Schindler Ahead
Smart Urban Mobility
Urbanization. Revolutionized.

Increasing urbanization requires reliable, secure and efficient mobility solutions.

With digitization, urban mobility becomes smart. The Internet of Things, Artificial Intelligence and personalized apps change the way we live and move.

Schindler moves over one billion people every day. With the introduction of Schindler Ahead, equipment reliability, uptime and safety will significantly be improved and there will be an all-new superior passenger experience.

At Schindler we power digital urban mobility.
Imagine a platform where all involved parties are connected and necessary information is shared in real-time. Schindler Ahead connects equipment, customers and passengers with Schindler’s Contact Centers and technicians via its digital closed-loop platform.

Designed on the principles of machine learning and Internet of Things (IoT), Schindler’s digitally connected elevators and escalators bring forth new possibilities of automation, transparency and personalization.
Ahead Core is the prime connectivity, monitoring, analytics and information solution for elevators, escalators and moving walks. It offers a permanent and secure monitoring of the equipment in combination with real-time information flow for building managers, residents and Schindler.

With valuable information on our finger tips, preventive and predictive action can be taken faster – improving the overall decision-making, performance and uptime.
Ahead Connectivity
Wireless 4G / LTE digital connectivity for voice and data transmission
– Management of SIM Cards and telecommunication fees
– Uninterrupted connection and regular connectivity tests
– Ready to operate the emergency system and services

Ahead ActionBoard
Desktop and mobile communication platform to access up-to-date information regarding the equipment and maintenance
– Ahead ActionBoard is the key tool – available both as desktop and mobile app
– Custom reports according to your preferences
– Real-time information and push notifications

Ahead RemoteMonitoring
Round-the-clock remote monitoring of the equipment’s performance allows for better allocation of technician support, spare parts and predictive maintenance
– Continuous remote monitoring of the equipment
– Pre-defined series of health-checks
– Condition based interventions

Future Readiness
Seamless transition into digitally enhanced mobility and readiness to benefit from a wide range of innovative services
– Hardware and software (over-the-air) upgrades for security and continuous service
– Possibility to activate new services on demand
– Prerequisite for future products and services
Schindler Ahead is reshaping urban mobility. In an increasingly connected world, we are harnessing the potential of IoT and machine learning – resulting in a superior experience for commuters as well as service providers. With powerful analytics, Schindler Ahead’s transformative solutions deliver improved uptime, enhanced convenience and better insights.
Data from connected equipment allow for Advanced Analytics and Machine Learning.

Predictive Maintenance — Detect and resolve possible service issues before they occur.

Unrivaled real-time operational, performance and commercial information to better manage and maintain your buildings.

Interactive and personalized services provide a superior passenger experience.

Uptime

Insights

Convenience
Smart and human-centric

Smart mobility starts with the individual. With Schindler Ahead our aim is to shape thriving, human-centric cities of the future. We believe that intelligent spaces should be responsive to the new digital lifestyle and enrich every individual’s unique journey.

We are creating new possibilities that contribute to an enjoyable, convenient and secure transit experience – one which is sustainable over a prolonged period.

Property Owner / Manager / Developer

- Digital connectivity and IoT adoption making the building future-ready
- Connected ecosystem for better uptime, reliability and overall performance
- Clear overview and actionable insights for better planning of repairs, modernization and routine service inspections
- 24/7 emergency service even during power outage
- Possibility to adopt future digital products
- Securing the long-term health and value of the building
Facility Manager

- Reliable service, improved uptime and quicker response time to impending issues
- Predictive maintenance for better care
- Real-time, accurate information on the unit’s status and performance
- Improved communication with tenants
- Automation of routine tasks related to management, operations and maintenance of elevators

Passengers

- Improved uptime and service reliability
- Information on planned service interruptions, maintenance schedules for better planning and preparedness
- Access to future-ready, intuitive and responsive digital products
- Comfortable, personalized and enjoyable mobility experience
Digital solutions tailored to your needs

Cube
Machine intelligence

- Smart and connected
- Machine data are collected, pre-analyzed and transmitted to the Cloud Platform
- Run apps, stream multimedia content and handle emergency voice calls

Cloud Platform
Real-time insights

- Our engine for Big Data Analytics, Artificial Intelligence, Machine Learning
- Powered by GE Predix
- Data turn into actionable outcome like Predictive Maintenance

App Store
Instant access

- A variety of apps for customers and passengers
- Access relevant information in real-time, gain comprehensive insights or experience improved comfort and convenience
- On Smartphone or via Internet Portal
Future Readiness
Over-the-air (OTA) updates

- Use powerful solutions today, be ready for the latest innovations
- Over-the-air (OTA) updates from the App Store to the CUBE
- Stay always up to date without having a service technician coming onsite
Responsive, dependable maintenance support – available 24/7

In a connected ecosystem, we combine our experience with Artificial Intelligence to deliver condition-based maintenance. Because personal service counts.

Digital products improving every touch-point

Schindler Ahead solutions meet at the intersection of reliability, performance and experience. Our solutions provide accurate diagnostics to our service team, liberate building managers from tedious tasks and preempt what the passengers want.
Accurate and real-time information – at your finger-tips

Sensoric data gathered 24/7 provides real-time status updates allowing you to generate custom reports, receive alerts and much more. Because transparency is key.

Inform, engage, entertain.

With our innovative advertising solutions for elevators and escalators, display engaging multimedia content for your passengers and generate new revenue streams through digital advertising. Because it’s time for new ideas.
Schindler Ahead
Smart Urban Mobility

Schindler Ahead is the digital portfolio for smart elevators, escalators and moving walks. Designed on the principles of IoT and machine learning, it analyzes cloud-based data to deliver improved uptime, insights and convenience. Digital connectivity allows for better maintenance and management of the equipment, while adding higher levels of comforts for passengers.

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