



# Schindler Ahead

## Digital connectivity that works for you

Schindler Ahead is your digital solution for elevators and escalators. It connects vertical transportation equipment to the Internet of Things (IoT) via its closed-loop platform. This means that elevators and escalators can now provide real-time analytics and data to our customers, technicians, and Schindler's Customer Care Centre.



## Are you ready for the removal of copper lines in your building?

The Ahead CUBE is a smart communication gateway that runs analytics, transmits data and evolves as our customers' demand it.

### How does it work?

The CUBE can be connected to any existing elevator maintained by Schindler Lifts NZ that is less than six years old. The CUBE replaces the copper phone line that connects to the emergency phone within the elevator through a secure digital connection.

Over-the-air (OTA) updates ensure that this technology almost never gets outdated, and via a growing portfolio of Schindler apps, you can get more out of your elevator more than ever before.



### Product description

- Emergency phone system via a digital connection for voice and data
- Highly secure connectivity through 3G or 4G
- Monitored emergency connectivity to comply with new international standards (EN81-28)
- Installation and SIM requirements taken care of by Schindler
- Handling of routing between elevators or escalators (controller and/or additional sensors), the cloud and Schindler.



### Features

- Self diagnostic with automatic transmission of the CUBE and equipment status to our Customer Care Centre\*
- Capability of running on-board analytics, forwarding only essential data (EDGE)
- Protected against power drops with uninterruptible Power Supply (UPS) with 1-hour esp and a 4-hour battery back-up
- Ready for OTA (Over-The-Air) software updates and future expandability to more of Schindlers AHEAD services

\*Dependent on the type of elevator you have installed

# Frequently Asked Questions

## If I move to a fibre connection and there is a power outage, what happens?

The CUBE has a back up battery that will ensure your elevator phone continues to work in the event of a power outage. This means that if there is anyone inside the elevator at the time of the power outage they can still contact our Customer Care Centre and we can dispatch a technician to release them.

## What if my lift is not fully compatible?

If its not fully compatible, your elevator phone can still be connected and monitored however, you wouldnt have access to the full Schindler AHEAD services. The CUBE enables future modernisation on your lifts if required.

## What are the other services offered for this connectivity?

The CUBE is what connects you to our suite of AHEAD services. This includes Remote Monitoring, ActionBoard and TeleAlarm. In the future you will have access to our innovative digital products, futureproofing your investment.

## Is Schindler Ahead compatible with all Schindler products?

Yes. The CUBE is enabled with all newly ordered elevators and escalators. This includes Modernisation.

## Preventative and Predictive maintenance: what do we do?

We prevent failures by the usage-based exchange of batteries, belts, components on machines, brake modules and many more. The more data we can analyze the better the results will be. With more connected equipment we will gain more precise insights and capabilities. Unpredictable events, e.g. natural disasters and vandalism, may still lead to unplanned downtimes.

Schindler's knowledge base together with the GE Predix platform generate indications for future predictions. Warnings and potential anomalies are analyzed in our control center. If actions are identified, a technician is dispatched for inspection. For example: door opening and closing times start to vary which indicates a behavior leading to a potential breakdown.

# Contact us

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