

IMPULSE+

DOVER IMPULSE DIRECT REPLACEMENT



IMPULSE+

CAR OPERATING PANEL RETROFIT KIT

The **Impulse+** retrofit kit is designed as a drop-in replacement for the Dover Impulse hydraulic elevator fixture. It offers a turnkey solution that improves the look of your elevator while increasing its reliability.



Impulse Fixture pushbutton



BS Classic Series pushbutton with Julius surround

OPTIONS

Illumination



Red



Blue



White

Tactile



Julius Tactile and surround

Upgrade



BP & BS Series

Plate Finish



#4, Stainless Steel. Other finishes available.



Quick 1 Day Installation



Designed to fit into the existing back box/front return



Position Indicator upgrade available



Fire Service Cabinet available to comply with required code (Surface Mount/ Cabinet)



Wide variety of Key Switches available



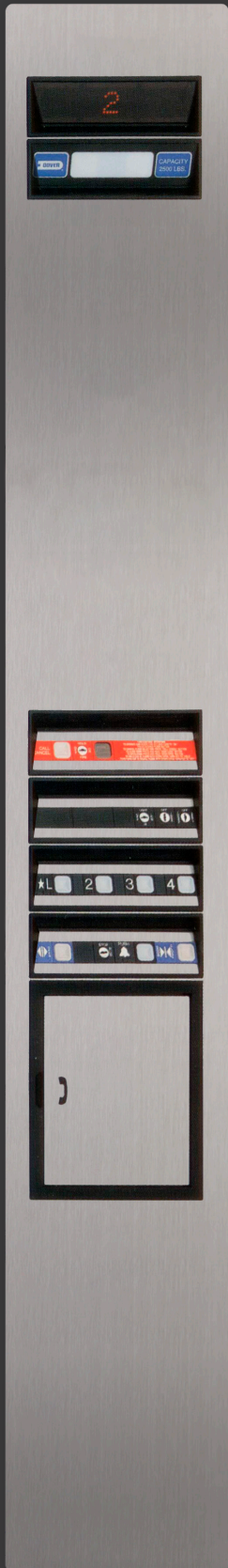
Card Reader provision available. Includes lens and mounting bracket that will accommodate most card readers

Forget those plastic unlit buttons!

With Vandal proof stainless steel pressel and BS pushbutton, you can expect a life of usage up to 1,500,000 activations.

Years of worry-free use even in the most adverse conditions.

Out with the old, in with the New.



Before



After

Position Indicator— 7" or 10" Giotto PI. This fully customizable digital screen can incorporate additional icons and elevator related information. Digital signage also available.

Emergency Light— Charger and battery pack are standard on all fixtures and meet required CSA and ASME codes.

Engravings— Either in English, Spanish, French, or bilingual

Fire Service Cabinet— Available to comply with required code (Surface Mount/ Cabinet).

Key Switches— A wide variety of functions are available. Installation plate available for ease of modernization in future.

Pushbuttons— The Impulse+ kit is designed around the BP and BS Series Vandal proof pushbutton with Julius surround. Illumination is available in Red and Blue. Tactiles are ADA compliant and are brushed Stainless on Black. Contact blocks are rated for the required voltage of the DMC-1 or WRC controller.

Autodialer— Hands-free and ADA Compliant

COP is made of Stainless Steel with a brushed finish. Other materials and finishes are available by special order.

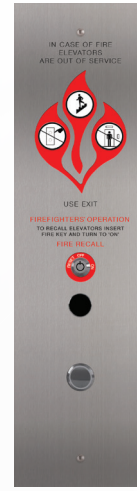
Shown: SS#4 COP with 7" Giotto PI, BS Classic pushbutton, Julius surface mount tactile and surround, 2000 code with surface mount service key switches.



Hall Position Indicators with and without arrows. Standard and custom graphics shown.

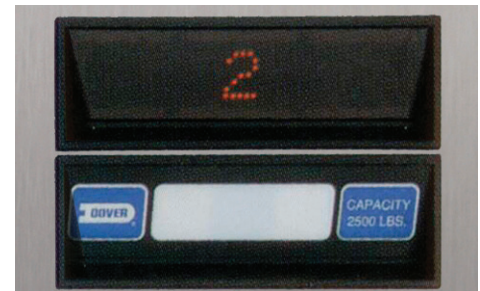


Vandal and ADA In Car Riding Lantern. Both options come with chimes.

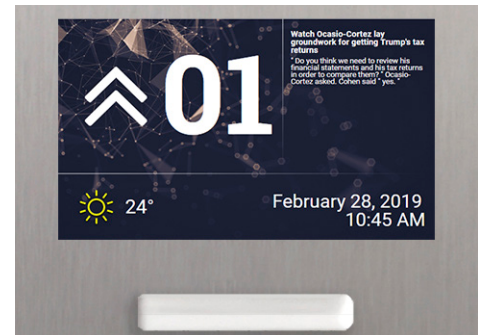


Hall Terminals with and without Fire Service

Upgrade your Upgrade even further with a new elevator interior or screen.



