

AETHON

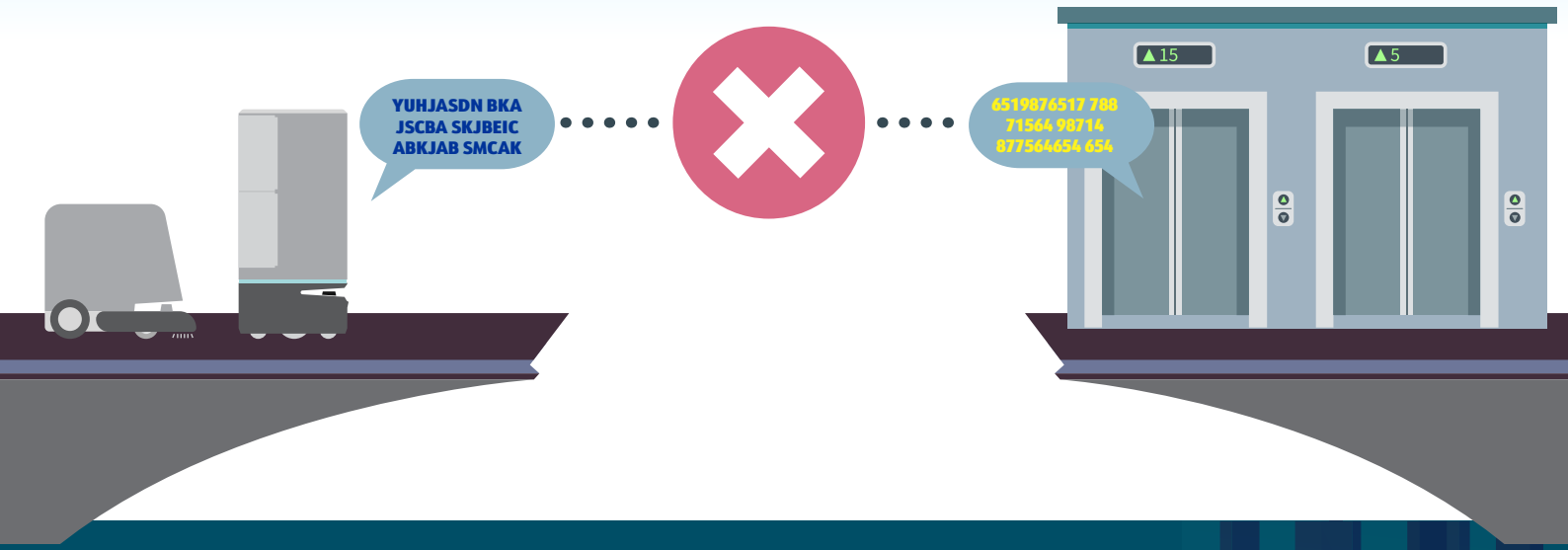
ReadyElevator

Future-proof your buildings for automation

Elevators are the last disconnected system in smart buildings

Buildings today rely on connected systems, yet elevators remain isolated, proprietary silos. This creates a costly barrier to deploying autonomous robots and automation. Every robot-to-elevator integration becomes a one-off engineering effort:

- Unpredictable costs & time lines
- Custom code and wiring
- Hard-to-maintain configurations
- Risk to uptime and modernization projects

