

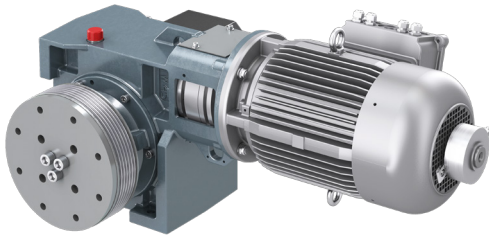
# I-POWER

MRL modernization for the ISIS 1 control system



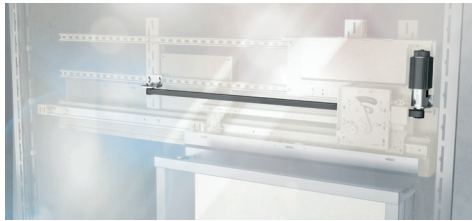
# ISIS 1 modernization solution

TK Elevator developed a modernization package for our first-generation Machine Room-Less product. Who better to upgrade your ISIS 1 control system than the manufacturer? By collecting feedback – we’ve made a package to upgrade your system while offering the highest standard of ride performance and energy efficiency.



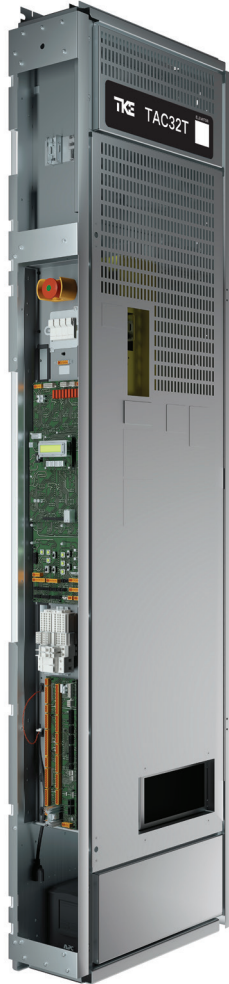
### Geared machine options

An energy-efficient, geared machine to replace your existing one. Permanent magnet AC motor only runs when elevator is in use to reduce energy consumption. It includes an auxiliary brake that prevents unintended motion and integrated velocity encoder to ensure a smooth ride.



### Universal door operator

The new linear door operator technology offers door reliability with quick and smooth door operator. This reduces the number of service calls based in malfunctioning doors.



### Controller

This microprocessor-based controller has been successfully used on thousands of elevators over many years, and is upgraded with the latest technologies.

The controller includes diagnostic capabilities and easier troubleshooting than most traction elevator controllers. It adjusts to high-traffic-demand buildings using technology that comprehends changes in patterns. It also enables quicker floor-to-floor times while load weigher technology eliminates floor stops when the elevator is fully loaded.

The controller is fully-backed by TK Elevator and integrates with our MAX predictive maintenance solution, our AGILE destination dispatch solution and our touchless elevator solutions.

## MAX prevents out-of-service elevators

With your modernization, you’ll get MAX. It’s our cloud-based predictive maintenance solution. Like a 24/7 digital partner, it continuously collects data about your elevator’s components and systems, and sends it to the cloud.

The data is analyzed, and algorithms determine when your elevator will require maintenance from our technicians. We call this predictive maintenance. It’s revolutionary and can reduce your elevator downtime by up to 50 percent.

# Improved passenger experiences

## A Hall stations

A sleek hall indicator/position indicator combination that can be mounted in your hallway or lobby.

## B Button types

We offer a wide variety of pushbutton styles to coordinate with your building's décor. Each metal button is available in brushed or polished bronze and stainless steel. These have brilliant LED illumination for extended life span. LED illumination is available in blue, white or red. Vandal-resistant options are available.

## C Car operating panels

Choose from a variety of attractive panel options that contain buttons and key switches necessary for operation.

Mounted inside the car, the car operating panel (COP) includes:

- Call register (floor) pushbuttons
- Door Open and Door Close
- Alarm
- Emergency Stop
- Any other buttons or key switches required for operation

## D Position indicators and hall lanterns

A light fixture mounted in the hallway provides visual and audible indication that a car is about to arrive and the travel direction when it leaves.



Enhance efficiency.  
Reduce traffic.

Upgrade your elevators — and your building — by adding AGILE. It combines technologies that give passengers more efficient elevator experiences and reduce building traffic.

Optimize your elevator performance and demands with management center software. Survey traffic, disable and enable operation, view status and control access to certain floors at specified times. Generate summaries displaying a range of elevator performance statistics and use this data to make smarter decisions.

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