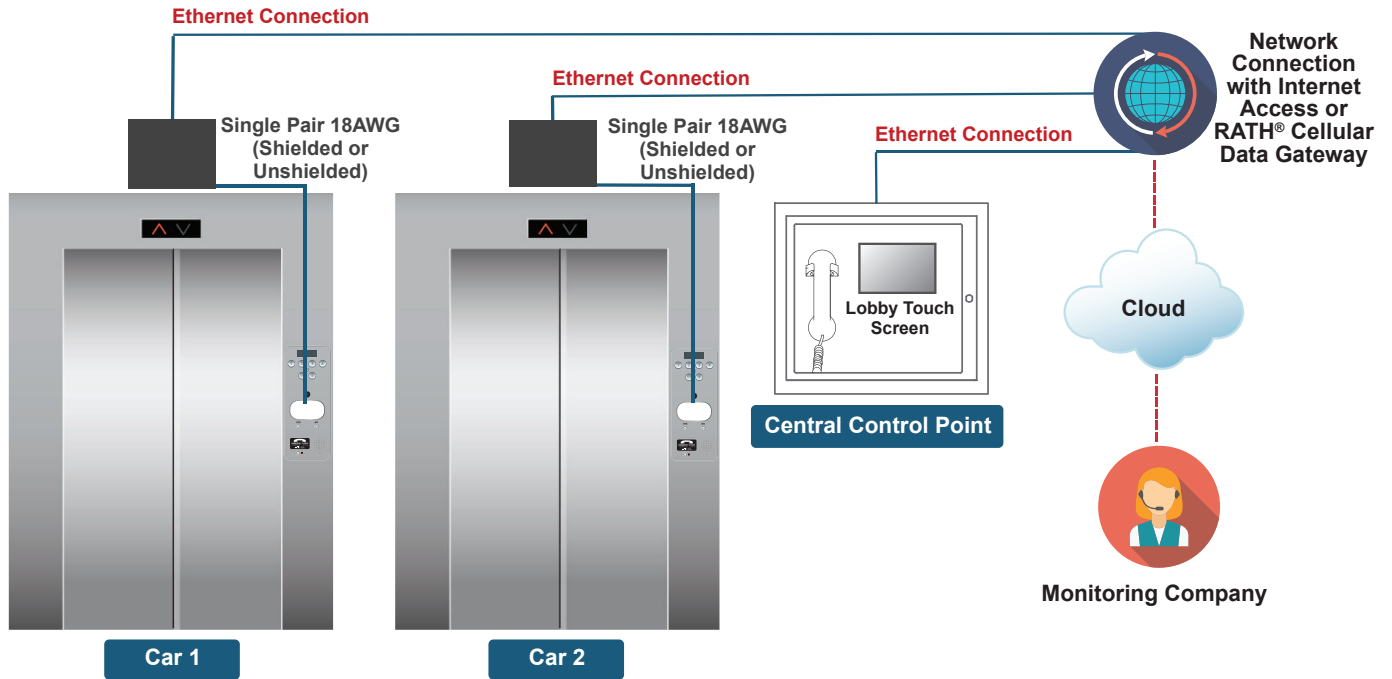


RATH® SmartView Visual Communication

The RATH® Two-Way Elevator Visual Communication System is designed to meet the ASME A17.1 and B44 2019 code requirements for visual communication. It also meets the requirements for IBC 2018. Our visual system provides a secure connection to our cloud software and allows for easy monitoring of the system. The monitoring company is able to receive a standard elevator call, and, if no answer, utilize our system to view the elevator. If the elevator car is occupied the monitoring company can then send a text type message to the display in the car and receive a Yes/No response.

System Diagram



Requirement	Intent	SmartView System
Standard Elevator Phone	For passengers who are able to communicate verbally with emergency personnel.	Met through traditional elevator phone system.
Display	If a passenger is not able to verbally respond, emergency personnel can post a message on the display in the car.	Messages are posted in real-time on dedicated display or CE Elite PI Display.
Message Response	Ability to provide a YES/NO response back to emergency personnel.	Passengers can press YES/NO responses back to operator via dedicated YES/NO push buttons or door open and close push buttons.
One-Way Video	Emergency personnel can view the elevator car to see if someone is in the elevator who cannot verbally respond.	Live encrypted video of elevator interior available to remote monitoring station in building and/or master station.

Contractor Requirements

- Single pair 18AWG (shielded or unshielded) wire per elevator in the traveling cable
- Internet access via direct network connection or cellular (cellular available from RATH®)
- 1 Pair Ethernet Extenders per elevator (available from RATH®)
- Laptop for system setup and test



Elevator Car



Hello,
This is the Operator.
Are you OK?
Use yes/no buttons
below to respond.

YES NO

Monitoring Company



- A17.1/B44 2019 code compliant
- Meets requirements of IBC 2018
- Live video of elevator interior
- Works with any elevator phone
- Access system from master station and monitoring persons