CEDES Predict. Protect. Perform.

CEDES AG | Science Park | Kantonsstrasse 14
CH – 7302 Landquart | +41 81 307 23 23
info@cedes.com | www.cedes.com



CEDES iDiscovery & APS

A new level of elevator safety

The iDiscovery is a powerful SIL 3 and EN 81-20/50 compliant safety supervisor unit. In conjunction with CEDES' APS (Absolute Positioning System), it takes over safety-relevant functions of the elevator, including enhanced inspection functions for elevators with reduced headroom or pit (EN 81-21). The system features a purely electronic overspeed governor to trip an electrically activated safety gear.

BENEFITS

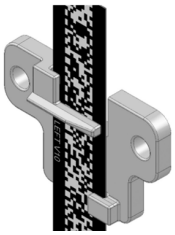
- **Reduced complexity** of the elevator installation
- **Reduced time** of integration, installation, teaching and maintenance
- **Reduced material and labor costs**

The configuration of safety-relevant parameters is performed with configuration clips that are mounted with the APS code tape. This allows to configure the safety parameters of the device in the field on the job site. The configuration can also be changed in the field. The use of the configuration clips in combination with the floor indicator clips allows for a fully automated teach process.



CONFIGURATION CLIPS

- Rated speed(s)
- Level position bottom floor
- Level position top floor
- Final limits (top and bottom)
- Additional inspection limits (top and bottom)
- Safety spaces (top and bottom)



FLOOR INDICATOR CLIPS

- Floor level position

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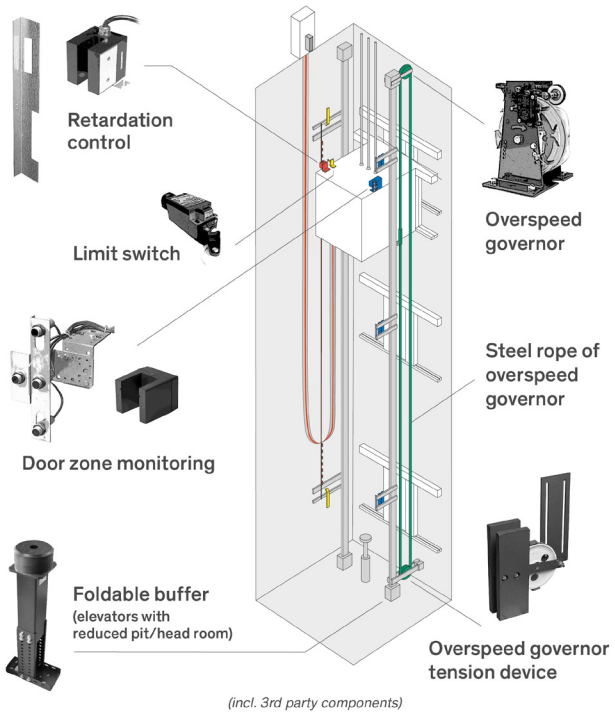


CEDES iDiscovery & APS

Simplified hoistway

This highly integrated system eliminates the need for many individual systems and components currently required by a conventional elevator. In combination, the APS and iDiscovery significantly reduce the cost and complexity of the elevator as well as installation and maintenance time.

Conventional elevator



Simplified hoistway

