

CompassPlus™

Destination Management System

OTIS



Efficient motion



THE WAY TO GREEN™



INTUITIVE



VERSATILE



EFFICIENT



SUSTAINABLE



Designed and engineered for swift, smooth elevator service in high-rise residential and commercial buildings.

Our most advanced destination management system, designed to enhance your building.

One product. Infinite possibilities.

CompassPlus™
Destination Management System



INTUITIVE

Thoughtful attention to detail makes the CompassPlus system feel just right.

1 Enter your destination.

2 Receive your elevator assignment.

3 Follow the direction to your assigned elevator.



Intuitive

CompassPlus fixtures are easy to use and provide passengers with efficient movement throughout the building.

Accessible to all

One "Click & Go" button means access for all. Access alternative methods of requesting destinations with just one click.

The right angle

Otis works with ergonomics specialists to deliver fixtures that are positioned at just the right angle for maximum comfort.

Easy to use



INTUITIVE

The CompassPlus System is a virtual concierge – intuitive screens guide passengers smoothly through their journey and provide customized service for all needs.



Welcome screen



Keypad or Floors screen



Directory screen



Popular Locations screen



Restricted Locations screen



Time screen

Smart orientation

Easy-to-read arrows on screen displays show passengers which direction to head for their elevator.



Understood from the start

First-time visitors are assisted by welcome screens that help them interact with the system.

Fast navigation

Icons make popular building destinations easier to recognize and an easy-to-navigate directory helps passengers search for destinations quickly.

Priority service

The virtual concierge interface smoothly handles priority situations, such as assigning a dedicated car for special groups to keep everyone together or giving priority to express runs for VIP passengers or building maintenance crews.

A screen for every situation

Screens adapt information displays based on time-of-day, showing popular destinations during rush hours and security restrictions at night.

Concierge service



VERSATILE

The CompassPlus system helps manage people streams and brings a refined, cohesive look to your lobby.

A consistent look

High-quality, durable aluminum fixtures share a consistent design, delivering a polished look in black or silver.



Touch-capable keypad

Touchpad

Touchscreen

1



A A 2

2

B B

3



1 Seeing the light

Backlit buttons in customizable colors are easy to see in any environment.

2 Smart signs

Choose between static signs or dynamic LED backlit signs with color-coded blinking signals to guide passengers to the right elevators.

3 Flexible mounting

All fixtures can be wall-mounted or integrated into kiosks to adapt to building lobbies and architecture.

Modern aesthetics



VERSATILE

Easy security integration

The CompassPlus system can be integrated with any available third-party building security system. Fixtures can host a security ID reader, saving installation costs for separate readers.



Personalization at your fingertips

The "Create" software offers a wide range of templates to suit a variety of building designs. Use the templates for design basics then tweak the details to meet your needs.



Make it yours

Easily customize buttons, fonts, colors, messages, backgrounds or images displayed to fit any building environment.



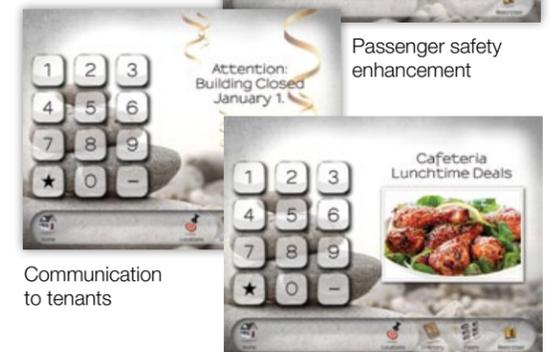
Evening "down" traffic needs Lunch time quick choice Corporate dispatching

Customized messages

Customize passenger information screens to change hourly, daily, weekly or for holidays. Messages can be adapted to show building information like security restrictions or offer advertising messages for commercial tenants.



