AGILE DESTINATION CONTROLS
AGILE DESTINATION CONTROLS – INSIDE AND OUT.
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WHAT IS AGILE DESTINATION CONTROLS?

AGILE Destination Controls is an advanced dispatching system that directs passengers to the elevator that will get them to their destination in the shortest travel time. By grouping people together based on the floor they’re traveling to, the number of stops is reduced — thereby improving the building’s elevator traffic efficiency.

Advantages

More handling capacity and better performance.
An elevator enhancer that you can add to virtually any elevator, this system is designed to move people to their destination in the quickest way — whether the building is new or existing, mid-rise or high-rise.

More security options.
Card readers can be set up to increase security, separate passengers from staff, designate an elevator’s floor destination or reduce staff’s travel time, which increases their production time.

More modern and easily customizable.
Kiosk displays can be customized to send messages to tenants or share announcements of building events. Button size, shape and names can be customized to enhance a tenant’s brand recognition or show where common building areas are located.

More flexibility.
Various configuration options create nimble solutions no matter who is occupying the building. Whether it’s a hotel, hospital, office, residential building, commercial building or a multi-use building, AGILE Destination Controls can be configured to display a unique interface between the passenger and their destination.
QUICKER, CLEVER AND MORE NIMBLE

15 stops vs. 4 stops

Traditional operation
With a traditional elevator system, 16 passengers would crowd into the lobby and board the first available car. Therefore, it could take as many as 15 stops for some tenants to reach their floor.

AGILE Destination Controls operation
AGILE directs the 16 passengers to dedicated elevators so they reach their destinations in fewer overall stops.
MAKE THE SMART MOVE TO GREATER EFFICIENCY

How it works
AGILE Destination Controls intelligently groups passengers traveling to similar floors together. This technology is designed to reduce wait times for all tenants. A traditional dispatching system analyzes a hall call and assigns the “best-available” elevator to respond the fastest. However, during the elevator journey, multiple stops can delay passengers going to other floors. With AGILE technology, each elevator trip is more efficient due to fewer stops along the way, which results in shorter times to destination.

Step 1
Passengers use the kiosk to select their floor. You can add custom button labels and logos to make the process even easier.

Step 2
AGILE clearly directs each passenger to an assigned elevator.

Step 3
Passengers board the assigned elevator that transports them to their destination fastest.
Improving the passenger experience

Traditional elevator operation

Passengers crowd into lobbies and push elevator buttons, which only register limited information — just single “up or down” requests. Then they board the first elevator to answer the call. This is known as Estimated Time of Arrival (ETA) dispatching that leads to crowded cars, additional stops and remaining passengers who are left behind to wait for the next elevator.

Operation with AGILE Destination Controls

Passengers use a kiosk to select their floor. The intelligent dispatching software collects their information, analyzes their requests, analyzes traffic demand and groups them based on similarity of destination. This is known as Estimated Time to Destination (ETD), which leads to less crowding, fewer stops and more efficient use of available elevator capacity.

Benefits:

- Less congestion in the lobby at high traffic times
- Increased handling capacity by up to 30 percent
- Improved passenger comfort with less crowded elevators
- Reduced travel times by as much as 25 percent
- Competitive building amenity for attracting and retaining tenants
Adapt our controls to fit your needs

AGILE Destination Controls is flexible enough to seamlessly adapt to new and existing elevators — even during a modernization.

**Destination Complete**

This configuration takes advantage of all that AGILE Destination Controls provides — and is available on elevator modernization projects, new installations or as a retrofit to a recently installed TK Elevator system.

Key features and benefits:
- A kiosk at every floor
- No floor push-buttons inside of car
- Maximum efficiency
- Ideal for complex buildings
- Easily integrates with existing security system

**Destination Select**

If your building has high-traffic conditions on only a few floors, then AGILE Destination Controls is a cost-effective solution.

Key features and benefits:
- Kiosks at main floor or selected floors
- Floor push-buttons inside of car
- Improved efficiency in select areas
- Ideal for buildings with high traffic during peak hours on certain floors
- Easily integrates with existing security systems

*In high-traffic areas only, such as a lobby or cafeteria.*
GET TO KNOW OUR 2ND GEN KIOSKS

RFID card reader module
The kiosk features space for an optional RFID card reader. It’s designed for quick, touch-free access to secure floors and will enable special features. Modules will vary by kiosk and job-specific requirements.

Camera
Disabled but reserved for future use.

Ambient light sensor
Adjusts the display brightness based on the amount of natural light available.

Motion sensor
Changes display brightness when motion is detected and dims when there is low traffic or no motion near the kiosk.

