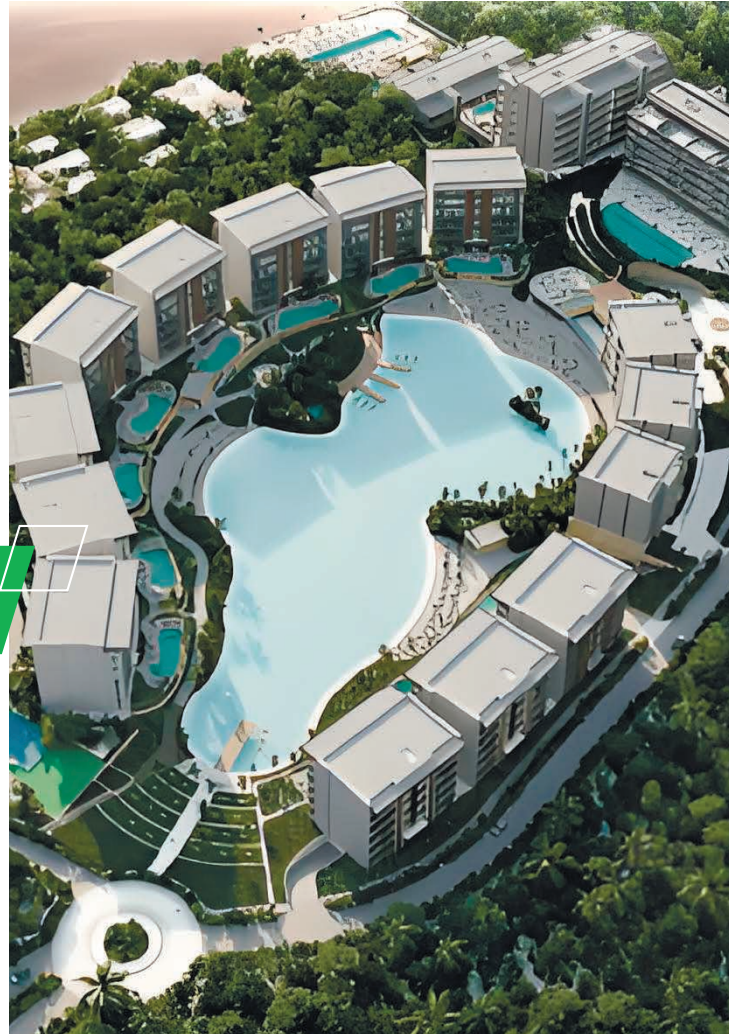
Toronto, Canada

This project consists of 13 elevators.

13 Elevators | 1350 kg | 3.5 m/s | 198 m travel | 32 floors |

Luxury Hotel/Service/Sky Deck/Look-out Tower.

Look-out Tower, ACPM Gearless with Regen drive.



Kirah

Punta Mita, Mexico

This project consists of 34 elevators.

800-1200 kg | 1-1.75 m/s | 34 m travel (max) | 9 floors (max) |

Hotel and Residences.

Exclusive residential area and Hotel located along the Pacific Ocean coast.

Puntacero



Monterrey, Mexico

This project consists of 3 elevators and 6 escalators

3 Elevators | 1350 kg | 3.5 m/s (max) | 60.8 m travel (max) | 16 floors (max) | Hotel / Service

2 Escalators | 4,210 mm height

4 Escalators | 6,650 mm height

Located in the middle of diverse iconic tourist attractions of the city.

Outdoor escalators.



Marriott resort

Danang, Vietnam

12 cars in total

2 banks of 6-car Group

4m/s -7m/s

Hall call priority (VIP) to switch the lift out of the Group

Highest speed in Vietnam.

Hotel & Hospitality

King Palace



Danang, VietNam

6-car Group with iCue Dispatching 41 Floors 4 m/s

Mixed DBD (Lobby DID, the rest of floors traditional LOPs)

King palace is a high-end residential-hotel project by a prestigious developer.

The thoughtful project design promises a premium living experience.

11 Wall Street, New York, NY, U.S.A.

Modernization Synopsis

Building Owner: NYSE

Controls Manufacturer: Motion Control Engineering

Contractor: Schindler Elevator Corporation

Consultant: VDA Consulting

11 Wall Street is a major addition to the New York Stock Exchange built in 1909. Designed by Trowbridge & Livingston to harmonize with the original George Post design for the New York Stock Exchange building. The building is 23 storys tall, 79 meters, and was completed in 1922 as an office tower and expansion trading floor for the exchange.

Building Specification:

Class: A	Size: NA
Landings: 23 (23 floors)	Passenger cars: 11 (1, 2-car, 1, 9-car bank)
Parking service cars:	Service cars:
Executive cars:	Total cars: 11



Modernization Specification:

Completion:	Car speed range: 400-700 FPM (2.0 - 3.5 m/s)
Original equipment: Westinghouse Motor Generator	Converted to: MCE IMC-MG

IMC Benefits

- Advanced MCE M3 central dispatching
- Cost effective upgrade
- Factory programming
- MCE Central Monitoring System

Fulbright Tower, Houston, TX, U.S.A.

