

#### Modernization

## Gen3<sup>™</sup> MOD

**ELEVATOR MODERNIZATION SOLUTIONS** 

### Why modernize with Otis now?



#### ENHANCE SAFETY

Upgrade your system to the latest safety standards and regulations. At Otis, safety is always first.



#### **IMPROVE PERFORMANCE & RELIABILITY**

Minimize shutdowns and increase the availability of your elevator. With Otis, you gain access to cutting-edge and connected solutions.



#### MINIMIZE THE UNEXPECTED

Control the pace, cost and planning of your project thanks to our proven experience.



#### **BOOST SUSTAINABILITY**

Manage your impact on the environment by increasing efficiency and reducing energy consumption thanks to our wide range of packages tailored to your buildings' needs.

#### BRING PASSENGER EXPERIENCE TO THE NEXT LEVEL

Increase the appeal of your property and provide shorter waiting times and more comfortable, accessible, connected journeys thanks to our wide range of contemporary aesthetics and advanced technologies.



### **Explore the benefits** of the Gen3<sup>™</sup> MOD solution

Our Gen3 MOD solution enhances safety, improves performance and reliability, minimizes the unexpected, boosts sustainability and brings passenger experience to the next level.





**ENHANCE** SAFETY

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Reduce tripping hazards while entering and exiting the elevator with +/- 6mm stopping accuracy.

Provide constant monitoring of the system in real time via the Otis ONE<sup>™</sup> digital platform.

Detect passengers and prevent doors from closing via door detectors with an infrared safety zone.





Receive real-time data insights and access remote services (where available).

Minimize unexpected outages and

electronic control system and a gearless

obsolescence issues with a new

**IMPROVE PERFORMANCE** 

AND RELIABILITY

machine.

**Experience state-of-the-art** polyurethane coated steel belts, which are three times longer-lasting and 20% lighter than conventional ropes.



#### A new level of connectivity

**Otis ONE<sup>™</sup>** is our IoT solution that connects your Otis and/or non-Otis elevators to the cloud to deliver a seamless passenger experience. From real-time data insights to remote services, enhance your building's performance.



#### **MINIMIZE THE UNEXPECTED**

Plan your budget with our experts from the earliest stages of capital planning to ongoing operations.



Reduce execution downtime while getting the most effective technical solution.



Minimize disruption during modernization with our expert installers and standard packages configured to meet your specific building needs.



#### BOOST **SUSTAINABILITY**

Reduce energy consumption up to 50% vs. legacy non-regenerative geared systems and up to 75% vs. hydraulic ones, with our ReGen<sup>™</sup> drive and Gen3 MOD technology.



Remove the need for oil with our coated steel belt design.





#### **BRING PASSENGER EXPERIENCE** TO THE NEXT LEVEL

**Delight passengers** with various aesthetics and accessibility features.

Provide easy travel & shorter wait times thanks to our intelligent dispatch system.



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**Reduce vibration** (up to 12%) and noise in the car (up to 52%) compared to conventional geared systems.





### The right partner with the right solutions

Our Plus and Pro replacement packages let you decide how to upgrade your building.



### **Gen3™ MOD Plus Package**

This package provides a replacement of the elevator's key components and includes: a connected control system, a gearless machine, suspension belts and our ReGen<sup>™</sup> drive.

#### **Standard Upgrades**

- 1 Controller with Otis ONE<sup>™</sup> IoT and ReGen drive
- In-car control panel
- 4 Landing fixtures and hall signage
- ④ Gearless machine & Pulse<sup>™</sup> electronic system
- 5 Belts with car and counterweight interfaces
- 6 Overspeed governor
- 🔶 Car door operator

#### **Key Options**



• Car interior (panel, ceiling, floor)

Ocompass<sup>®</sup> 360 destination management system





#### Discover a smarter way to modernize

To learn more about modernization packages for your building or to request a quote visit: otis.com/mod-na

#### **Gen3<sup>™</sup> MOD Plus Key Benefits**

- Enhance safety
- Boost sustainability ٠
- Improve performance and reliability ٠



### Gen3<sup>™</sup> MOD Pro Package

#### FOR TRACTION ELEVATORS

With our Gen3 MOD Pro solution, we install most of the key components available on new equipment into your existing elevator, with minimal onsite disruption and the ability to keep the landing doors system. Additionally, our Pro solution allows for the replacement of non-Otis machine-roomless systems.

#### **Standard Upgrades**

# All Gen3 MOD Plus upgrades Car door operator New counterweight New safety brake and overspeed governor

Complete car door system

Complete car, including new interior

New guiderails & brackets

#### Key Options

8 eView<sup>™</sup> in-car display

Compass<sup>®</sup> 360 destination management system

- Landing door control (roller and rails)
- Keep door jamb, sill and/or existing landing doors

### Discover a smarter way to modernize

To learn more about modernization packages for your building or to request a quote visit: **otis.com/mod-na** 



#### Gen3<sup>™</sup> MOD Pro Key Benefits

- Enhance safety
- Bring passenger experience to the next level
- Minimize the unexpected

GEN3<sup>™</sup> MOD

## Hydraulic Elevator PRE MODERNIZATION





#### **Key Components Removed**

- 1 Control system & electrical wiring
- 2 Oil tank and pump
- 3 Hydraulic piston
- 4 Hydraulic pipes
- 5 Guiderails & brackets
- 6 Buffers & pit station
- 7 Complete car & car door

#### **Key Components Retained**

- 8 Machine room
- 9 Landing doors jamb, sill and panel

equipped with the latest technology.



### **Otis Modernization Solutions**

HydroFit" MOD | Gen2® MOD | Gen3" MOD | Arise" MOD | SkyRise" MOD | Link" MOD

## OTIS

Otis gives people freedom to connect and thrive in a taller, faster, smarter world. The global leader in the manufacture, installation and servicing of elevators and escalators, we move 2.3 billion people a day and maintain approximately 2.3 million customer units worldwide – the industry's largest Service portfolio.

You'll find us in the world's most iconic structures, as well as residential and commercial buildings, transportation hubs and everywhere people are on the move.

Headquartered in Connecticut, USA, Otis is 71,000 people strong, including 42,000 field professionals, all committed to meeting the diverse needs of our customers and passengers in more than 200 countries and territories. To learn more, visit www.otis.com and follow us on LinkedIn, Instagram and Facebook @OtisElevatorCo.



Visuals are for illustrational purposes only, components and their position may vary depending on installation and location.

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