

Pixel AC & DC

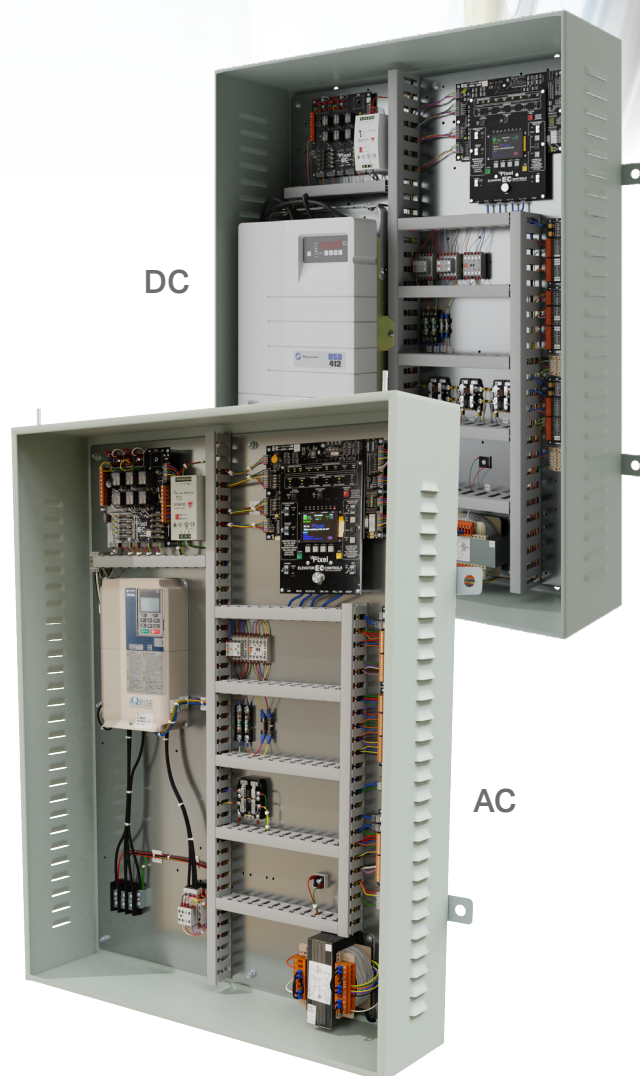
Control Systems

THE COMPLETE TRACTION CONTROLLER SOLUTION

Powerful control technology that's easy to use

BENEFITS

- **Vertically Integrated System:** The Pixel control system provides advanced technology and software, along with components, wiring, and mounting kits, all engineered to work together to provide labor and material savings on every job. No additional service tools are required at any time.
- **3-Points of Access:** Allows car diagnostics and adjustments to be accessed where the work is being done (control room, top-of-cab, or in the cab), providing safe work environment, convenience, and efficiency.
- **User Interface:** Full-color LCD screen is simple to read, easy to learn, intuitive to navigate, and is the same platform for all Pixel models (hydro, traction and MRL).
- **Landa™ Absolute Positioning System:** A non-contact cab positioning system that provides exact cab location within the hoistway at all times. Landa™ requires no floor magnet or switch placement, which saves material and installation time, simplifies adjustments, and promotes safety by reducing the work done in the hoistway.



A VANTAGE Company

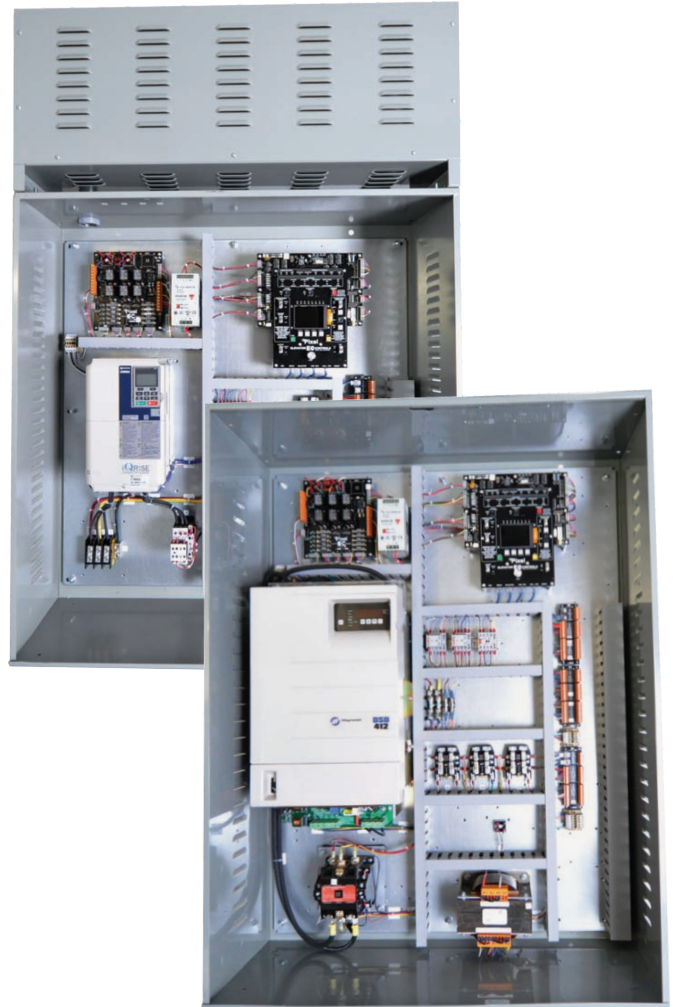
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FEATURES

- Pixel comes complete with a main controller, cartop control unit, car operating panel processor, Landa™ Absolute Car Positioning System and all required hall fixture nodes – based on each elevator’s installation requirements.
- Includes a TOC-to-COP wiring harness, with conductors labeled to match Pixel connection terminal labels for ease of installation, and to significantly reduce wiring errors. No pull sheet required.
- An optional custom-labeled travel cable is available for typical passenger elevator requirements.
- CAN-bus serial communication, with available Cat5e plug-and-play wiring package for hall fixtures.
- Set and forget Landa™ Absolute Positioning System.
- A17.1/B44-XX and A17.5 code compliant.
- Intuitive ‘Touch & Go™’ on-board user interface, available at three points of access (machine room, inside the cab, top-of-cab).
- Field-programmable ‘personality’ parameters.
- Seamless integration with EC’s Web-Interact™ and IDS LiftNet™ monitoring systems.



SPECIFICATIONS

ELEVATOR TYPE	Traction – Geared, Gearless
BUILDING TYPE	Low Rise, Mid Rise, High Rise
SPEED	1400 fpm (7 mps)
LANDINGS	Up to 128
DISPATCHING	Simplex; Groups up to 12 Cars
AC MOTOR CONTROL TECHNOLOGY	<ul style="list-style-type: none"> – Position and Velocity Feedback – Flux Vector Control – PM Synchronous Motor Control – Line Regenerative Drive – Quattro™ AC Motor Control
DC MOTOR CONTROL TECHNOLOGY	<ul style="list-style-type: none"> – Position and Velocity Feedback – Regenerative DC-SCR Control – Quattro™ DC Motor Control



Save time with the intuitive Touch & Go™ on-board user interface, available at three points of access (machine room, inside cab, cab top)