Modernization Synopsis

Building Owner: Crescent 1301 McKinney, L.P
Controls Manufacturer: Motion Control Engineering
Contractor: Amtech Elevator Houston
Consultant: Persohn / Hahn Associates / Barbre Consulting

Originally known as Chevron Tower, Fulbright Tower was renamed for its major tenant Fulbright & Jaworski, L.L.P, Constructed in 1982, Fulbright Tower’s structural frame is steel with suspended concrete on meta deck floor slabs. Exterior cladding is aluminum and insulating glass curtain wall with polished granite spandrels.



Building Specification:

Class: A	Size: 1.2 million ft² (111,484 m²)
Landings: 55	Passenger cars: 24 (4 banks of 6 cars)
Shuttle/Garage: 2	Service/Freight cars: 2
Executive cars: 1	Total cars: 29

Modernization Specification:

Completion: 2005	Car speed range: 250-1200 FPM (1.5 -6.0 m/s)
Original equipment: Otis Motor Generator	Converted to: 12-Pulse SCR (26) / AC (3), MCE iControl

iControl Benefits

- Performance to 1800 FPM (9.0m/s)
 - Real time local and remote monitoring with control capabilities
 - Automated hoistway and motor characteristics learning
 - Local and Remote tuning and diagnostics
- Advanced logic dispatching with artificial intelligence
 - Automated service and performance mode selection for improved client service and energy conservation
 - Full iControl feature access (see iControl Specifications)
 - Destination Based Dispatching option

Two Prudential Plaza, Chicago, IL, U.S.A.

Modernization Synopsis

Building Owner: BentleyForbes
Controls Manufacturer: Motion Control Engineering
Contractor: Schindler Elevator Corporation
Consultant: BOCA Group International

1995 winner of the Best Structure Award presented by the Structural Engineers Association of Illinois, Two Prudential was the U.S.A.’s tallest reinforced concrete building when it was completed in 1990. Currently, Two Prudential is the fifth tallest building in Chicago; the eleventh tallest in the United States.



Building Specification:

Class: A	Size: 2.2 million ft² (204,387 m²)
Landings : 64 floors above; 5 below ground	Passenger cars: 24 (3 banks of 8 cars)
Parking service cars:	Service cars: 2
Executive cars:	Total cars: 26

Modernization Specification:

Completion: 2006	Car speed range: 700-1200 FPM (3.5 - 6.0 m/s)
Original equipment: Dover Motor Generator	Converted to: 12-Pulse SCR, IMC PERFORMA

IMC SCR Benefits

- Elevator speeds to 1800 FPM (9.0 m/s)
- Advanced MCE M3 central dispatching
- Cost effective SCR upgrade
- MCE Central Monitoring System

One Liberty Plaza, New York, NY, U.S.A

Modernization Synopsis

Building Owner: Brookfield Properties

Controls Manufacturer: Motion Control Engineering

Contractor: Brookfield Properties

2002 -2003 Pinnacle Award (BOMA/NY) Operating Building of the Year Award winner, One Liberty Plaza was built in 1972. The 54-story steel and glass tower was designed for U.S. Steel and features an open plaza at its entrance.



Building Specification:

Class: A	Size: 2.2 million ft² (204,387 m²)
Landings: 54	Passenger cars: 36 (6 banks of 6 cars)
service cars: 3	Total cars: 39

Modernization Specification:

Completion: 2001	Car speed range: 500-1400 FPM (2.5 - 7.0 m/s)
Original equipment: Otis Motor Generator	Converted to: 12-Pulse SCR, IMC PERFORMA

IMC SCR Benefits

- Elevator speeds to 1800 FPM (9.0 m/s)
 - Advanced MCE M3 central dispatching
 - Cost effective SCR upgrade
 - MCE Central Monitoring System

One Boston Place, Boston, MA, USA

Modernization Synopsis

Building Owner: One Boston Place, LLC
Controls Manufacturer: Motion Control Engineering
Contractor: Kone, Lnc
Consultant: Ascent Vertical Transportation Consultants

One Boston Place is prominent on the Boston skyline. The tower is steel frame construction on a concrete over metal decking floor with a masonry core. The lobby entrance features a planar glass wall highlighted by four pyramid skylights. Initially constructed in 1970, the tower underwent extensive modernization in 2005.



Building Specification:

Class: A	Size: 782, 000 ft² (72,650 m²)
Landings: 41	Passenger cars: 18 (3 banks of 6 cars)
Parking service cars: 1	Service cars: 1
Executive cars:	Total cars: 19

Modernization Specification:

Completion: 2005	Car speed range: 500-1000 FPM (2.5 -5.0 m/s)
Original equipment: Otis Motor Generator	Converted to: 12-Pulse SCR, MCE iControl

iControl Benefits

- Performance to 1800 FPM (9.0 m/s)
 - Real time local and remote monitoring with control capabilities
 - Automated hoistway and motor characteristics learning
 - Local and Remote tuning and diagnostics
- Advanced logic dispatching with artificial intelligence
 - Automated service and performance mode selection for improved client service and energy conservation
 - Full iControl feature access (see iControl Specifications)
 - Destination Based Dispatching option

Washington Monument, U.S.A.