Company branding and visitor orientation



Communication to tenants

Passenger safety enhancement

Time-based advertising

Flexible solutions



E F F I C I E N T

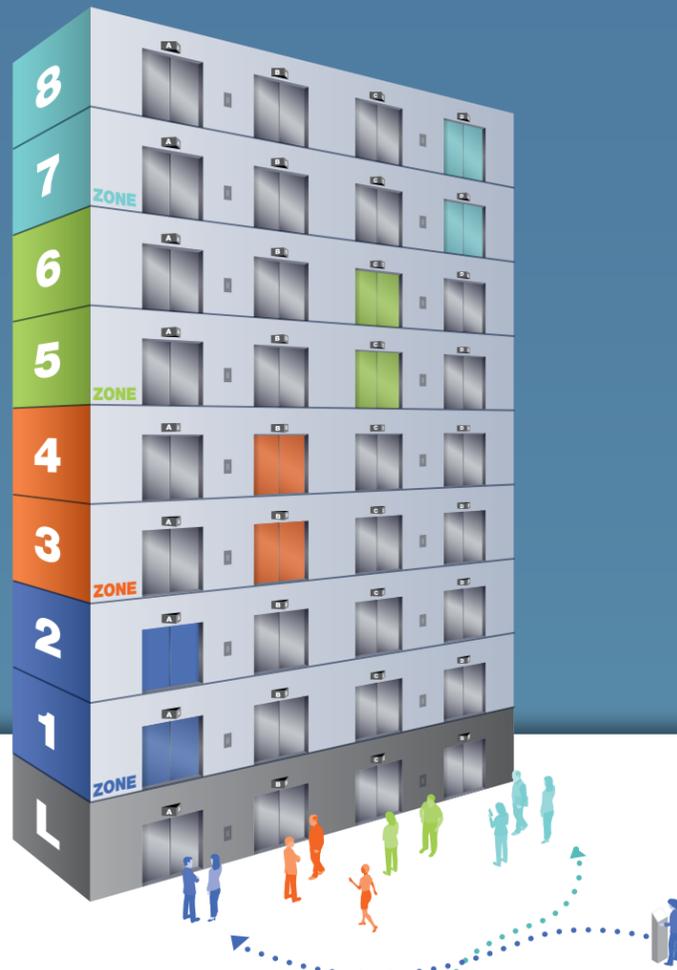
Innovative technology

CompassPlus moves people more efficiently by taking grouping to the next level.



Conventional up/down button systems let passengers choose their own elevators. This results in disorganized travel paths. One elevator may stop at widely separated floors or multiple elevators might stop at the same floor.

Conventional destination management systems assign passengers going to the same destination to the same elevator. Elevators stop at fewer floors, but two elevators may still have overlapping stops.



SmartGrouping

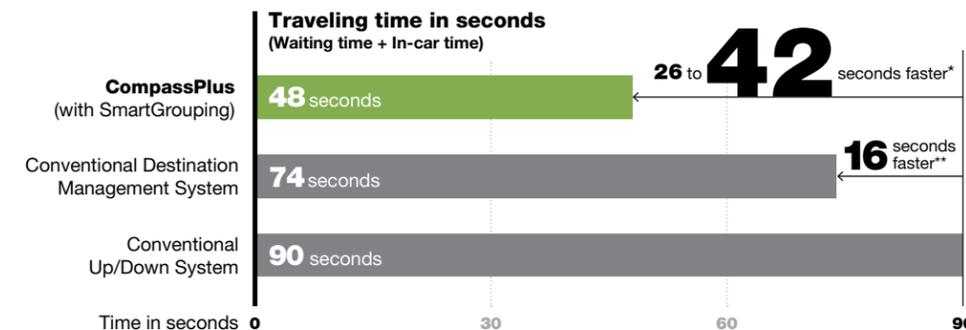
Otis' patented SmartGrouping technology organizes travel by grouping both passengers **and** stops. Passengers going to the same destination are assigned to the same elevator. But SmartGrouping also assigns elevators to serve a group of floors, or a zone. The result is faster, better-organized service.

Up to 50% faster

than conventional destination management systems

Get there faster

This case study shows that CompassPlus gets passengers to their destinations faster than other conventional elevator systems.



