Closed-Loop Door Modernization

The Amtech Closed-Loop Door Modernization provides consistent, smooth door operation.

Modernizing doors with closed-loop control
Amtech's closed-loop control compensates for variations that may cause doors to operate inconsistently.

It is self-correcting and adjusts, so wind and temperature changes or even minor debris won't hamper the doors.

It provides smooth, consistent operation regardless of their weight. You'll see the same great operation on every set of doors, whether they are heavy, bronze-clad doors or lightweight doors.

Closing the loop
The closed-loop control constantly monitors the speed and position of the elevator doors, and compares this data to pre-defined opening and closing profiles. This constant monitoring of both position and velocity is "closing the loop" on the system. It works like a car's cruise control — you set a particular speed and it adjusts the gas to ensure the car travels at the desired speed.

Cost effective
Amtech's closed-loop control can be an economical way to modernize doors. You can retain durable and reliable equipment while replacing just the existing door controller. There's no need to replace the entire door operator — just the existing electro-mechanical door controls.

Code compliant
Closed-loop control has standard opening and closing profile settings so doors operate consistently within code limits. Yet the system may be adjusted to meet preferences within those limits.

Improved performance Door performance can be improved significantly. Some installations show as much as a 46 percent improvement in door-opening performance — from 3.0 seconds to 1.6 seconds. In many cases, door performance is key to overall system performance.

PERFORMANCE
RELIABLE