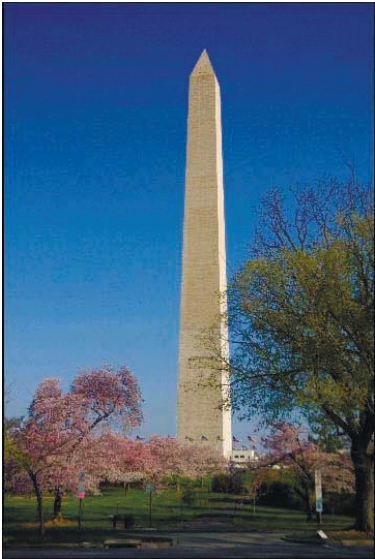
Modernization Synopsis

Building Owner: US Government

Controls Manufacturer: Motion Control Engineering

Contractor: General Elevator

Officially opened to the public in 1888, the Washington Monument is a tribute to the first President of the United States, The monument is 169 meters tall. The observation level is at the 152 meters elevation. The exterior is constructed primarily of white marble from Baltimore, Maryland. The interior is granite from the state of Maine. This is a unique installation. There are two, above ground, floors in the monument; the observation level at 152 meters, and the exhibit level at 150 meters. However, during the downward trip, the elevator will operate in a special mode. In this mode, windows in the elevator will change from opaque to clear and the car will slow to allow 193 commemorative stones to be viewed by passengers.



Building Specification:

Class: Public Monument	Size: 555 feet tall (169.29 meters)
Landings: 50	Passenger cars: 1

Modernization Specification:

Completion: 1998	Car speed range: 500 FPM (2.5m/s)
Original equipment: Otis Motor Generator	Converted to: MCE IMC-SCR

IMC SCR Benefits

- Elevator speeds to 1800 FPM (9.0 m/s)
 - Advanced MCE M3 central dispatching
 - Cost effective SCR upgrade
 - MCE Central Monitoring System

Supreme Court of the United States, U.S.A.

Modernization Synopsis

Building Owner: US Government

Controls Manufacturer: Motion Control Engineering

Contractor: Stratos Elevator

The Supreme Court Building is the seat of the Supreme Court of the United States. The building is located in Washington D.C., One First Street Northeast. Completed in 1935, both exterior and interior are constructed of marble of different origins. The scale of the building is quite grand; five stories rising 28 meters above grade.

Building Specification:

Class: Public Building	Size: NA
Landings: 4 (5 floors)	Passenger cars: 8
Executive car:	Total cars: 8



Modernization Specification:

Completion: 1999	Car speed range: 500 FPM (2.5m/s)
Original equipment:	Converted to: MCE IMC-SCR

IMC SCR Benefits

- Elevator speeds to 1800 FPM (9.0 m/s)
 - Advanced MCE M3 central dispatching
 - Cost effective SCR upgrade
 - MCE Central Monitoring System

270 Park Avenue, New York, NY, U.S.A

Modernization Synopsis

Building Owner: Pamela Equities, Inc.

Controls Manufacturer: Motion Control Engineering

Contractor: Mainco Elevator Services

270 Park Avenue is locally known as the Chase Building-world headquarters of JP Morgan Chase. The building was originally constructed in 1960 as the corporate home of the Union Carbide Company. The building exterior evokes strength with its protruding stainless steel mullions and the bold facade pattern of the black matte metal spandrels.



Building Specification:

Class: A	Size: 2.4 million ft² (222,967 m²)
Landings: 51 (52 floors)	Passenger cars: 24 (3 banks of 8 cars)
Parking service cars:	Service cars: 5
Executive cars: 2	Total cars: 31

Modernization Specification:

Completion: 2005	Car speed range: 500-1200 FPM (2.5 - 6.0 m/s)
Original equipment: Otis Motor Generator	Converted to: 12-Pulse SCR, IMC

IMC SCR Benefits

- Elevator speeds to 1800 FPM (9.0 m/s)
 - Advanced MCE M3 central dispatching
 - Cost effective SCR upgrade
 - MCE Central Monitoring System

2 Broadway, New York, NY, U.S.A

Modernization Synopsis

Building Owner: ZAR Realty

Controls Manufacturer: Motion Control Engineering

Contractor: World Elevator

One of the first modernist towers in downtown Manhattan, 2 Broadway was built in 1959. The blue glass facade consists of alternately sized panes. The tower section of the building, fronting Bowling Green, rises 33 stories.



