


GEN2® MOD



# A second breath for your elevator

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**OTIS**

# Don't get left behind

The world is turning, and you need to keep up. Safety standards are improving, environmental standards are tightening, and passenger expectations are changing – whether you are changing with them or not. Don't wait for your costs to increase as you struggle to maintain, service, and scrounge parts for aging elevator equipment.

It's time for a change.



## BREATHE NEW LIFE INTO YOUR ELEVATOR

- +** INCREASE SAFETY
- +** ELIMINATE SHUTDOWNS
- +** COMPLY WITH THE LATEST CODE REQUIREMENTS
- +** IMPROVE PASSENGER EXPERIENCE
- +** SAVE ENERGY AND REDUCE OPERATING COSTS
- +** BENEFIT FROM IoT WITH PREDICTIVE MAINTENANCE
- +** TAKE BACK MACHINE ROOM SPACE

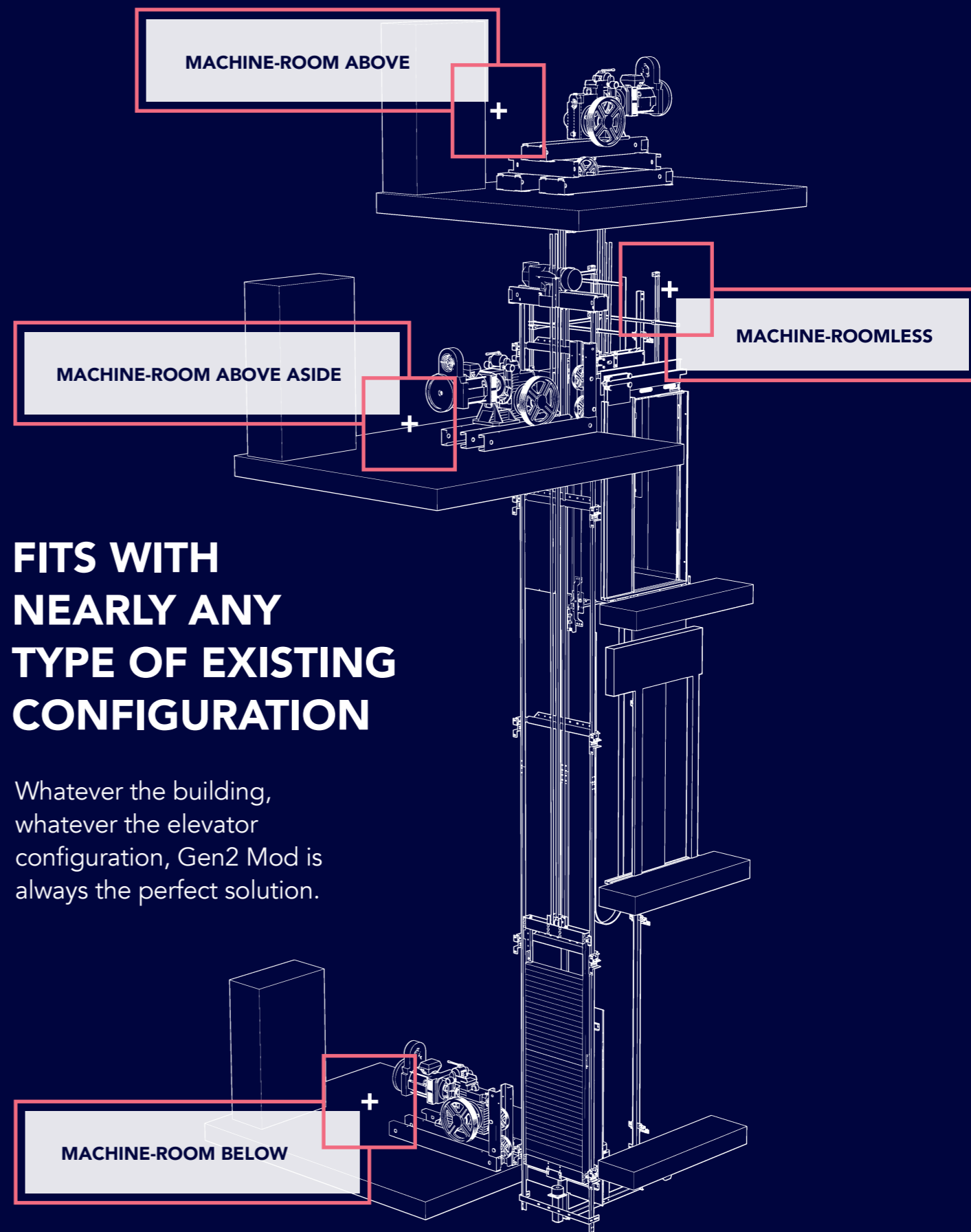
# The future awaits



No matter the building, our Gen2® Mod offers a custom solution tailored to fit even the most challenging framework conditions, allowing you to transform old elevators into a state-of-the-art transportation unit.

