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Mitsubishi Electric Delivers Taiwan’s First Double-deck Elevators with Destination Oriented Allocation System that Integrates with Building Access Control Systems

For Installation in Taipei Nan Shan Plaza Super-high-rise Complex

TOKYO, November 20, 2018 – [Mitsubishi Electric Corporation](http://www.mitsubishielectric.com) (TOKYO: 6503) announced today that it has delivered what is believed to be Taiwan’s first elevators with destination-assist capability—Mitsubishi Electric’s Destination Oriented Allocation System (DOAS)—capable of integration with the access control system of buildings. In total, Mitsubishi Electric delivered 27 elevators, including 12 double-deck models with DOAS, and 45 escalators. The delivery was made to the Taipei Nan Shan Plaza, a super-high-rise complex in central Taipei, Taiwan, which consists of three buildings: the Office Tower (272 meters high with 48 floors), the Retail Annex (7 floors) and the Cultural Entrance Annex (1 floor).



Taipei Nan Shan Plaza



Office Tower Entrance (Security gates)



User’s assigned elevator displayed on security gate’s LCD indicator

Main Features of Double-deck Elevators with DOAS

Taiwan's first elevators with DOAS integrated with building's access control system

- As elevator users pass through security gates for authentication, their destination floors are registered and the destinations are grouped by elevator for efficiency
- Users do not need to press destination buttons outside/inside of elevators, so operation of multiple elevators is optimized for enhanced transportation efficiency and user convenience

About Products Delivered

Products	Elevator: 27 units (including 12 double-deck elevators)
	Escalator: 45 units
Manufacturers	Mitsubishi Electric Corporation (Inazawa Works)
	Taiwan Mitsubishi Elevator Co., Ltd.
	Shanghai Mitsubishi Elevator Co., Ltd.

About Taipei Nan Shan Plaza

Location	No.100 Songren Road, Xinyi District, Taipei City
Operator	Nan Shan Life Insurance Co., Ltd.
Main use	Offices, commercial facilities, cultural facilities, and bus terminal
Total floors	48 above ground (plus 2 penthouse floors) and 5 underground
Master design architect	Mitsubishi Jisho Sekkei Inc.
Architect of record	Archasia Design Group
Contractor	Fu Tsu Construction Co., Ltd.

Mitsubishi Electric's Elevator and Escalator Business in Taiwan

Mitsubishi Electric began its elevator and escalator business in Taiwan in 1968 and its operational base, Taiwan Mitsubishi Elevator Co., Ltd. (TMEC), celebrated its 50th anniversary this year. TMEC has expanded business in Taiwan through sales, installation and maintenance, as well as served as a manufacturing base that surpassed cumulative shipments of 70,000 units in 2017. Mitsubishi Electric will continue to expand its business in Taiwan by delivering safety, peace of mind and riding comfort through its products and services in collaboration with TMEC.

General Description of DOAS Integrated with Building's Security Gates

When user's employee ID, etc. card is authenticated at the security gate, their destination floor is read from the card and automatically registered. The number of the elevator assigned to the user appears instantly on the security gate's LCD indicator as the user passes through.

① Place card over the card reader at the security gate.



Card reader



② Assigned elevator displayed on gate's LCD indicator.



LCD indicator



An assigned elevator number appears.

The gate opens after card authentication.

③ User proceeds to assigned elevator.



Hall operating panel



If the user forgets or misses the assigned elevator, the destination floor can be registered again using the Hall operating panel.

④ User enters elevator when doors open.



Car operating panel



The destination floor has been registered, so the user does not need to press a floor button in the elevator.

Contributions to Environmental Protection

Permanent magnetic motors, adopted in all delivered elevators, reduce power consumption while the elevators are operating.

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About Mitsubishi Electric Corporation

With nearly 100 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation (TOKYO: 6503) is a recognized world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, energy, transportation and building equipment. Embracing the spirit of its corporate statement, Changes for the Better, and its environmental statement, Eco Changes, Mitsubishi Electric endeavors to be a global, leading green company, enriching society with technology. The company recorded consolidated group sales of 4,444.4 billion yen (in accordance with IFRS; US\$ 41.9 billion*) in the fiscal year ended March 31, 2018. For more information visit:

www.MitsubishiElectric.com

*At an exchange rate of 106 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2018