Building Specification:

Class: A	Size: 1.4 million ft ² (129,180 m ²)
Landings: 32	Passenger cars: 29 (5 banks)
Parking service cars: 1	Total cars: 29

Modernization Specification:

Completion: 2000	Car speed range: 400-800 FPM (2.0 - 4.0 m/s)
Original equipment: Otis Motor/Generator	Converted to: MCE IMC-SCR

IMC SCR Benefits

- Elevator speeds to 1800 FPM (9.0 m/s)
- Advanced MCE M3 central dispatching
- Cost effective SCR upgrade
- MCE Central Monitoring System

55 Water, New York City, NY, U.S.A.

Modernization Synopsis

Building Owner: Retirement Systems of Alabama
Controls Manufacturer: Motion Control Engineering
Contractor: Central Elevator

55 Water occupies a 37 acre site, including a 1 acre open plaza overlooking the New York harbor. The complex was built in 1972 employing a brick-clad facade in a design style known as International Style II. When constructed, it was the largest office building in the world.

Building Specification:

Class: A	Size: 3.6 million ft² (334,450 m²)
Landings: 54 (54 floors)	Passenger cars: 72 (multiple groups)
Parking service car: 1	Service cars: 4
Executive cars: 8	Total cars: 76



Modernization Specification:

Completion: 1998	Car speed range: 200-1400 FPM (1.0 -7.0 m/s)
Original equipment: Otis Motor Generator	Converted to: MCE IMC-MG

IMC Benefits

- Advanced MCE M3 central dispatching
- Cost effective upgrade
- Factory programming
- MCE Central Monitoring System

50 California, San Francisco, CA, U.S.A.

Modernization Synopsis

Building Owner: Shorenstein

Controls Manufacturer: Motion Control Engineering

Contractor: Schindler Elevator Corporation

Consultant: Edgett-Williams

50 California never fails to impress visitors to San Francisco.The lobby features flame-cut red and black granite finished floors and mahogany wall panels trimmed with black reveals and polished bronze.The exterior facade uses vertical precast concrete columns with opaque spandrel and clear glass panels. 50 California occupies one of the most strategic locations in the heart of the central business district.



Building Specification:

Class: A	Size: 678, 574 ft² (222,967 m²)
Landings: 37 (37 floors)	Passenger cars: 16 (2 banks of 5 cars, 1 of 6)
Parking service cars: 1	Service cars: 1
Executive cars: None	Total cars: 18

Modernization Specification:

Completion: 1997	Car speed range: 500-800 FPM (2.5 - 4.0 m/s)
Original equipment: Westinghouse Motor Generator	Converted to: 12-Pulse SCR, IMC PERFORMA

IMC SCR Benefits

- Elevator speeds to 1800 FPM (9.0 m/s)
 - Advanced MCE M3 central dispatching
 - Cost effective SCR upgrade
 - MCE Central Monitoring System

300 Parking Avenue, New York, NY, U.S.A

Modernization Synopsis

Building Owner: Bank of New York

Controls Manufacturer: Motion Control Engineering

Contractor: Nouveau Industries, Inc.

Consultant: John A. Van Deusen & Associates

Originally constructed in 1955, the Colgate-Palmolive Building saw a major interior renovation in 1998 and a facade renovation in 2000. Taken together, the two renovations completely transformed the building. The building base is a 14-story block, topped by additional floors progressively set back from the base.

Building Specification:

Class: A	Size: 700,000 ft² (65,032 m²)
Landings: 28	Passenger cars: 16 (4 banks of 4 cars)
Service cars: 1	Total cars: 17



Modernization Specification:

Completion: 1998	Car speed range: 400-500 FPM (2.0 - 2.5 m/s)
Original equipment: Otis Motor/Generator	Converted to: MCE IMC-SCR w/12 Pulse SCR Drive

IMC SCR Benefits

- Elevator speeds to 1800 FPM (9.0 m/s)
 - Advanced MCE M3 central dispatching
 - Performance and ride enhancing 12-Pulse SCR Drive
 - Cost effective SCR upgrade
 - MCE Central Monitoring System

W.R. Grace Building, New York, NY, U.S.A.

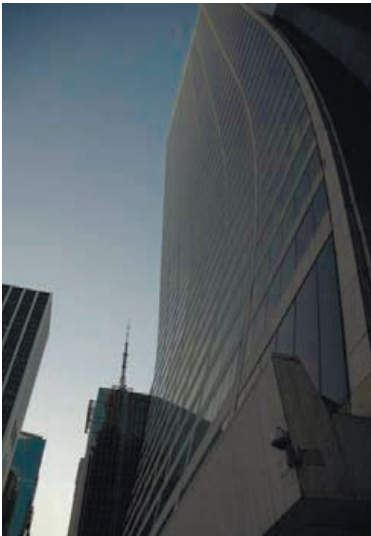
Modernization Synopsis

Building Owner: Bookfield Properties
Controls Manufacturer: Motion Control Engineering
Contractor: Schindler Elevator Corporation
Consultant: Joseph Neto and Associates

The facade of this 50-story tower is clad in white Travertine. The tower was built in 1974 for the W.R. Grace Chemical Company. This is one of only two New York skyscrapers that have a facade that slopes up from the base. Grace residential building materials are recognized by LEED and meet national green building guide-lines.