Touchscreen
Entry point for selecting the destination and also shows the direction to the assigned elevator.

Dock area
Used for getting to settings, opening the help screens and various other functions.

Americans with Disabilities Act (ADA) button
When pressed, voice announcements and signal lighting activate to help disabled people reach their destination.
Large touchscreen 2nd gen kiosk

Kiosk dimensions

<table>
<thead>
<tr>
<th>Large Touchscreen</th>
<th>Dimension in inches (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>16.22&quot; (412 mm)</td>
</tr>
<tr>
<td>Width</td>
<td>7.95&quot; (202 mm)</td>
</tr>
<tr>
<td>Angled wall mount thickness</td>
<td>4.0” (102 mm)</td>
</tr>
</tbody>
</table>

Kiosk display information

| Display size      | 12.1" diagonal (307 mm) |
| Resolution        | 1280 (H) x 800 (V) pixel |
| Display colors    | 16.7 million            |
| Ratio             | 16:10                   |
| Backlight life    | 50,000 hours            |
| Mode              | Normally white          |
| Brightness        | 400 cd/m²               |

Black anodized aluminum frame with silver edges
Small touchscreen 2nd gen kiosk

Kiosk dimensions

<table>
<thead>
<tr>
<th>Small Touchscreen</th>
<th>Dimension in inches (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Height</td>
<td>11.69” (297 mm)</td>
</tr>
<tr>
<td>Width</td>
<td>5.19” (132 mm)</td>
</tr>
<tr>
<td>Angled wall mount thickness</td>
<td>3.99” (101 mm)</td>
</tr>
</tbody>
</table>

Kiosk display information

<table>
<thead>
<tr>
<th>Display size</th>
<th>7” diagonal (177.8 mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resolution</td>
<td>1280 (H) x 800 (V) pixel</td>
</tr>
<tr>
<td>Display colors</td>
<td>16.7 million</td>
</tr>
<tr>
<td>Ratio</td>
<td>16:10</td>
</tr>
<tr>
<td>Backlight life</td>
<td>30,000 hours</td>
</tr>
<tr>
<td>Mode</td>
<td>Normally white</td>
</tr>
<tr>
<td>Brightness</td>
<td>400 cd/m²</td>
</tr>
</tbody>
</table>

Black anodized aluminum frame with silver edges
### Additional features

**Card reader**
A card reader featuring contactless technology is an available option. This allows users to quickly present their card and gain access to a secure floor or special features.

**Tactile ADA button**
Complies with the guidelines set forth in the Americans with Disabilities Act to ensure all users can efficiently move to their destination.

### 2nd generation kiosk specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Display colors</td>
<td>16.7 M color</td>
</tr>
<tr>
<td>Brightness</td>
<td>400 cd/m²</td>
</tr>
<tr>
<td>Backlight LED</td>
<td>Up to 50,000 hours (lifetime on full brightness)</td>
</tr>
<tr>
<td>Power requirement</td>
<td>Power over Ethernet (PoE) 44-57 VDC; Supply voltage 24 VDC</td>
</tr>
<tr>
<td>Operating system</td>
<td>Linux</td>
</tr>
<tr>
<td>CPU</td>
<td>i.MX6 dual-core</td>
</tr>
<tr>
<td>DRAM</td>
<td>For 7&quot;: 1GB; For 12&quot;: 2GB DDR3L</td>
</tr>
<tr>
<td>System storage</td>
<td>For 7&quot;: 4GB; For 12&quot;: 16 GB NAND flash</td>
</tr>
<tr>
<td>Communication</td>
<td>Ethernet, CAN, RS-485</td>
</tr>
<tr>
<td>Ethernet network</td>
<td>10/100 Mbps</td>
</tr>
<tr>
<td>Card reader</td>
<td>HID iCLASS SE® or Elatec reader module</td>
</tr>
<tr>
<td>Rating</td>
<td>IP21</td>
</tr>
<tr>
<td>Climate (operating)</td>
<td>Temperature: 0 to 60 degrees C (32 to 140 degrees F); Humidity: 5% to 95% non-condensing; Altitude limit: less than or equal to 9,842 feet 6 inches (3000 meters); indoor use only</td>
</tr>
<tr>
<td>Standby mode</td>
<td>Yes, after a period of inactivity (time period is adjustable in the Design Center application)</td>
</tr>
</tbody>
</table>
Additional devices

Hall target indicators

Our elevator hall target indicators clearly display the listed destinations for passengers. They come in a variety of shapes and sizes and you can choose from a selection of display options — including standard lighted numbers, digital readouts and scrolling message displays.