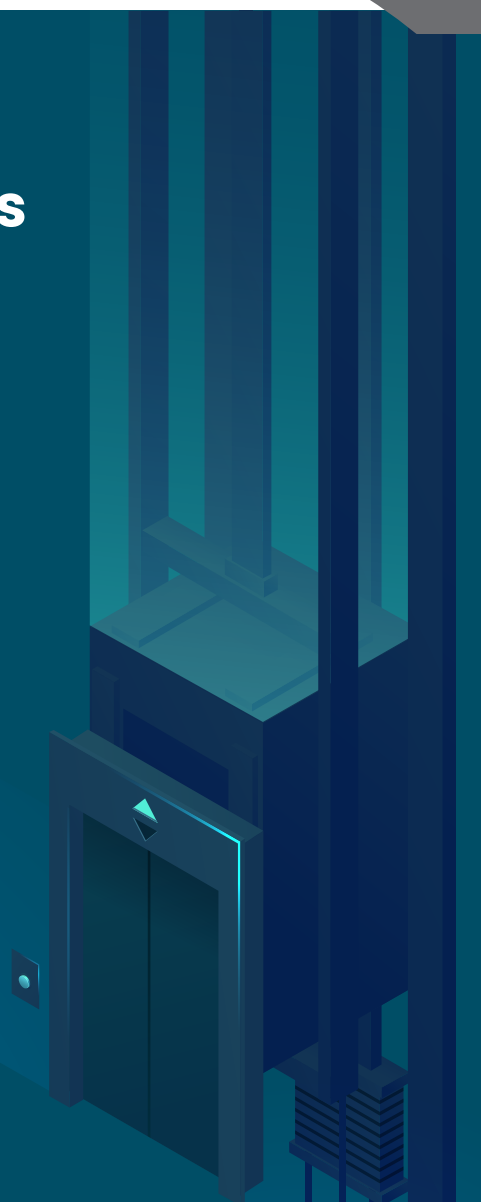


ReadyElevator is the only universal interface that integrates elevators with robots.

Install once and add robots anytime.
Robots and elevators don't speak the same language but now they can. ReadyElevator is hardware interface that creates a bridge between the elevator system and robots through a standardized software API.

Protect your investment for what's ahead.
Install ReadyElevator during construction or modernization projects to avoid costly retrofits. Protect your capital investments of this scarce resource. This allows you to add automation any time.

Eliminate a myriad of proprietary interfaces.
ReadyElevator works with nearly every elevator brand and model and creates consistency across your portfolio.





ReadyElevator

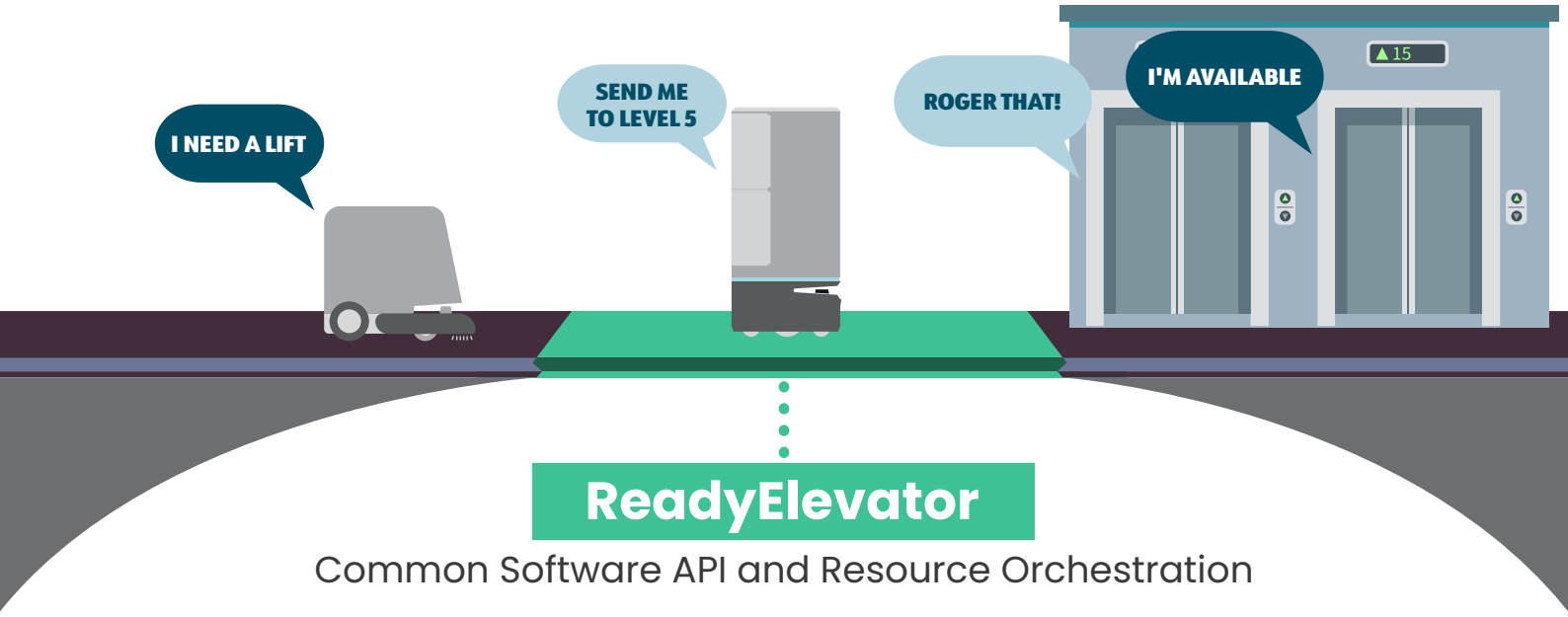
ReadyElevator is the universal, standards-based interface that lets any authorized robot communicate with any elevator brand.