Building Specification:

Class: A	Size: 757, 780 ft² (70,400 m²)
Landings: 50 (50 floors)	Passenger cars: 32 (4 banks of 8 cars)
Parking service cars:	Service cars: 2 (high rise, swing)
Executive cars:	Total cars: 34



Modernization Specification:

Completion: 1998	Car speed range: 500-1200 FPM (2.5 - 6.0m/s)
Original equipment: Westinghouse Motor Generator	Converted to: 12-Pulse SCR, IMC Performa

IMC SCR Benefits

- Elevator speeds to 1800 FPM (9.0 m/s)
 - Advanced MCE M3 central dispatching
 - Performance and ride enhancing 12-Pulse SCR Drive
- Cost effective SCR upgrade
 - MCE Central Monitoring System

Bank of New York, New York, NY, U.S.A.

Modernization Synopsis

Building Owner: The Bank of New York

Controls Manufacturer: Motion Control Engineering

Contractor: ACE Elevator

Consultant: Ted, Bremer, & Associates, Inc.

The Bank of New York Building is located at 1 Wall Street, the “most expensive Real Estate in New York” at the corner of Wall Street and Broadway. The fifty-story building was constructed between 1929 and 1931. The building facade is limestone with the surface carved to resemble draped fabric. The banking hall in the building has the largest mosaic work of modern times-850 m² by mosaicist Hildreth Meiere. The building was designated a landmark in 2001.



Building Specification:

Class: A	Size: 1.6 million ft² (148,645 m²)
Landings: 50	Passenger cars: 30
Parking service cars:	Service cars: 3
Executive cars: 2	Total cars: 35

Modernization Specification:

Completion: 2002	Car speed range: 300-1000 FPM (1.5 - 5.0 m/s)
Original equipment: Motor/Generator	Converted to: IMC-SCR

IMC SCR Benefits

- Elevator speeds to 1800 FPM (9.0 m/s)
 - Advanced MCE M3 central dispatching
 - Cost effective SCR upgrade
 - MCE Central Monitoring System

Massachusetts General, Boston MA, U.S.A.

Modernization Synopsis

Building Owner: Partners Healthcare

Controls Manufacturer: Motion Control Engineering

Contractor: Advanced Elevator Technologies

Consultant: Massachusetts General Hospital

Massachusetts General Hospital, or "Mass Gen," is a famous teaching hospital affiliated with Harvard Medical School. It was founded in 1811 and is the third oldest general hospital in the United States, Massachusetts General pioneered the first use of ether as an anesthetic during a surgery in 1846. The hospital has 898 beds and admits over 45,000 patients a year.

Building Specification:

Class: A	Size: Multiple Building Site
Landings: 24	Passenger cars: 18
Parking service cars:	Service cars:
Executive cars:	Total cars: Continuing-18 to date

* The tallest building thus far modernized is 24 storys. 18 cars (of a much larger number) have been modernized.



Modernization Specification:

Completion: Ongoing Porject	Car speed range: 350-700 FPM (1.8 - 3.5m/s)
Original equipment: Motor Generator	Converted to: MCE iControl AC, iControl DC

IMC SCR Benefits

- Performance to 1800 FPM (9.0 m/s)
 - Real time local and remote monitoring with control capabilities
 - Automated hoistway and motor characteristics learning
 - Local and Remote tuning and diagnostics
 - Advanced logic dispatching with artificial intelligence
 - Automated service and performance mode selection for improved client service and energy conservation
 - Full iControl feature access (see iControl Specifications)
 - Destination Based Dispatching option

Co-op City, New York, NY, U.S.A

Modernization Synopsis

Building Owner: Riverbay Corperation
Controls Manufacturer: Motion Control Engineering
Contractor: Mainco Elevator Services
Consultant: BOCA Group International

Co-op City, The Bronx, New York City, is the largest cooperative housing develop-
 ment in the world. Completed in 1971, Co-op city has 15,372 residential units in
 thirty-five high rise buildings and seven clusters of townhouses. This middle-class,
 planned city also has eight parking garages, three shopping centers, six schools, and
 a fire house. The high rise residential units range from 24 to 33 floors. In the
 mid-2000s, the city underwent a major renovation. Motion Control Engineering was
 selected to modernize all the elevators in the city structures.



Building Specification:

Class: City	Size: NA
Landings: NA	Passenger cars: 176
Parking Service cars: 16	Total cars: 192

Modernization Specification:

Completion: 2005	Car speed range: 100-500 FPM (0.5 - 2.5 m/s)
Original equipment: Motor/Generator	Converted to: IMC-SCR, IMC-AC, PHC

IMC SCR Benefits

- Elevator speeds to 1800 FPM (9.0 m/s)
- Advanced MCE M3 central dispatching
- Cost effective SCR upgrade
- MCE Central Monitoring System

This project consists of complete modernization & replacement of existing elevators in phases.