Office building
Rise: 15 floors/42m
Floor height: 3m
Population: 1400 people
Occupancy: 100 per floor
Configuration: 6 elevators group
Specs: 1600kg/4mps

*Compared to Conventional Destination Management System or Conventional Up/Down System
**Compared to Conventional Up/Down System



Smarter

CompassPlus offers a smarter approach to efficient elevator management by combining artificial intelligence and fuzzy logic algorithms to reduce long waits and anticipate long walks to the car.

Keep it moving

CompassPlus constantly tracks traffic flow and intensity, identifying journey patterns and peak periods, to respond to passenger demand.

Light traffic

The CompassPlus dispatcher saves energy during periods of light traffic by putting some elevators on standby, while still maintaining a high level of passenger comfort.

Rush hours

When a rush hour is detected, like a morning “up” peak or an evening “down” peak, SmartGrouping is activated and CompassPlus continuously adapts service zones to meet traffic demands.

Two-way control

During peak periods the system continuously adapts elevator service zones to traffic demands. CompassPlus algorithms match “up” and “down” stops, group stops at nearby floors, and create more express runs.

Ready for it all

Whether it’s handling VIP requests, allocating a car to a group of passengers, resolving nuisance requests like “ghost” riders who request a car but never board, or managing passengers who call a car repeatedly, CompassPlus has a solution for any situation.

Smooth transitions

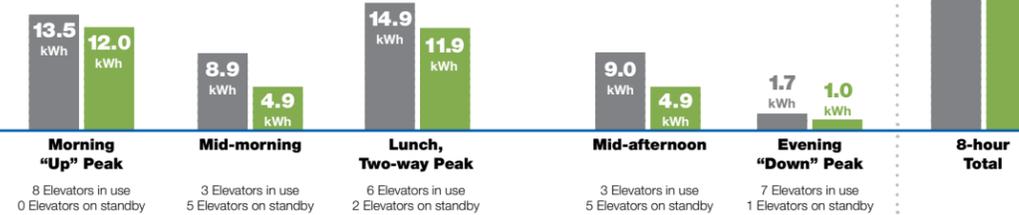


Standby savings

The CompassPlus system avoids wasting energy by matching resources to demand. When passenger traffic is light, the CompassPlus system automatically moves some elevators to standby. And fixtures automatically transition to sleep mode when they aren't used for a pre-set time interval.

ENERGY CONSUMPTION COMPARISON

■ Conventional destination dispatching
■ CompassPlus



27% savings

Certifiable savings

The energy-saving features of the CompassPlus system can help buildings achieve Building Research Establishment Environmental Assessment Method (BREEAM) certification and Leadership in Energy and Environmental Design (LEED) certification. Turn to the back cover to learn more about Otis' commitment to sustainability through The Way To Green journey.

Peak performance

Otis' patented SmartGrouping of passengers and stops means shorter distances to travel and less acceleration between stops. This reduces elevator power demands in peak traffic periods.

