



OPEN MARKET CONTROL THE NEXT STEP IN NON-PROPRIETARY

What good is a non-proprietary elevator controller if you can only get your replacement parts from one source?

Smartrise introduced the elevator controller industry to the concept of a true “open market” by including everything you need in the controller, and making our parts available through multiple vendors across the U.S. This means:

- No special diagnostic/adjustment tools are required
- Equipment can be maintained by any elevator contractor
- Parts can be sourced through multiple vendors
- Off the shelf availability of all parts

The open market revolution for elevator controllers began with Smartrise over a decade ago. Through our valued customers and key projects we have established Smartrise as the most innovative controller platform on the market. Acceptance by many of the nation’s consultants and universities as well as the Federal GSA, the United States Navy, VA Hospitals and NASA, has helped push Smartrise to over 15,000 units installed. Whether it’s a single car or a high-rise, high-speed group of cars, our U.S.-made controllers are the smart choice for your project.

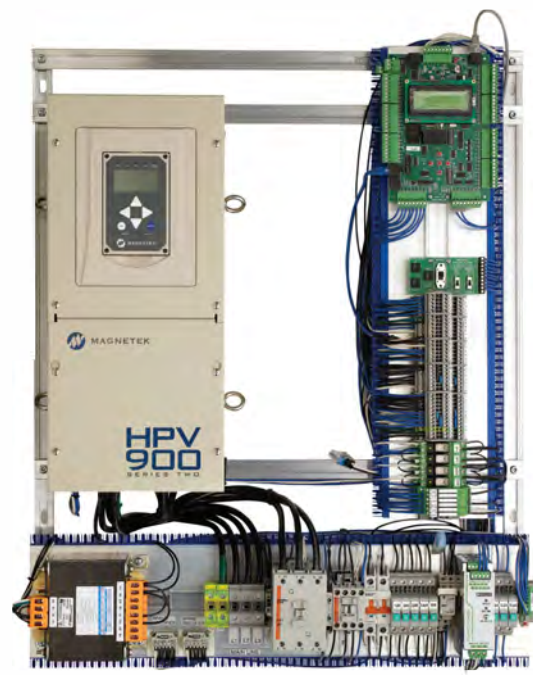
IT'S NEVER BEEN SO SIMPLE

Utilizing the latest technology and design practices, Smartrise has created a simple, more reliable and more capable elevator controller system.

- Smallest cable raceways
- Fewest number of printed circuit boards
- Least amount of traveler cable required
- Least amount of hoistway wiring necessary
- Lightest and slimmest panels
- All parts available through multiple vendors
- On-board full diagnostic and adjustment capabilities at all three controller locations
- Fewest number of spare parts
- Distance and velocity feedback for all traction and hydraulic elevators
- In-car adjustments and leveling

BUILT STRONG

Smartrise is a non-proprietary, proven, state-of-the-art elevator control platform that will provide years of trouble-free operation without compromise.



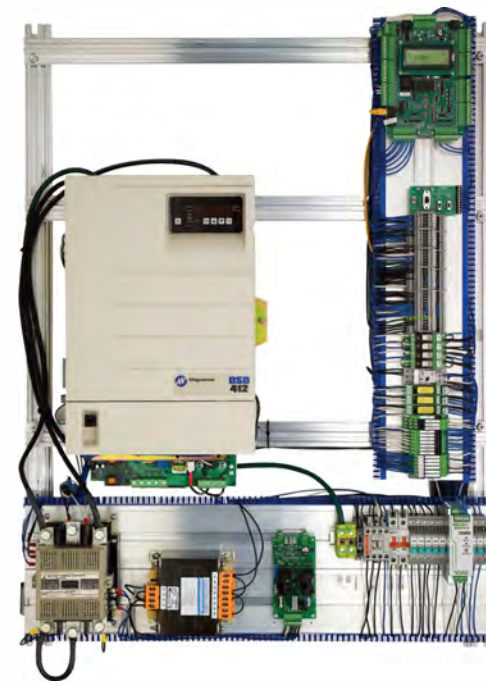
SRA-SMARTRISE UNIVERSAL AC TRACTION CONTROLLER

Performs serial data exchange between the machine room, the top of the car, and the car operating panel. This simplifies programming, cabling, and parts. An extensive communication and operator interface (LCD Display) is built into our standard controller.