King Abdul Aziz Center of World Culture (ITHRA) Dhahran, Kingdom of Saudi Arabia

3 Elevators | 1600 kg | 3.5 m/s | 80.6 m travel | 17 floors | Mixed Use

2 Elevators | 1150 kg | 1.75m/s | 28.5m travel | 6 Floors | Library

First 3.5 m/s project in Kingdom of Saudi Arabia.

First iController in Kingdom of Saudi Arabia.

Modernization & Upgrades

This project consists of complete
modernization of 4 elevators.



Hayatt Regency Hotel & Residential Apartments Dubai Creek Height, Dubai, UAE

4 Elevators | 1350 kg | 4 m/s | 169 m travel (max) | 47 floors | Hotel & Residential Apartments

First 4 m/s project in UAE.

First Fusion G5 MOD in Region.

New York City Metropolitan Transportation Authority



NYC, New York

23 elevators | 4550 kg | 2.0 m/s | 24.4 m travel

The New York City Subway is a rapid transit system in New York City, United States. It is run by the Metropolitan Transportation Authority (MTA). It is one of the biggest rapid transit systems in the world, with 472 stations. It has 245 miles (or 394 km) of routes on 691 miles (or 1112 km) of railway track. The New York City Subway almost never closes; the trains run 24 hours a day, 7 days a week, all year.



Honolulu Authority for Rapid Transportation

Honolulu, HI

This project consists of 49 elevators

42 elevators | 2000kg MRL Gearless Traction Elevators | 1.0 m/s
7 elevators | 1800kg Roped Hydraulic Elevators | 0.75 m/s
Elevators are designed and built for full exposure to the corrosive environment.

Corrosion resistant finishes on all materials.

NEMA-4x electrical requirements on all hoistway components.

First fully autonomous elevated rail system in the country.

Specialty & Landmark

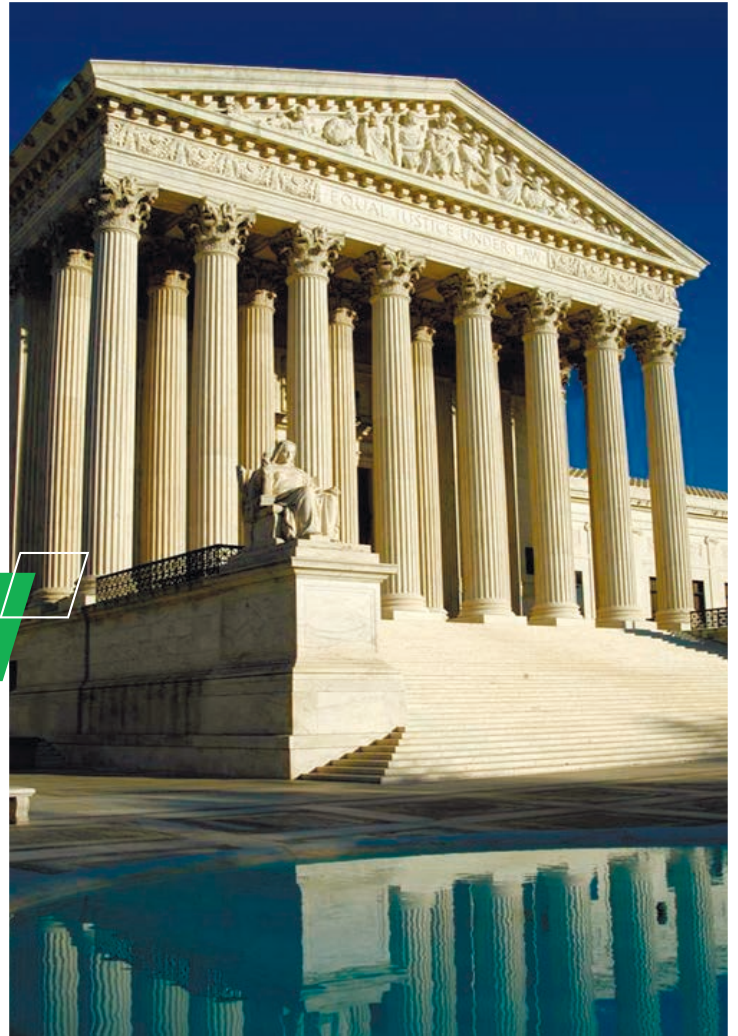
Washington Monument



Washington Monument, U.S.A.

2.5 m/s | 50 floors

This is a unique installation. There are two, above ground, floors in the monument, the observation level at 152 m, and the exhibit level at 149 m. However, during the downward trip, the elevator will operate in a special mode. In this mode, windows in the elevator will change from opaque to clear and the car will slow to allow 193 commemorative stones to be viewed by passengers.



Supreme Court of the United States

The building is located in Washington D.C, U.S.A.

2.5 m/s | 23 floors

The Supreme Court Building is the seat of the Supreme Court of the United States. The building is located in Washington D.C., One First Street Northeast. Completed in 1935, both exterior and interior are constructed of marble of different origins. The scale of the building is quite grand; five stories rising 28 m above grade.