Gen2 Mod by Otis is designed to fit almost any traction elevator configuration, regardless of component arrangement or machine room location.

Our sales and installation team are among the best in the business, and are guaranteed to provide you with a turnkey solution beyond your expectations.



# Time for a generation change

With Gen2 Mod you are only one small step away from entering the next generation of elevators.

Stiff steel rope systems are replaced by flexible coated belts for a smooth and quiet ride, while a space-saving propulsion system and regenerative drive ensure high energy efficiency. What's more, the unique belt monitoring system provides precise diagnosis of the belts' integrity, giving you an optimized life cycle and a peace of mind.

The next generation is here:  
and you'll have an elevator to match.



## **SMOOTH AND SILENT RIDE**

Gen2 Mod uses patented coated steel belts instead of traditional steel ropes, offering a ride both silent and smooth. Gen2 Mod belts require no lubrication, yet still last up to three times longer than conventional steel ropes.



## **ROBUST AND RELIABLE**

The gearless machine incorporates fewer moving parts for a compact, robust design. With traction sheaves as small as 8 cm in diameter, our belt systems offer reduced inertia and lower power consumption.



## **UNIQUE LEVEL OF SAFETY**

The PULSE system monitors the belts 24/7 to diagnose belt replacement far in advance, ensuring the optimal belt life cycle – and eliminating the need to replace belts preventively like steel ropes. This does more than reduce operating costs and elevator downtime, it also gives you peace of mind.



## **GREEN ENERGY**

With its ReGen™ Drive your modernized elevator doesn't simply consume less energy, its regenerative technology actually produces energy, which is fed back into your building's grid and can be used by other consumers.



## **COST AND ENERGY SAVINGS**

Our sophisticated control system reduces energy consumption in standby mode to the bare minimum. Switching back into operating mode happens at the push of a button, with no delay.



## **STOPPING ACCURACY**

Optimized ride comfort and precise stopping accuracy are guaranteed, regardless of the load on the car – that translates into drastically reduced stumbling risk.

# When space matters

20 years ago the “machine-roomless” elevator conquered the market in new construction. Otis now offers you a standard machine room-less solution as part of modernization projects, allowing you to recover space in existing buildings, regardless of configuration.



# Green power? No power? No problem

The Switch option uses a battery continuously charged by a simple single-phase outlet to power the elevator drive in case of both normal operation and outage. This makes it predestinated for alternative energy sources as well, including wind and solar. With an intelligent charging system that keeps the battery at optimal levels for long life, the Switch option ensures that your elevator works, even when the power doesn't.



## MACHINE-ROOMLESS

Gen2 technology eliminates the need for a machine room, allowing you to keep elevator equipment streamlined while reclaiming precious space.



## MACHINE-ROOM

Flexible configuration options can also support incorporating a classic machine room, allowing you to make use of existing space, but with greater efficiency.



## SAFER WHEN POWER FAILS

Get up to 100 trips on battery power only, with a transition so smooth your users will never notice the difference.



## GREEN-ENERGY COMPATIBLE

With 230V single phase technology, the Gen2 Switch technology is 100% compatible with alternative energy sources like solar panels or wind turbines.

# Minimum downtime for maximum satisfaction

With the Otis Sales Installation Process, our expert sales and technical staff follow a workflow perfected through years of experience and countless customers, guaranteeing you a seamless process from signing to handover.

For unmatched comfort and reliability Otis designed the Gen2 Chrono, an installation method to rejuvenate your elevator in record time.

## Safe time and money with Gen2 Chrono

**70%**

**FASTER INSTALLATION**  
than traditional methods

Gen2 Chrono  
**6 - 8 days downtime**

Traditional methods  
**21 - 28 days downtime**

**+ REDUCED DOWNTIME**  
Use smart installation to ensure a quick return to service.

**+ CONVENIENCE FOR TENANTS**  
Avoid the hassle and constraints of endless renovations.

**+ LOWER ADDITIONAL COSTS**  
Minimize extra costs for tenants whose mobility depends on the elevator.

# Made in Europe — Made by Otis

Our designs come to life at our ISO-certified factories. With our wide range of products, we're able to meet the diverse needs of the most demanding customers and passengers.

