Schindler ID MOD Overlay is an innovative modernisation technique that provides maximum benefit and minimum inconvenience to the tenants of a building during a renovation.

Schindler ID MOD Overlay

An innovative modernisation technique

The Schindler ID MOD Overlay system has not only won the company contracts, but also allowed it to extend its reputation for exceeding customers' expectations. The system provides maximum benefit and minimum inconvenience to the tenants of a building during a renovation. It allows maximum availability of the lifts during the entire period, with simultaneous improvement in their performance.

This innovative concept was adopted for the modernisation of lifts in Millenia Tower in Singapore, Bank of Indonesia in Jakarta, Jardine House in Hong Kong and Tour Ariane, a 36-storey office building in Paris with 17 third-party lifts.

How it works

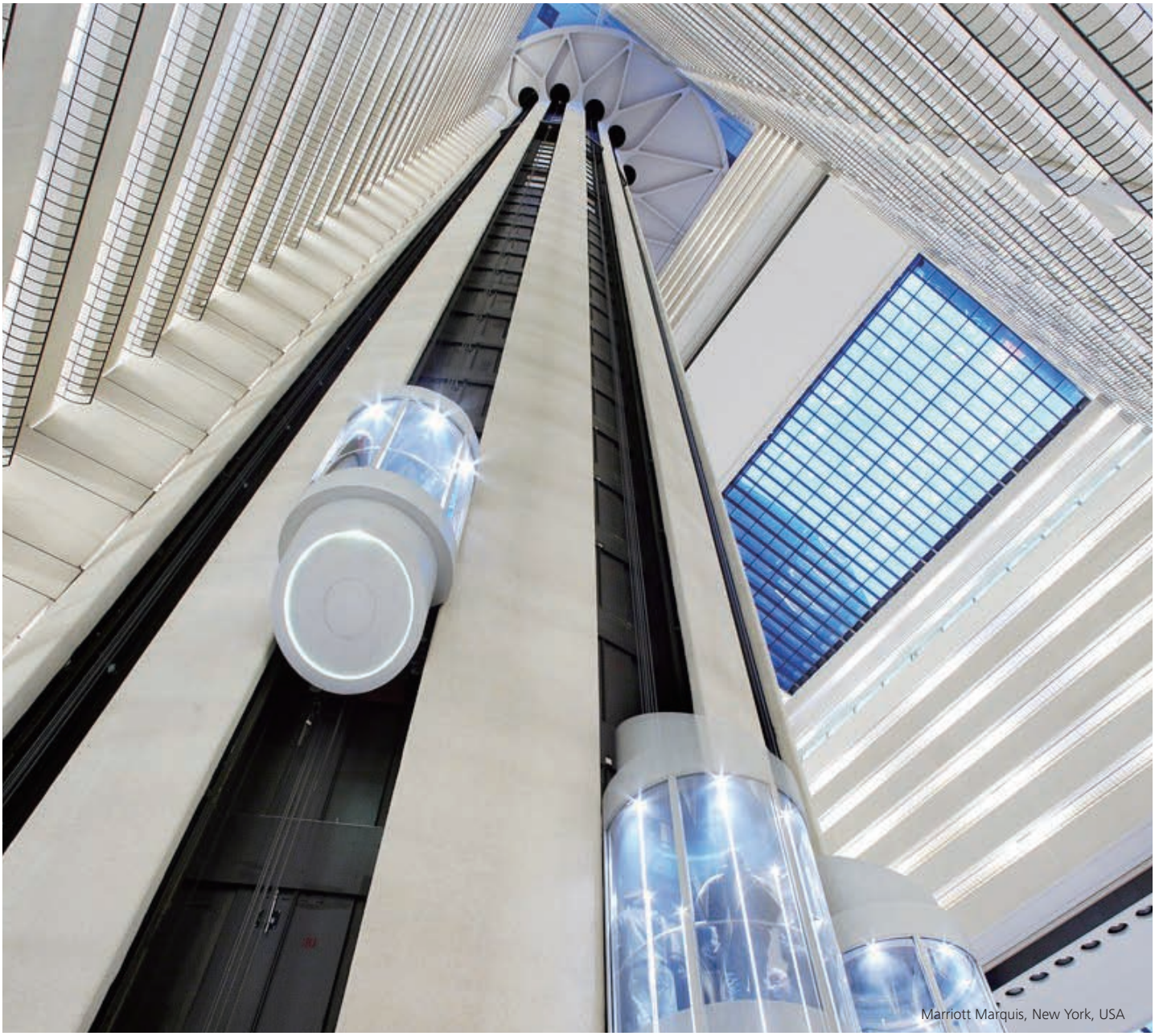
The lift work is carried out in an existing building, meaning that the existing and the new lift systems co-exist for a period.


Jardine House, Hong Kong, China


Tour Ariane, Paris, France


Bank of Indonesia, Jakarta, Indonesia


Millenia Tower, Singapore



Marriott Marquis, New York, USA

"Schindler Power Factor One machines achieved 70% reduction in energy use per trip."

In order not to confuse tenants, Schindler ID technology is applied to maintain traffic performance even though one or two lifts are removed at one time from the group for modernisation. Schindler ID MOD Overlay is installed to group the existing and new lift control systems together under a single control during the work, after which the lifts are reintegrated into the group immediately.

By using its advanced algorithm, the Schindler Miconic 10 destination control system can provide the shortest destination time and round trip time for lift users, even during modernisation.

Energy savings

In Tour Ariane's case, the upgrade from Ward Leonard controls to Schindler Power Factor One inverter-driver machines resulted in an astonishing 70 per cent reduction in energy use per trips. With the use of the Schindler Miconic 10 system, it was demonstrated that, despite a substantial increase in use of the lifts, the increased load could be absorbed without problem and did not cause an increase in energy consumption.

This outstanding example of the Schindler ID MOD Overlay system resulted in follow-on orders in the UK, South Africa, Hong Kong, Singapore and other countries. In addition, the key to success for such a complex modernisation project is the excellent project management, from preparation, construction organisation and installation all the way to the introduction of the new lift technologies to the tenants. ●