



Design and Develop of Elevator Control Boards

Features and Capabilities of **EMS**

Elevator Management System

The Elevator Management System (EMS) by Eletech Develop is an advanced solution designed to optimize elevator operations in modern buildings, here are the key features and capabilities :

1. Real-Time Monitoring (Traffic Display):

- Provides a real-time overview of elevator operations across multiple locations via a single interface.
- Displays critical information such as:
 - Cabin position
 - Called buttons (summon requests)
 - Floor indicators (numerator)
 - Elevator movement direction
 - Door status

2. Operational Status Insights:

- Allows users to view the operational mode of elevators.
- Tracks errors, number of starts, and other performance metrics.
- Provides instant reviews of equipment status, ensuring quick identification of issues.

3. Event History and Reporting:

- Archives errors and events with timestamps for detailed analysis.
- Offers traffic history playback for security, event history, and legal purposes.
- Generates a wide variety of reports and statistics for facility

4. Control Functions:

- Supports control operations such as:
 - Summoning elevators
 - Activating specific modes (e.g., lifter mode)
 - Changing call locking status and time scheduling of commands, either locally or remotely.

5. Configuration and Programming:

- Provides access to modify settings on the main control board, allowing customization of elevator operations.
- Supports integration with group controllers (up to 8 elevators per group, serving up to 48 floors) via CANBUS protocol.

6. Enhanced Building Management:

- Improves people flow in buildings by offering real-time insights into equipment status.
- Enhances risk management during building handovers by ensuring smooth operation and monitoring

7. Compatibility and Integration:

- Integrates with multimedia and web-based information systems, to enhance passenger experience and guidance within the elevator car
- Designed for large building complexes or geographically remote buildings, allowing centralized management from a single location.



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