A Proven Solution for Any Elevators Brand

- 1,000+ elevators integrated
- Works with nearly every elevator make and model
- Standard API shared by all certified robots
- Zero custom engineering for each integration

Install Once. Add Robots Anytime.

Deploy during construction or modernization to avoid retrofits, reduce cost, and give your building a long-term automation strategy.





Building Owners

- Avoid retrofit expenses
- Standardize automation across portfolio
- Increase property value
- Enable automation without elevator redesign



Architects & Elevator Consultants

- Incorporate into modernizations
- Specify a future-proof interface aligned with smart building frameworks
- Offer unique value to your clients



IT & Security Teams

- Meets UL 2900 cybersecurity standard
- Fully authenticated, on-premise communication
- No cloud or external servers required

Simple Installation
Universal Compatibility
Trusted Performance

The ReadyElevator Interface (REI) is wired to the elevator controller by your elevator service team. Clear instructions and support from Aethon engineers ensure a smooth predictable setup.

- Uses existing capabilities of elevator controller without altering them
- Works with single entry or pass-through cabins
- Accepts all fire and safety signals to direct proper robot behaviour during emergencies

Aethon provides each robot vendor an environment to develop, test and simulate their use of the interface to ensure safe and efficient use of the elevator system.



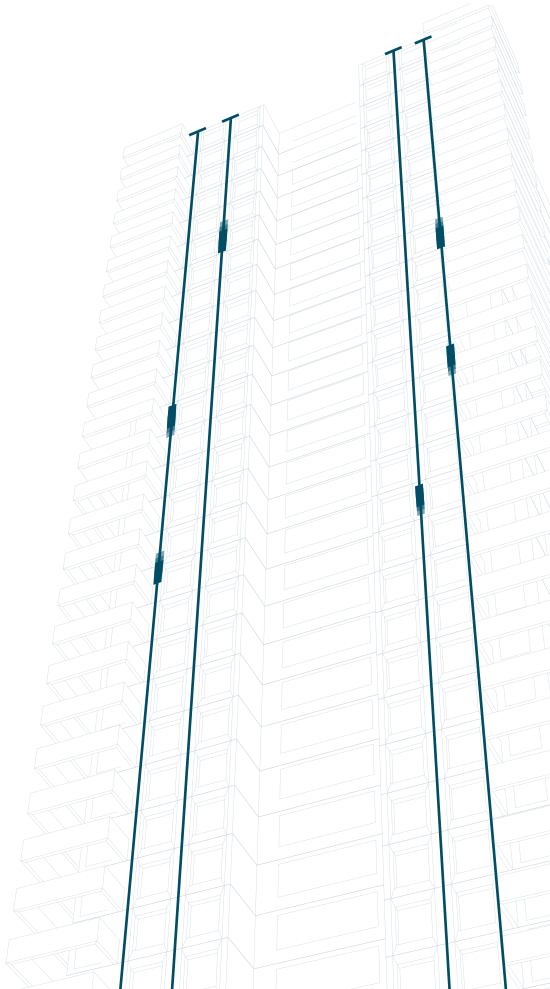
ReadyElevator Interface (REI)