Custom sizes and layouts (vertical mount, long horizontal mount, oversize face plates) are available. We also offer a combination hall lantern/position indicator. These indicators can be built into a hall fixture or can be a standalone unit.
Floor and elevator identification

**Hall flags**

- **Option 1**
  - Rounded flag style on stainless

- **Option 2**
  - Squared flag style on stainless

- **Option 3**
  - Curved opaque sign on stainless

- **Option 4**
  - Angled sign on stainless

**Braille**

- **Option 1**
  - Single Braille plate with raised floor and elevator identification

- **Option 2**
  - Single embossed Braille plate with raised floor and elevator identification

- **Option 3**
  - Combination Braille and elevator identification mounted in frame
In-car devices

Car target indicators
Located in the elevator car door jamb, this indicator has multiple uses that are important in both traditional (ETA) and destinational dispatching (ETD). This device can act as a car riding lantern in ETA mode to indicate direction of travel. In ETD mode, the device acts as a car target indicator and gives a visual confirmation of the destination floors.

Car Operating Panel (COP) options

Destination Select
On the Destination Select COP, all floor buttons are visible to allow passengers to select their destination, as kiosks are only located on select floors.

Destination Complete
On the Destination Complete COP, there are no exposed floor buttons inside the elevator car because floor destinations are selected at the kiosk.

Fire service panel
This fire service panel allows emergency personnel to control the elevator from inside the car during an emergency situation.
Advanced controls and operations

Take control of your building’s operations.
AGILE Destination Controls offers a variety of features you and your installation technician can set up. You decide which features will help your elevators adapt to the diverse needs of people who use them daily.

Available features:

**ADA voice capability**
Your elevators need to be accessible to everyone. With ADA voice capability, visually impaired passengers simply press the ADA button to register calls and audible announcements direct them to their assigned elevator. Upon arrival at their destination floor, an announcement tells them to exit.

**Capture**
Authorized users can select and recall specific elevators to specific floors using a kiosk or other destination input device. Once captured, the elevator car can be placed on independent service to give users control of the car to clean the interior or perform maintenance. This function can be operated via PIN entry or card swipe.

**Code Blue**
In hospitals, seconds count and Code Blue calls the first-available elevator car with a quick card swipe or PIN entry. It can also call designated cars in a particular order — in case hospitals have limited elevators large enough to accommodate stretchers, or limited access to floors where operating and emergency rooms are located.

A Code Blue call removes the car from automatic operation, delivers the user to the destination floor and then returns to automatic operation. That way, your elevators are flexible enough to serve daily passengers and critical trauma patients.

**Design center**
Display appearance, such as background, button shape, card area visibility and even messages can be modified using the Design Center application. Customize the dock configuration to enable additional features. The parameters can be set for you, affecting just one or all of the kiosks in your building from one location.

**Express operation**
Maximize the trip speed with Express operation. Your installation technician can program selected elevators to be cycled continuously between two floors for a pre-determined duration. For example, this feature can help hotels transport food efficiently from their kitchen to a ballroom on another floor. You can also prevent other guests from boarding to provide your banquet guests with VIP treatment.

**VIP operation**
Often, tenants pay a premium to reside on the top floors. VIP operation allows them to swipe a card or enter a PIN to isolate the elevator and provide uninterrupted access to their designated floor. VIP operation provides your upper-floor tenants with a premium ride.

**Service operation**
Service personnel can use this function to call an empty elevator and ride it nonstop to their destination floor. The user simply registers a call via a card swipe or PIN entry that is pre-programmed to grant access. This is especially useful for hospital employees who transfer patients requiring privacy between floors. Also, delivery personnel using a dolly would require an empty elevator.
We understand. We listen, make suggestions, and co-develop with our customers.

We deliver. Reliable and high-quality products, services and solutions with precision and a superior cost-benefit ratio.

We innovate. We strive to find technology and business solutions that cater to future customer needs.

We are leading the way. We act with foresight and a solution oriented mindset to progress our customers, employees and other stakeholders.

We act as a reliable partner. We act in an honest, authentic and responsive manner towards customers, employees and other stakeholders.

We build on strong experience. Our expertise is based on over 40 years of engineering competence.

We empower our employees. We live an innovation culture based on respect and efficient collaboration.
<table>
<thead>
<tr>
<th><strong>YOUR INNOVATION PARTNER</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Elevators and escalators under maintenance</td>
<td></td>
</tr>
</tbody>
</table>
1,200,000 | Countries of customers | 100+ |
| Employees | 50,000+ |
| Service available for customers | 24/7 |
| Locations | 1,000+ |  |
| Service technicians | 24,000+ |