Central command

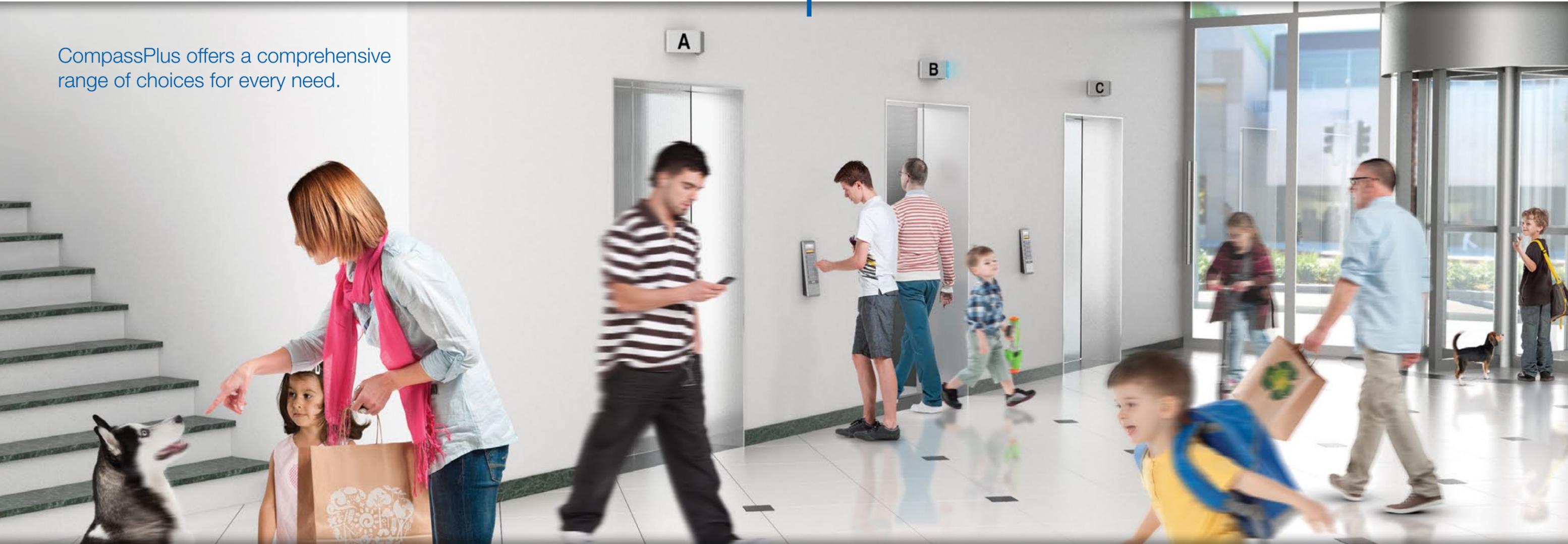
Centralized computer architecture reduces power loads. It's more efficient than giving each screen display its own computer.

Get more efficient elevator operation and reduce building energy use with CompassPlus.

Less is more

Infinite possibilities

CompassPlus offers a comprehensive range of choices for every need.



Standard package

Hardware

- Dispatcher
- Fixtures
- Wiring
- Otis station

Software

- Concierge library of user interface templates
- Create software (installed on Otis station)
- Create Light software (installed on customer PC)

Personalization

- Initial configuration with one Concierge template adapted to building specifications

Additional options

Customization

- Full customization with the creation of new concierge screens
- Create software support in maintenance contract

Integration

- Integration services with third party security system
- In-fixture preinstalled card readers

Modernization

- Pre-modernization upgrades

Configurations



		Operating panel	In-car annunciators	Up/down buttons & Hall lanterns	Static signage	Dynamic signage	Touch-capable keypad	Touchpad	Touchscreen
Lobby-only	Lobby (one lobby only)				•	•	•	•	•
	Non-lobby floors			•					
	Cars	Exposed	•						
Full-building	Lobby (up to 4 consecutive lobbies)				•	•	•	•	•
	Non-lobby floors				•	•	•	•	•
	Cars	Concealed	•						



Otis

A United Technologies Company

Otis Elevator Company is the world's largest manufacturer and maintainer of people-moving products including elevators, escalators and moving walkways.

With headquarters in Farmington, Connecticut, Otis employs 60,000 people globally, offers products and services in more than 200 countries and territories and maintains over 1.7 million elevators and escalators worldwide.

United Technologies Corp., based in Hartford, Connecticut, is a diversified company providing high technology products and services to the building and aerospace industries.

Join Otis on our journey to The Way to Green

The Way to Green is about our commitment to continually moving our company and our customers forward.

CompassPlus Destination Management System and its energy-efficient features can help your building achieve Leadership in Energy and Environmental Design (LEED) and Building Research Establishment Environmental Assessment Method (BREEAM) certification.

We recognize that The Way to Green is an ongoing effort. But with the commitment of our people and our resources around the world, we know we can move our company, our suppliers and our customers closer to a shared goal of using greener products, services and solutions.