APPLICATION	Supports Geared, Gearless, Overhead, Basement, and Machine Room-less
FEEDBACK	Distance and Velocity
DISPATCH	Up to 8 Car Group
MAX OPENINGS	96
MAX SPEED	1,400 FPM
DIMENSIONS	39"H x 30" W x 14"D
CABINET	NEMA 1
POWER REGEN	Dynamic Breaking Resistors

OPTIONAL ACCESSORIES

- SmartView 2.0 Monitoring
- SmartConnect Pre-wired Inspection Box
- Power Back Regenerative Kit
- Harmonic Filter
- Isolation Transformer
- Load-Weighing Device
- AC Motor
- Emergency-Rescue Device
- Voice Annunciator
- Card Reader Access
- Traveler and Hatch Cables
- Cabinet: NEMA 4, 4x, 7, 12
- OSHPD Certified
- Air Conditioning Unit



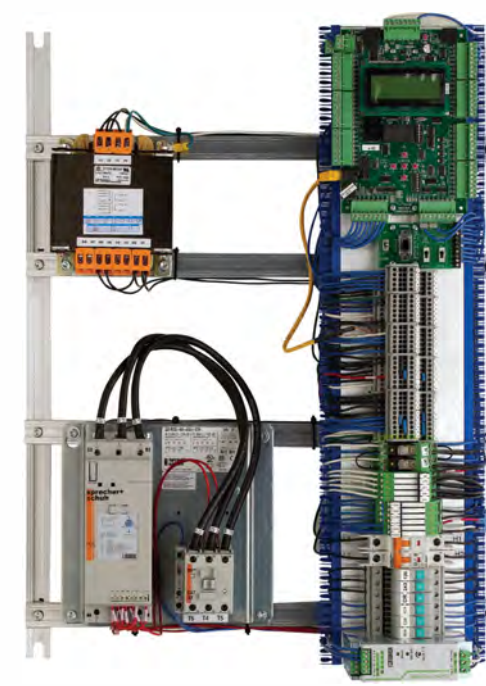
SRD-SMARTRISE UNIVERSAL DC TRACTION CONTROLLER

Includes all of the features of our AC controller with the option of a state-of-the-art fully regenerative DC motor drive. It offers reduced utility line harmonics and a near unity power factor.

APPLICATION	Supports Geared, Gearless, Overhead, and Basement
FEEDBACK	Distance and Velocity
DISPATCH	Up to 8 Car Group
MAX OPENINGS	96
MAX SPEED	1,400 FPM
DIMENSIONS	60" H x 36" W x 16" D (w/legs)
CABINET	NEMA 1
LINE PROTECTION	Iso.Transformer / Ripple Filter

OPTIONAL ACCESSORIES

- SmartView 2.0 Monitoring
- SmartConnect Pre-wired Inspection Box
- Regenerative Power Conversion
- Load-Weighing Device
- Emergency-Rescue Device
- Voice Annunciator
- Card Reader Access
- Traveler and Hatch Cables
- Cabinet: NEMA 4, 4x, 7, 12
- OSHPD Certified
- Air Conditioning Unit



SRH-SMARTRISE UNIVERSAL HYDRAULIC CONTROLLER

One of the only hydraulic controllers on the market with velocity and distance feedback along with serial communication. It reduces valve adjustment time by showing the car's performance on the LCD Display.

APPLICATION	Supports Overhead, Basement, and Machine Room-less
FEEDBACK	Distance and Velocity
DISPATCH	Up to 8 Car Group
MAX OPENINGS	10
MAX SPEED	200 FPM
DIMENSIONS	30" H X 24" W X 10" D
CABINET	NEMA 1

OPTIONAL ACCESSORIES

- SmartView 2.0 Monitoring
- SmartConnect Pre-wired Inspection Box
- Isolation Transformer
- Load-Weighing Device
- Emergency-Rescue Device
- Voice Annunciator
- Card Reader Access
- Traveler and Hatch Cables
- Cabinet: NEMA 4, 4x, 7, 12
- OSHPD Certified
- Air Conditioning Unit



GROUP CONTROLLER

Operates a Smart Hall Call ETA-based logic. All cars connect back to the group.

APPLICATION	Coordinated dispatching of multiple cars. Traction and Hydraulic from 2-8 car group
COMPUTER	SRU Dual Microprocessor
DIMENSIONS	18" H X 12" W
LOCATION	Machine Room



HALL BOARD

Provides a serial connection to hall fixtures. It turns Top & Bottom Access Switches, Fire Service Switches, Hall Buttons & Lanterns, and Medical Service Switches into networked devices.

APPLICATION	Serial connect to hall fixtures
DIMENSIONS	2 1/2" H x 2 1/4" W

ADDITIONAL FEATURES

- Call buttons and other hall devices are wired locally to a Hall Board at the floor.
- All Hall Boards connect to the machine room via a shared 4-wire network or Cat-5 network cable.



CAR TOP CONTROLLER

Manages part of the safety logic. It connects to the top of the car components and the Traveler Cable.

APPLICATION	Localized control on top of car with full diagnostic and adjustment capabilities
COMPUTER	SRU Dual Microprocessor
DIMENSIONS	18" H X 12" W
LOCATION	Top of Car



COP CONTROLLER

Our Car Operating Panel Controller (COP) gathers COP localized I/O's and connects to the Car Top Controller.

APPLICATION	Localized control of car station functions, as well as full diagnostic and adjustment capabilities.
COMPUTER	SRU Dual Microprocessor
DIMENSIONS	7" H x 6" W
LOCATION	Car Operating Panel