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# Lloyd 700 and Otis Elevator

# United Technologies Corporation

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Capitalizing on the technical expertise of United Technologies Corporation

Carrier

\$13.4 Billion

Air conditioning and cooling systems.

Pratt & Whitney

\$11.1 Billion

Jet engines and turbines.

Hamilton Sundstrand

\$4.9 Billion

Aerospace & industrial products.

Sikorsky Helicopters

\$3.2 Billion

The first name in helicopters!

**Otis Elevator**

\$11.8 Billion

**The world's largest elevator and escalator manufacturing, installation and service company.**

# Otis Elevator Company

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**Established in 1853**

**World's most successful elevator manufacturing and service company**

**11.8 Billion Dollars of Sales**

**Over 1,700 offices**

**68,000 employees**

**Maintain over 1,500,000 elevators and escalators**

# COMMON PASSENGER COMPLAINTS

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- I wait too long for the elevator
- I stop at every floor
- The elevator is always crowded
- I never know which elevator to go to until the last second
- Elevator reliability

# CONVENTIONAL DISPATCHING

## Conventional dispatching

1. Push “up” or “down” hall button
2. Wait in elevator lobby until car traveling in your direction arrives
3. Board car and push floor button
4. Travel to your destination

**Every car can stop at every floor on every trip...**





# Compass™

## Destination Entry System

Personalized  
Destination  
System

**OTIS**

# What is Destination Entry?

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- **Instantaneous assignment of elevators to passengers after they have registered the floor they wish to travel to.**
- **Not a new concept or dispatching system**

# COMPASS DISPATCHING

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Input specific destination –  
before boarding elevator

1. Each passenger inputs destination **before** boarding elevator
  2. Compass assigns specific car to each request
  3. Passenger boards car and travels to destination
- System groups passengers going to common or nearby floors to same car

# KEY COMPASS SYSTEM FEATURES

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Because the system knows the number of passengers waiting and their destinations before they board an elevator, the elevator system can:

1. Provide “personalized” service with immediate notification of elevator assignment
2. Groups passengers by similar destinations
3. Keeps assigned stops “close” to each other
4. Returns cars to lobby as quickly as possible

# COMPASS DISPATCHING

## Personalized service

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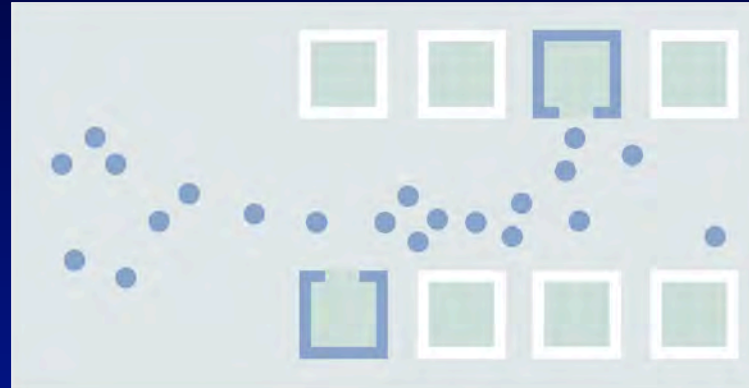


Specific car assigned to your individual request

- Board your **assigned** car in comfort rather than rush to the first available car

# Provides Orderly Car Assignment

Conventional system



Compass dispatching system



# Modernization Installation Schedule

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<b>Elevators</b>	<b>Start Date</b>	<b>Finish Date</b>
1st Elevator	07/28/2008	10/13//2008
2 <sup>nd</sup> Elevator	10/14/2008	01/05/2009
3 <sup>rd</sup> Elevator	01/06/2009	03/16/2009
4 <sup>th</sup> Elevator	03/17/2009	05/26/2009
5 <sup>th</sup> Elevator	05/27/2009	08/05/2009
6 <sup>th</sup> Elevator	08/06/2009	10/22/2009
Clean Up	10/23/2009	11/09/2009



# Compass<sup>TM</sup> dispatching

The waiting  
is over!

**OTIS**

# Luxury Position Indicators



Car Panel With Luxury Position Indicator



Luxury Position Indicator

- Convey information to tenants
- Personalize floor greetings
- Streaming video option

# Cab Ceilings & Fixtures

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New elevator ceilings with low voltage lights