Wherever you are, you can count on absolute consistency when it comes to quality, safety, and style. That's the commitment of our engineering and manufacturing centers around Europe.

ISO 9001  
ISO 14001

**STANDARD-DRIVEN PROCESSES, CERTIFIED**



**EUROPEAN ENGINEERING AND MANUFACTURING**



**SKILLED PEOPLE**



**SUSTAINABLE QUALITY**

**BERLIN (GERMANY)**  
Controller and electronic components

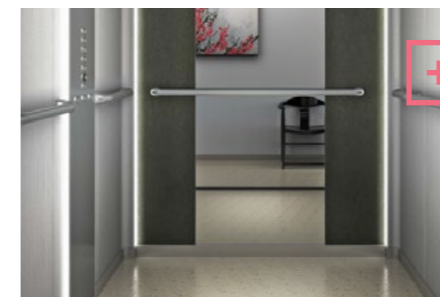
**BŘECLAV (CZECH REP.)**  
New escalators, elevators and escalators modernization packages

**MADRID (SPAIN)**  
New elevators and modernization packages

**GIEN (FRANCE)**  
New elevators and modernization packages

# The features that make the difference

An Otis elevator does more than move you from floor to floor – it creates experiences. Complete the rejuvenation of your elevator by modernizing your other components with the sharpest technology and hottest aesthetics.



## A NEW LOOK FOR YOUR ELEVATOR

Upgrade your elevator with a refreshed design drawing from our full gallery of styles.



## DOOR OPERATOR

Make your elevator more reliable by eliminating the root cause for the majority of callbacks on old elevators.



## EASY & FAST ELEVATOR DOOR MODERNIZATION

Switching from old manual swing doors to new automatic doors means improved accessibility and comfort that everybody can enjoy.



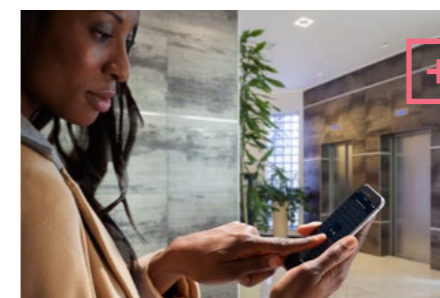
## COMPASSPLUS®

Optimize your elevator's haul capacity and passenger flow with smart destination entry.



## ONECALL™

The OneCall™ destination entry keypad reduces hall and floor calls to the push of a single button.



## ECALL®

No need to waste valuable time waiting for the elevator – now you can call it from your mobile, so it's ready and waiting when you arrive.

# We digitalize your elevator

## SMART DATA

Our predictive models assign elevator health scores and detects problems before symptoms arise, enabling the mechanic to arrive prepared with the right tools & diagnosis thus avoiding unexpected shutdowns.

## ONE STOP SHOP

We replace analogue landlines by/with VoIP, and manage your connectivity contracts.

## EVIEW

Universal in-car infotainment display to bring your elevator experience to the next level. Feel safe with bi-directional video link to call center in case of entrapment. Inform and entertain your passengers with local and customized news.



# Signature service

Signature Service is more than a promise, it is bringing you the best service, beyond expectations, tailored to you.

- + INTELLIGENT PRODUCTS**  
We turn data into action for greater uptime and reliability.
- + TRANSPARENT COMMUNICATION**  
We share real-time information in a way that's tailored to you.
- + PERSONALIZED EXPERIENCE**  
We put you and your passengers at the center of everything we do.
- + CULTURE OF COMMITMENT**  
We stand for quality & safety and we're investing in the future.

**We are Otis – and Service is our Signature.**





— Otis Elevator Company is the world's leading manufacturer and maintainer of elevators, escalators and moving walkways.

Founded more than 165 years ago by the inventor of the safety elevator, Otis offers products and services through its companies in more than 200 countries and territories, and maintains approximately 2 million elevators and escalators worldwide. Every day, Otis moves more than 2 billion people through the world's urban landscapes.

Otis is a unit of United Technologies Corporation (UTC), a leader in the global building systems and aerospace industries.

For more information, visit [www.otis.com](http://www.otis.com) or follow Otis on LinkedIn, YouTube and as @OtisElevatorCo on Twitter, Facebook and Instagram.