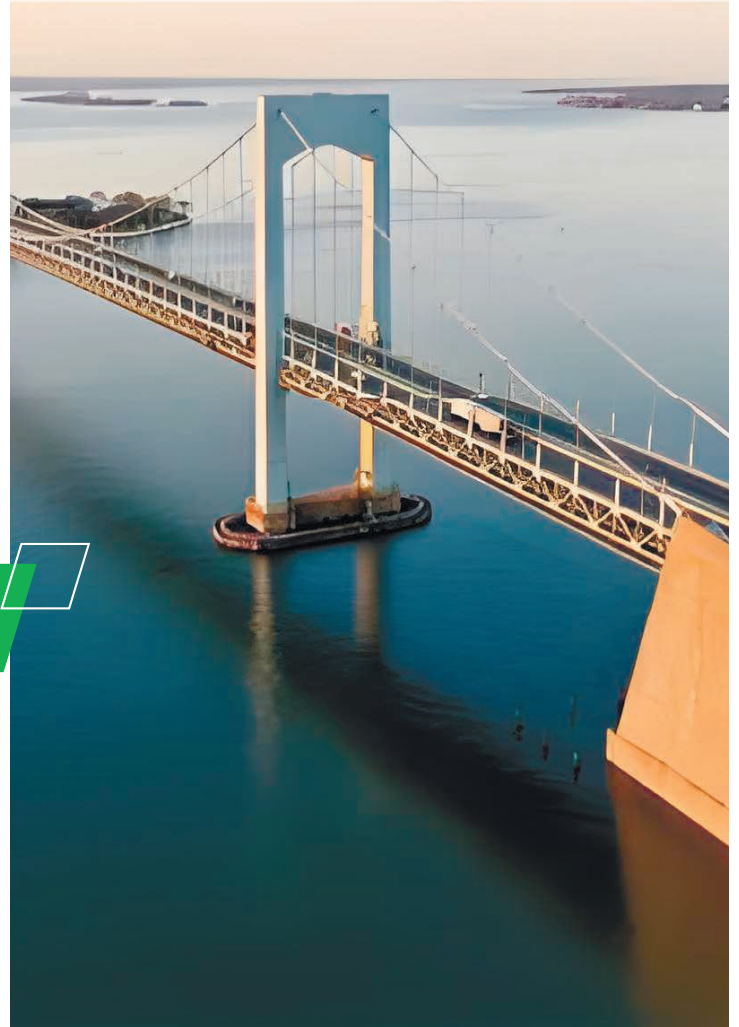
Specialty & Landmark

Verrazano-Narrows Bridge



Linking Brooklyn to Staten Island Burroughs, NYC

4 elevators | iControl AC Gearless Controllers
4 elevators | Imperial 478LS Gearless Machines
Custom NEMA 4X AC Controllers & Accessories to Meet NYC
Abusive Climate
2nd Longest Suspension Bridge in the World
#1 Largest & Longest Suspension Bridge in USA/Americas
Controllers & Machines Installed Inside/Atop Each Bridge
Stanchion.



Throgs Neck Bridge

Linking Queens, The Bronx Boroughs Long Island, NYC

2 elevators | iControl AC Gearless Controllers
2 elevators | Imperial 478LS ACPM Machines
Stainless Steel Controller Cabinets & Accessories
NEMA-4X Engineering to Meet NYC Elements Exposure
Vital Link to Ease Traffic Congestion to 3.2 Million People
Controllers/Machines Installed on Inside/Atop of Each Bridge
Stanchion.

