

64-bit processor performance delivers our most powerful and flexible elevator control system ever!

### Distributed Control Network

Multiple micro-computers communicate via high-speed links for premium performance and control

### Inverter Controlled Drive System

- Smooth signal for enhanced riding comfort
- Extremely tight, low speed control
- Exceptional high speed regulation regardless of direction or loading conditions
- Controls position and velocity against speed pattern for optimal performance

### Drive Control System

- Fujitec's Precision Torrqe Control delivers state-of-the-art performance, stability and reliability
- Determines distance to destination calculating optimum speed pattern for travel
- Adjusts speed profile to provide smooth acceleration/deceleration and precise leveling accuracy

### Position Feedback Encoder

Cab position leveling control provides resolution accuracy within 3/16 inch through the entire height of the hoistway

### Leveling: Vane Operated Inductive Relay (IR Box)

- Detects leveling, door zone and floor position signals
- Confirms the cab platform is within 1/4 inch of the landing

### Brake Control

- Phase controlled, dual-step excitation brake circuit
- Minimizes brake coil heat during pick & hold conditions
- Improved efficiency and control over conventional resistor sets

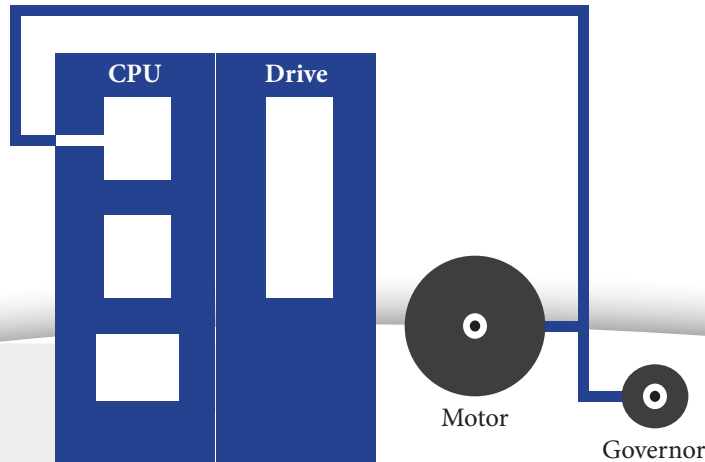
### Additional Features

- VIP Operation
- Auto-Fan OFF
- Auto-Light OFF
- Fail-Soft Operation
- Card Reader Security
- Floor Lockout Security
- Load Weighing Operation
- Automatic Rescue Operation
- Independent Service Operation
- Car Button Code Security (CBCS)

## System Overview

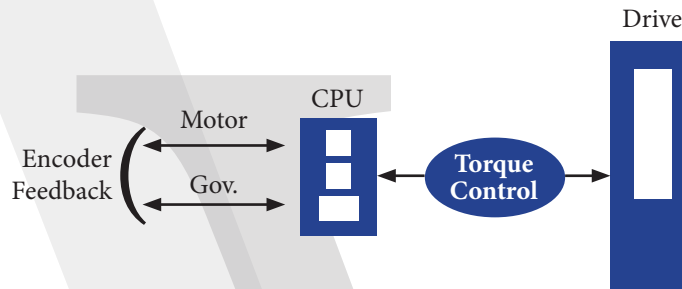
### Simple Structure:

Allows faster response and strengthens overall system operation.



### Encoder Feedback:

Redundant encoders improve safety. Feedback comparison delivers position and stopping accuracy.



### Torque Control:

Torque and voltage operate smoothly over full speed range.

