



# Occupant Evacuation Operation (OEO)

## Smarter, Safer Elevator Evacuation

In compliance with ASME A17.1-2022 requirements.

### What is OEO?

Occupant Evacuation Operation (OEO) is a life-safety innovation that keeps designated elevators in service during fire events, transporting people safely to the lobby while working in sync with the building's Fire Alarm System (FAS).

Depending on the smoke signal, OEO can be activated for a specific evacuation zone or for the entire building, ensuring the right response for every situation.

Unlike traditional shutdown, OEO reduces stairwell congestion, speeds up evacuation, and prioritizes occupant safety through autonomous elevator operation without requiring firefighter assistance.



Contact our Sales Department at [sales@smartrise.us](mailto:sales@smartrise.us) to order or for more information.

Phone: 469-678-8000

Address: 1235 N. Union Bower Rd  
Irving, TX 75061

Website: [SMARTRISE.US](http://SMARTRISE.US)



## How It Works



### Automatic or Manual Activation

Triggered by smoke signals or manually initiated through the FAS.



### Safety First

Always overridden by firefighter service or higher-priority emergency modes.



### Smart Dispatching

Moves people safely from the fire floor and beyond, whether in a zone or full-building evacuation.



### Seamless Integration

Exchanges real-time data with the FAS via the Data Acquisition Device (DAD).



### Dedicated OEO Elevator

Transports occupants floor by floor to the lobby.

## Key Benefits



Faster, safer evacuations in high-rise buildings



Clear occupant instructions with in-car and lobby signals.



Easy testing tools to simulate smoke events without triggering live alarms.



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