On-premise Integration Gateway

ReadyElevator

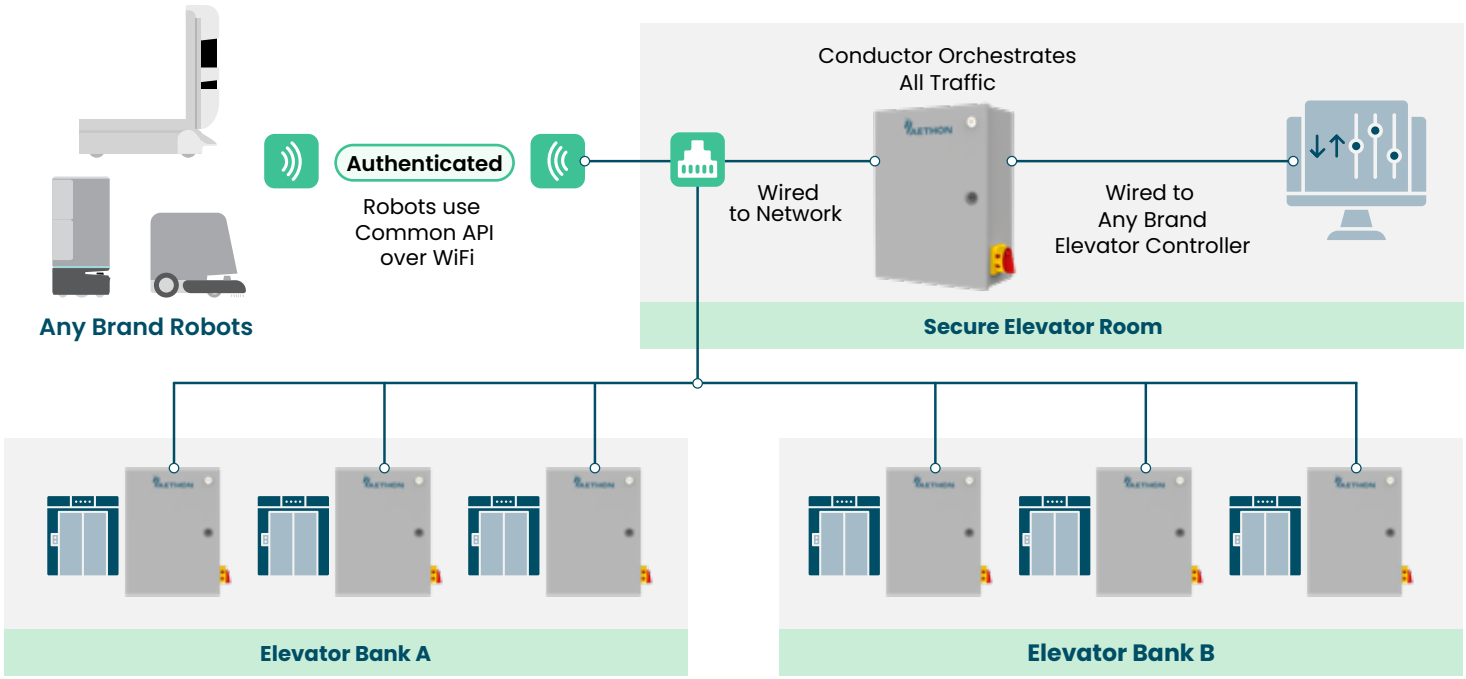
Future-proof your investment for what's ahead





One Conductor For Complete Resource Orchestration

With many elevators across multiple banks transporting multiple robots, coordination with these scarce resources is a must. In this type of configurations one REI becomes the conductor and orchestrates the use of all connected elevators. **This ensures efficient elevator usage without conflicts or bottlenecks caused by competing requests.**



The Only Solution of Its Kind

Universal Elevator Interface

Compatible with nearly all elevator brands and models — backed by hundreds of successful installations.

Resource Orchestration

A single REI coordinates all robot and elevator requests to ensure efficient movement and minimize bottlenecks. **OEM APIs can't do this.**

Tested Performance

Aethon provides each robot vendor an environment to develop, test and simulate their use of the interface

Standard Robot API

One standardized API allows any authorized robot platform to communicate with any connected elevator.

Secure by Design

Internal network operation and no external internal exposure required. Authenticated, encrypted communication which meets UL 2900 cyber security standard.

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