Specialty & Landmark

Reunion Tower



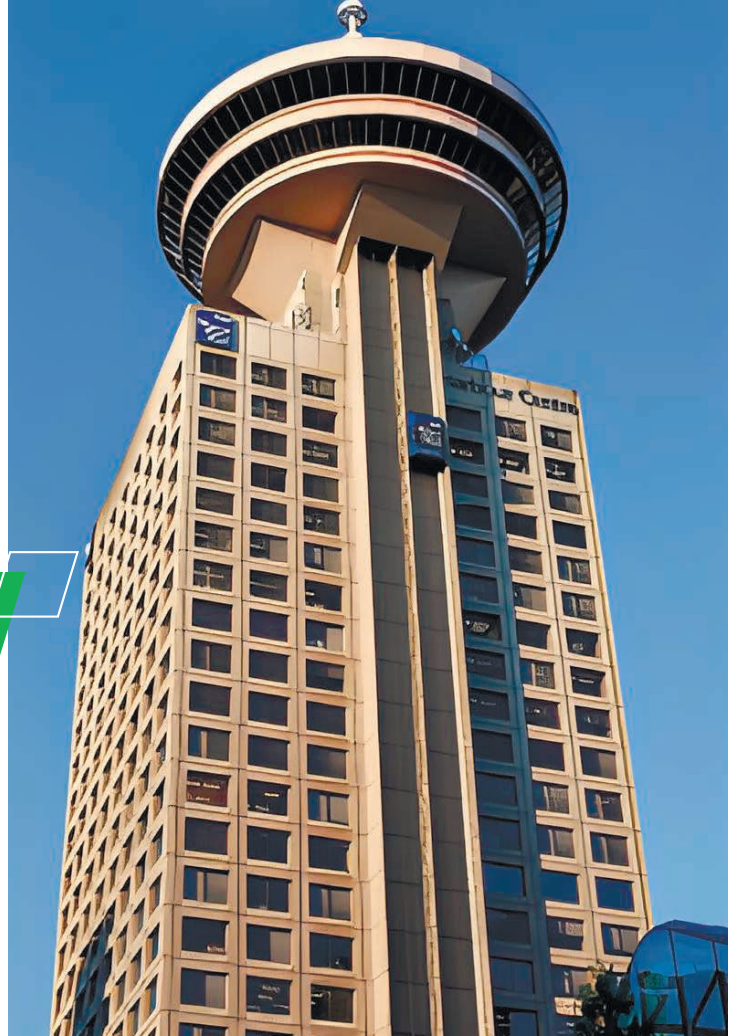
Dallas, Texas

3 elevators | 2250 kg | 2.5 m/s | 158 m travel

259 exterior LED lights

Stands about 561 FT tall with 3 floors at the top.

Reunion Tower has been featured in numerous TV shows and movies including Dallas, The Tree of Life, Robocop, The Amazing Race 26 and Walker, Texas Ranger.



Harbour Centre Vancouver Look-out Tower

Vancouver, Canada

This project consists of 2 elevators.

2000 kg | 3.5 m/s | 147 m travel | 3 floors | Offices/Service/Sky Deck/Lookout Tower.

Outdoor Elevator, Exposed Hoistway, Custom NEMA rated Landing system.

High Speed Elevator. DC application.

University of North Carolina Surgical Tower



2 elevator | 3600kg Capacity Service Elevators | Geared Traction | travel: 35 m | 1.75 m/s
2 elevator | 6800kg Capacity Surgical Elevators | Gearless Traction | travel: 35 m | 1.75m/s
6800kg Capacity elevators utilized the Imperial 908 machines.
30200 Square meters medical tower including twenty-four fully licensed operating rooms.

Healthcare Facilities

Coney Island Hospital



MSU Hospital

Brooklyn, NYC

7 elevators | iControl AC Gearless | 2.5 m/s Controllers
4 elevators | Motion 2000 Hydraulic Controllers
iMonitoring/iReporting Remote Monitoring
2 elevators | Imperial Machine Packages
High-Level Specialty Hospital Service Provisions
Child Abduction/Infant Security Interfaces.

Malaysia

1000-1600 kg | 3.0 m/s
MSU Medical Centre is a multidisciplinary Specialist Centre
located in the heart of Shah Alam.

Texas Instruments Semiconductor Wafer Fabrication Plant



Sherman, TX

This project consists of 5 elevators

2 elevators | 2200kg Capacity Service Elevators | Roped Hydraulic Elevator | 0.8 m/s
3 elevators | C1 Loading Freight Elevators | Standard In-Ground Hydraulic Elevators | 0.3m/s | Platform Size: 10'-8"W x 22'-2"D
14" Diameter pistons traveling 66'-0" on the 3 freight elevators.
Largest private-sector economic investment in Texas history.



SCO International Green Agricultural Products Expo Plot D

Jiaozhou, Qingdao

This project consists of 27 elevators

12 elevators | 1000-1200 kg | 1.5 m/s
13 elevators | 630-1350 kg | 1.5 m/s
2 elevators | 2000 kg | 1.0 m/s
It includes large-scale complex projects such as comprehensive exhibition hall, data center, hotel, e-commerce center, and Jiaozhou Chili Association headquarters.

SCO International Conferences Center



Jiaozhou, Qingdao

This project consists of 24 elevators

16 elevators | 1600 kg | 1.75 m/s

8 escalators | 6,750 mm height

Qingdao SCO Demonstration Zone is a landmark project. It's the venue for large-scale international conferences such as the SCO Summit, the International Investment and Trade Expo, and the International Economic and Trade Organization Forum. It will also become the carrier of a new platform for international cooperation under the "Belt and Road" initiative.



SCO National Youth Entrepreneurship Center

Jiaozhou, Qingdao

This project consists of 32 elevators

5 elevators | 1350 kg | 1.75 m/s

14 elevators | 1350 kg | 2.5 m/s

5 elevators | 1350 kg | 3.5 m/s

8 Escalators

The 3.5 m/s elevator is the fastest in the SCO Demonstration Zone and is equipped with a DBD system. It is the landmark for the SCO Demonstration Zone.

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The Nidec logo is located at the bottom center of the page. It consists of the word "Nidec" in a bold, italicized, sans-serif font. The "N" and "i" are green, while "de" and "c" are white. The logo is set against a dark green background with a white outline.