

**ELEVATOR TYPE** Hydraulic  
Traction  
MRL

**BUILDING TYPE** Low Rise  
Mid Rise  
High Rise

**SPEED** 1400 fpm (7mps)

**LANDINGS** 128

**DISPATCHING** Simplex  
Duplex  
Group 12 Cars

**DRIVE TECHNOLOGY OPTIONS** Closed Loop Vector  
Closed Loop Flux Vector  
PVF Position Velocity Feedback  
PM Synchronous Motor Control

Universal  
Simple  
Interoperable  
Supportable  
Economical

## PIXEL

### The Complete Control System

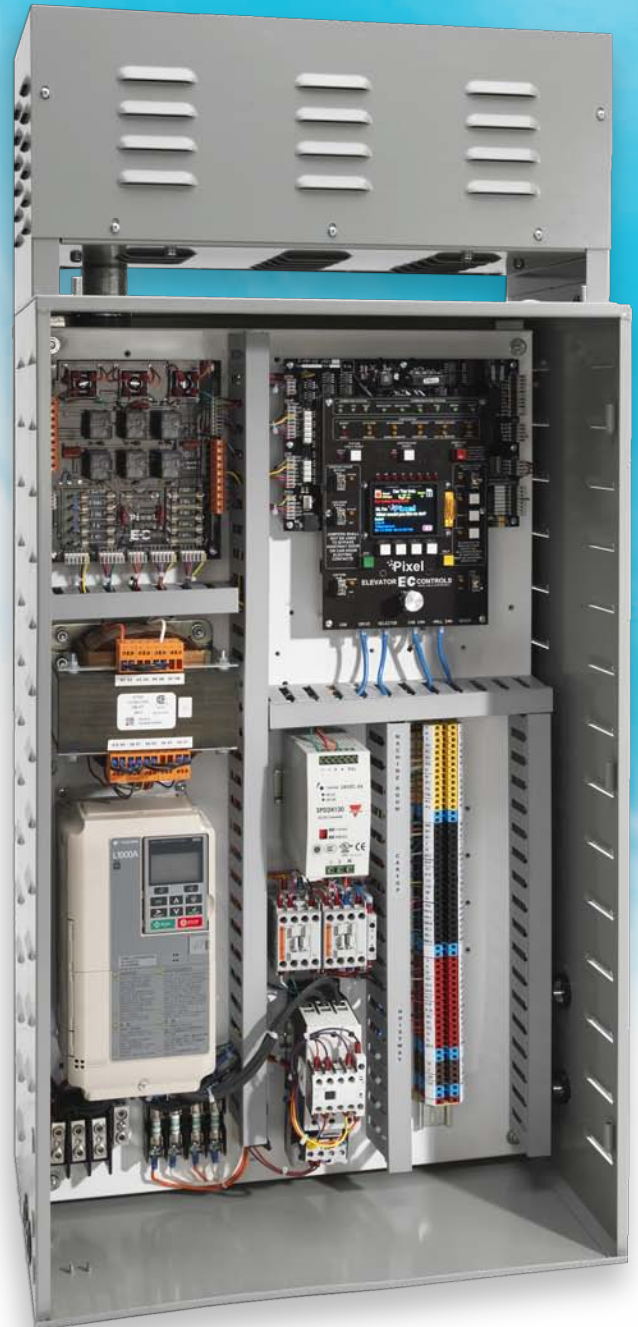
The Pixel Control System provides several features to save field labor, allowing you to do more routine tasks faster on Hydraulic, Traction and MRL elevators. The engineered control system is integrated throughout the entire elevator system with three access points at the Machine Room, Top of Car and Car Operating Panel.

Utilizing state-of-the-art large-scale integrated circuits built into a high performance modular circuit board design, in such a way as to optimize reliability and minimize installation and maintenance costs. This is our most advanced simplified control system yet.

Everything about our Pixel Control System has been designed to save labor in the field. Onboard diagnostic stations are built into each access point featuring a graphical user interface, LCD display, Touch & Go™ interface, Remote Assist™ and CAN bus serial communication to improve installation, adjustment, maintenance and troubleshooting.

The Pixel Control System offers Landa™ positioning, a dual selector positioning system utilizing coded tape. An absolute reading system, the positioning system will always know where the car is located in the hoistway at any given time.

When the power of technology is used to simplify essential tasks – including installation, adjustment, maintenance and troubleshooting – everybody wins.



## About Elevator Controls

*Elevator Controls Corporation, established in 1986, is a widely recognized manufacturer of Non-proprietary microprocessor based elevator controllers.*

*Standardization across all products allows EC to offer true backward compatibility, enhancing maintainability, reducing spares burden, and extending service life.*

*Our mission is to develop equipment that is simple for customers to install, adjust and maintain.*

*Learn more at:  
[www.elevatorcontrols.com](http://www.elevatorcontrols.com)*

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# PIXEL

## The Complete Control System

### Pixel Control System

The Pixel Control System comes with the Pixel Car Controller, Top-of-Car Controller, Car Operating Panel Controller, Landa™ positioning system and any hall nodes - all depending on the job requirements.

Powerful yet simple-to-use diagnostic stations are built into each access point, which include capabilities for complete on-site reprogramming of the elevator “Personality” parameters, motor control drive unit parameters, fault diagnostics and event diagnostics play back.

The Pixel Control System utilizes a CAN driven system, a more efficient form of serial communication that allows for future upgrades. This eliminates the extra wire count, decreases cost and saves field labor time.

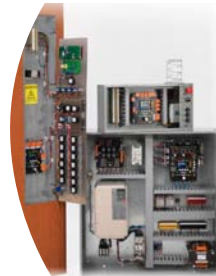
PM synchronous motor controls is available for gearless and MRL applications, with a variety of encoder interface options, including EnDat and Hyperface.

*See Specifications for Microprocessor Elevator Controls for complete details.*



### Touch & Go™ Interface

The LCD graphical user interface allows for easier adjustment and maintenance. The Touch & Go™ interface is the same on all three access points, allowing you to adjust and troubleshoot from various locations.



### Three Points of Access

Gain access to the user interface at three locations throughout the elevator system for quick and easy installation, adjustment and maintenance.



### Landa™ Positioning System

An absolute reading system, the Landa™ positioning system is made up of two complete sensor head units and gives a position accuracy of 25 positions per inch (0.8 mm) throughout the entire hoistway. This positioning system creates a faster installation and less maintenance by eliminating all hoistway vanes and switches. With Landa™, the system always knows where the car is located.

## Powerful Control Technology that's Easy to Use

- Non-Proprietary
- A17.1-20XX/ B44-XX Safety Code Compliant
- Set & Forget Positioning System
- Multiple Color-Coded Wire Terminals
- Onboard Diagnostics
- Field Reprogrammable “personality parameters”
- Configure Ez-LINK™ serial com fast in Ez-Learn™ mode
- Do more routine tasks faster with the intuitive Touch & Go™ interface
- Real time virtual tech support via Remote Assist™
- Safe & Sensible™ Wire Count

**ELEVATOR E C CONTROLS**  
SIMPLE. SOLID. SUPPORTABLE.

Toll-Free: 800/829-8106  
Tel: 916/428-1708  
Fax: 916/428-1728

e-mail: [info@elevatorcontrols.com](mailto:info@elevatorcontrols.com)  
[www.elevatorcontrols.com](http://www.elevatorcontrols.com)