Before Impulse+ retrofit



10" MosaicONE Matisse PI

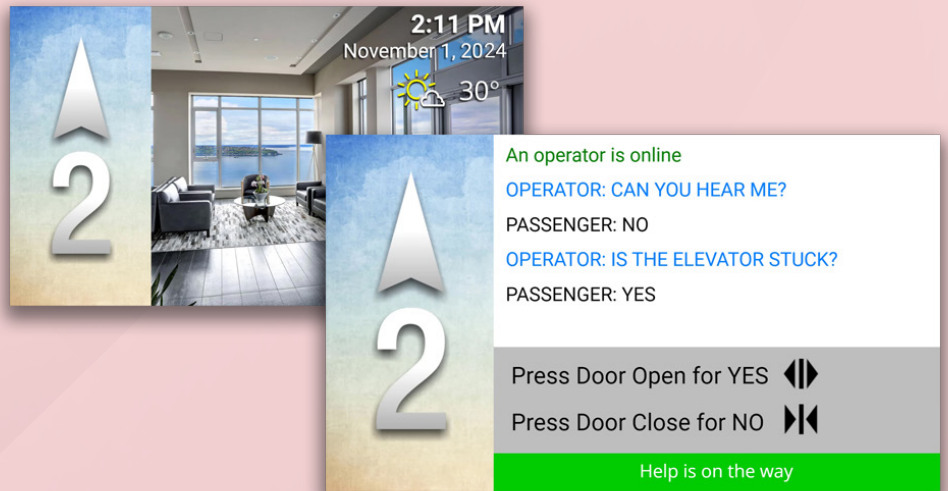
Design your own elevator interior at config.madelevator.com or contact us to get started!

MosaicONE VMS

VIDEO & MESSAGING SYSTEM

The Dover retrofit can be upgraded with the **MosaicONE Video & Messaging System** to comply with the elevator emergency communication code change. VMS is a complete, cloud native, fully secure, ASME A17.1/ B44 2019 code compliant system; it uses the same screen for Position Indicator, digital signage/infotainment and emergency communication.

All systems are pre-configured in the MAD factory. Simply connect the COP to power and Internet, and you're up and running.



Key Benefits

- Uses the Position Indicator as the in-car two-way text messaging screen. Additional screen not required.
- Fully secure: end-to-end encryption, no open ports.
- Complete System: no additional components needed, includes 4 hour battery backup.
- Elevator phone agnostic: works with any elevator phone or intercom system.
- Comprehensive "Line Monitoring" ensures all devices are communicating and external connections are up.

Premium Features

- MosaicONE Self Managed Digital Signage on same screen – or enable curated infotainment feeds to make it easy for the building to manage.
- Emergency Broadcast: post emergency messages on any screens within seconds to notify passengers of an emergency situation.
- Backup of security footage from in-car cameras.
- Notifications: online and via email of line monitoring, device health, and other statuses.

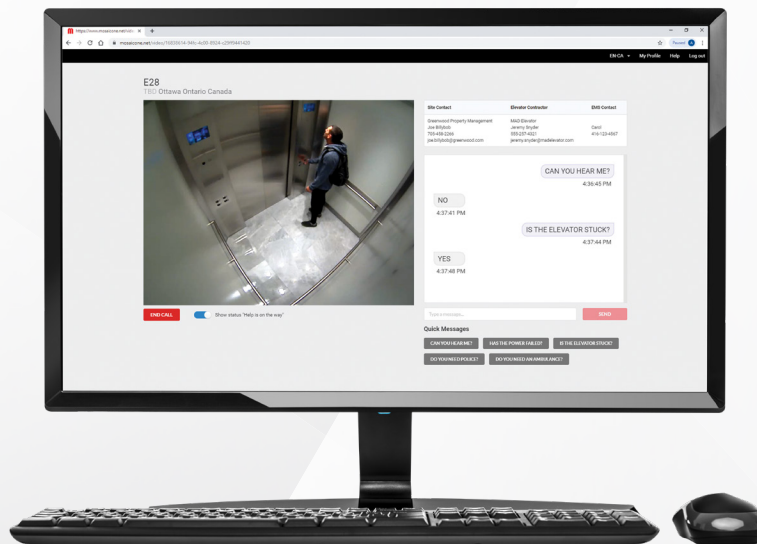
How the System Works

External Monitoring

- The system monitors the phone/help button through a second contact.
- When the passengers press the button, the system sees the “press” and notifies the MosaicONE Cloud.
- MosaicONE flags the request and waits for an attendant/monitoring station to connect to the system.
- When the attendant/monitoring station accepts the request, an encrypted tunnel between the monitoring station PC and the elevator is created. This can be done either through a predefined link, link sent via email, a web portal using phone-specified audio code, or in MosaicONE call center software.
- Through this tunnel, video and messages are transmitted between elevator and monitoring station.

>60ft Solution / Internal Monitoring

- On-site personnel can access the system through a local interface for buildings taller than 60ft without external Internet connection.
- On-site personnel can view all elevators and interact via touchscreen when located at FCC or lobby location for Emergency Responders. Fireman can use system with gloved hand.
- On-site Security location can interact via a dedicated computer.
- Live video of all elevators available to view at quick glance to assess the entire situation quickly and efficiently.



✉ sales@madelevator.com

☎ 1 (866) 967-8500

🌐 madelevator.com

The information in this document has been provided to showcase the retrofit of the Dover Impulse fixture. Actual product colors, finishes and specifications may vary from graphical representations. MAD Elevator does not guarantee that the information in this document is applicable to all jurisdictions; please verify all details pertaining to your installation.