Mitsubishi Electric Building Solutions Corporation Inazawa Building Systems Works has acquired ISO 9001 certification from the International Organization for Standardization based on a review of quality management. The plant has also acquired environmental management system standard ISO 14001 certification.

Our elevators, escalators and building management systems are always evolving, helping achieve our goal of being the No. 1 brand in quality. In order to satisfy customers in all aspects of comfort, efficiency and safety while realizing a sustainable society, quality must be at the highest level in all products and business activities, while priority is place on consideration for the environment.

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MITSUBISHI ELECTRIC BUILDING SOLUTIONS CORPORATION
www.MitsubishiElectric.com/elevator

Safety Tips: Be sure to read the instruction manual fully before using this product.
MelEye closely observes the operational statuses of elevators and escalators that handle continually changing passenger traffic. This allows building managers to rapidly respond to changing traffic patterns, thus optimizing the performance of elevators and escalators and maximizing the added value of the whole building.

All Traffic in Your Hands

You can easily access all the necessary traffic information.

MelEye

Easy monitoring of all elevators and escalators

Easy setting for optimum traffic flow

Easy analysis of traffic statuses from various angles
Easy monitoring of all elevators and escalators

Simple status display

Menu

Graphical layout

Easy analysis of traffic statuses from various angles

Solutions for efficient traffic flow in the building

Operational information collected by MelEye can be used to analyze a building’s traffic flow. This analysis can help to reduce congestion during a specific period of time as well as the waiting times for each floor.

<table>
<thead>
<tr>
<th>Floor</th>
<th>Average</th>
<th>Waiting Time</th>
<th>Minimum</th>
<th>Maximum</th>
<th>Car Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>6F</td>
<td>3.25</td>
<td>5.24</td>
<td>4.00</td>
<td>8.00</td>
<td>2</td>
</tr>
<tr>
<td>5F</td>
<td>7.37</td>
<td>10.23</td>
<td>5.00</td>
<td>15.00</td>
<td>3</td>
</tr>
<tr>
<td>4F</td>
<td>9.56</td>
<td>13.50</td>
<td>7.00</td>
<td>19.00</td>
<td>4</td>
</tr>
<tr>
<td>3F</td>
<td>12.75</td>
<td>18.00</td>
<td>9.00</td>
<td>23.00</td>
<td>5</td>
</tr>
<tr>
<td>2F</td>
<td>15.94</td>
<td>23.00</td>
<td>9.00</td>
<td>27.00</td>
<td>6</td>
</tr>
<tr>
<td>1F</td>
<td>18.13</td>
<td>27.00</td>
<td>11.00</td>
<td>31.00</td>
<td>7</td>
</tr>
</tbody>
</table>

Easy setting for optimum traffic flow

Simple operational settings on your screen

Elevator operation modes can be changed remotely according to the traffic conditions. By eliminating the need for maintenance personnel to change the operation modes in person, MelEye is able to quickly improve transport efficiency.

Instant recognition of trouble

The intuitively designed screen makes it possible to easily understand the status of all elevators and escalators in the event of an emergency or failure. Being able to more quickly respond to such problems can minimize the downtime for the elevators and escalators in question.

Congestion at a glance

The average waiting time for each elevator group is presented in an easy-to-read graph. You can check the average waiting time for a specified period of time within the past 400 days including the day of the event.

You can easily access all the necessary traffic information.

Solutions for efficient traffic flow in the building

Operational information collected by MelEye can be used to analyze a building’s traffic flow. This analysis can help to reduce congestion during a specific period of time as well as the waiting times for each floor.

- Prioritizing car allocation to congested floors
- Staggering the office start times or lunchtimes, etc. to lessen peak traffic
- Encouraging passengers to use the stairs instead
### Specifications

#### Equipment Specifications

<table>
<thead>
<tr>
<th>Device</th>
<th>Specification</th>
</tr>
</thead>
</table>
| **Computer** | CPU: Intel Core i5 or greater  
Main memory: 8.0 GB or more  
HDD: 100 GB or more |
| **Monitor** | 23” to 24” wide display [Resolution: 1920 × 1080] |
| **Hub** | 10BASE-T / 100BASE-TX |
| **Printer** | Page printer (optional) |

Notes:
1. The specifications listed above are the minimum requirements for MelEye.
2. Depending on the monitoring functions or the number of elevators/escalators, the capacities listed above may need to be increased.
3. Provision of power supplies is not included.
4. Workstation furniture, such as desks and chairs, needs to be prepared by each customer.
5. Power supply source in case of power failure needs to be provided by each customer.

#### Main Functions

<table>
<thead>
<tr>
<th>Classification</th>
<th>Function</th>
<th>Description</th>
<th>Application</th>
</tr>
</thead>
</table>
| **MONITORING** | Status monitoring | Monitors the following.  
- Alarm  
- Elevator Status  
- Escalator/Moving Walk | S S |
| **OPERATION SETTING** | Special operation control | Controls or schedules the following special operations** manually via a computer:  
- NS  
- RCS  
- OUT-of-service – Remote  
- RET  
- Blank Operation  
- BSO  
- Down Peak Service  
- IUP  
- Intense Up Peak  
- LTS  
- Lunchtime Service  
- TFS  
- Main Floor Changeover Operation  
- UPS  
Up Peak Service | O – |
| **ANALYSIS** | Traffic | Collects statistics on the number of calls, the average waiting time and the long wait rate over the past 400 days and displays the data for a specified period of time, up to 31 days for average waiting time or 24 hours for other items, in a spreadsheet or histogram. | O** – |
| **HISTORY** | Alarm History | Displays the alarm logs for the past 400 days and stores the logs in CSV format on the hard drive. | S S |
| **HISTORY** | Operation History | Displays the operation change logs for the past 400 days and stores the logs in CSV format on the hard drive. | S** – |
| **GRAPHIC** | Building layout (2D/3D graphic) | Displays the locations of the grouped elevators and escalators in the building and highlights the elevators and escalators having any type of problem. | O O |

Notes:
- *1. Scheduled operation is not available during emergency operations and some special operations.
- *2. These are some of the options available. For other special operations, please refer to our product brochures.
- *3. Traffic analysis is not available for the elevators with the features below.
- *4. Destination Oriented Allocation System (DOAS)  
- Bank-separation Operation (BSO)  
- Down Peak Service
- *5. If the special operations and emergency operations are not controlled by MelEye, the operation change logs are not stored.

#### Number of Elevators and Escalators Connected to MelEye

<table>
<thead>
<tr>
<th>Category</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Elevators only</strong></td>
<td>Up to 32 groups / 64 units</td>
</tr>
<tr>
<td><strong>Both elevators and escalators</strong></td>
<td></td>
</tr>
</tbody>
</table>
Elevators: Up to 32 groups / 64 units  
Escalators: Up to 30 units |

Note: If the number of groups or units to be installed exceeds the numbers shown above, a separate network connection is required. Please consult our local agents for details.

#### System Configuration

![System Configuration Diagram]

**Equipment installed if necessary**

- **Hub**  
- **Client computer (server and controller)**  
- **Page printer**

Notes:
- *1. A computer connected to the MelEye system can control the special and emergency operations of the elevators.
- *2. The maximum number of additional computers is two devices.
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