

Schindler Mid-Rise Modernization Solution
Reliable technology. Efficient installation.
Improved sustainability.



Your elevators, better than ever



No longer does an elevator modernization have to inconvenience your tenants or disrupt your operations for weeks or even months on end. Now, you can bring your mid-rise building's elevators up to today's standards for reliability, efficiency and sustainability — quickly, cost effectively and with minimal disruption.

Streamlined process

Schindler has tailored an elevator modernization program that specifically targets mid-rise buildings with a streamlined process — from engineering and ordering, right through delivery and installation. How does it work?

- Comprehensive proposals focused on safety and value-added solutions
- Automated engineering and ordering processes

- Components designed for fast, easy retrofitting to existing elevators
- Specialized packaging for fast unloading and installation
- Simplified wiring with clear labeling
- Highly-trained installers following proven, “best practice” installation methods.

Advanced technology, field proven

Reliable, eco-friendly technology is packaged into an integrated group of upgrades; each component is designed with the flexibility to adapt to your building design and your needs. Featured components include:

- Reliable Schindler Miconic® TX controllers for unbeatable traffic handling and even distribution of passengers for efficient energy consumption

- Schindler Power Factor 1 energy-efficient, regenerative drives
- Conversion from DC to highly efficient AC motors
- Schindler Varidor 50A door operators for smooth, safe, reliable door operation
- Schindler Remote Monitoring™ for continuous system monitoring to help pinpoint problems and notify Schindler if a service call is required
- Schindler Lobby Vision® building management system, allowing real-time management of elevator groups and sophisticated traffic statistics for performance reporting (optional).

A smooth ride to high performance ...

Smart movement

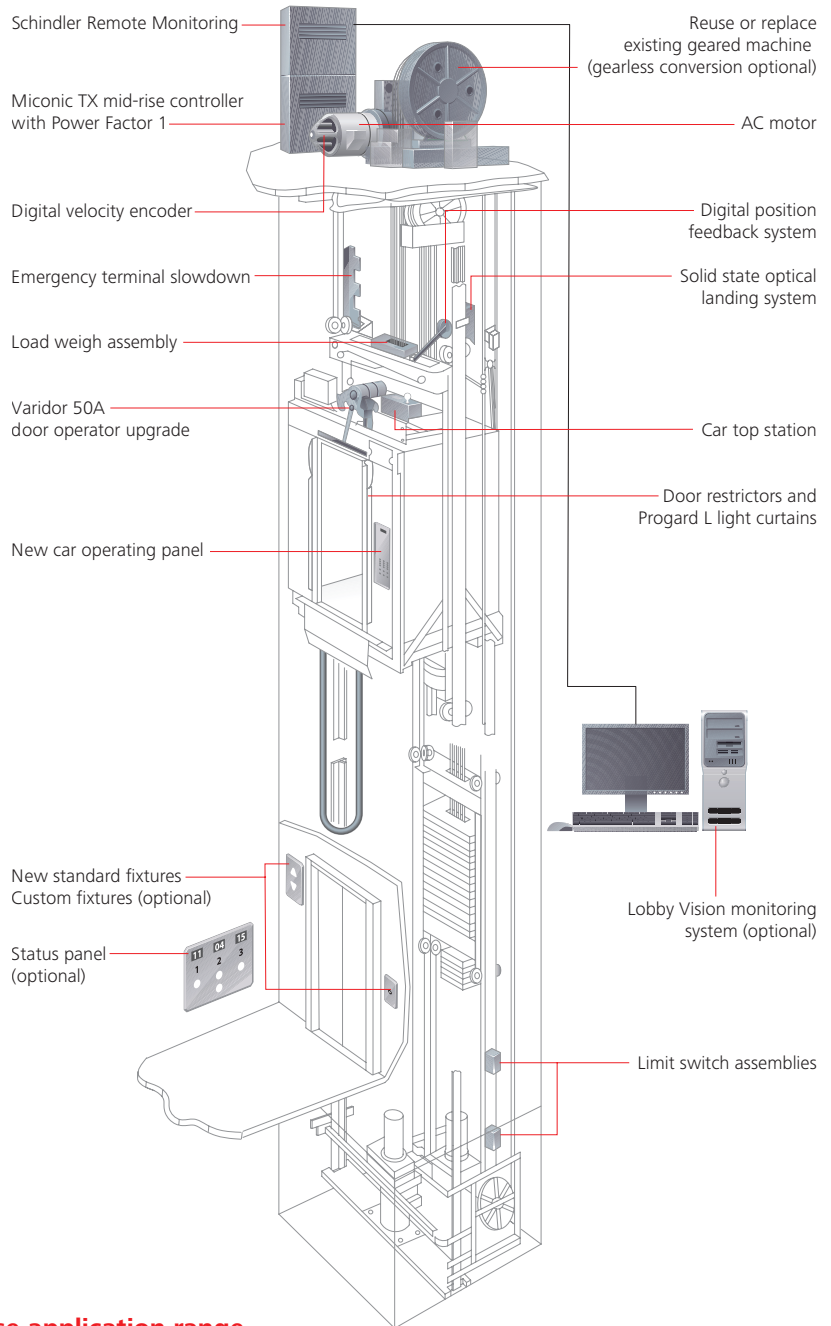
Upgrade your elevators with proven reliability and performance-boosting technology. Start with the intelligent, preconfigured Schindler Miconic TX control system, proven in thousands of buildings nationwide. In addition to offering a wide range of customer-specified enhancements, it provides even distribution of passengers between cars and smooth changeover between normal traffic mode and up or down peak periods.

Destination, please?

If you need even more efficient traffic handling as well as access control features, Schindler ID® destination dispatching can provide unmatched flexibility and versatility to your system. Pioneered by Schindler and powered by the industry's most advanced algorithm, Schindler ID can accommodate well-defined access parameters and personalized service. Passengers using an identification medium or personal PIN codes can be issued access rights and assigned a car without any need for further interaction.

Schindler can interface your existing controllers with Schindler ID, usually over a weekend, without disruption of service. Schindler Destination Interface is a unique process which delivers an immediate improvement in efficiency; when each elevator is subsequently removed from service for the modernization, tenants will hardly know the modernization is taking place.

Schindler mid-rise modernization



Mid-rise application range

Maximum bank size	6 Elevators
Stops	Up to 23 landings
	Up to 28 openings
Maximum travel	250 ft
Capacity	2000 – 5000 lb
Speed	200 – 450 fpm

plus greener and safer

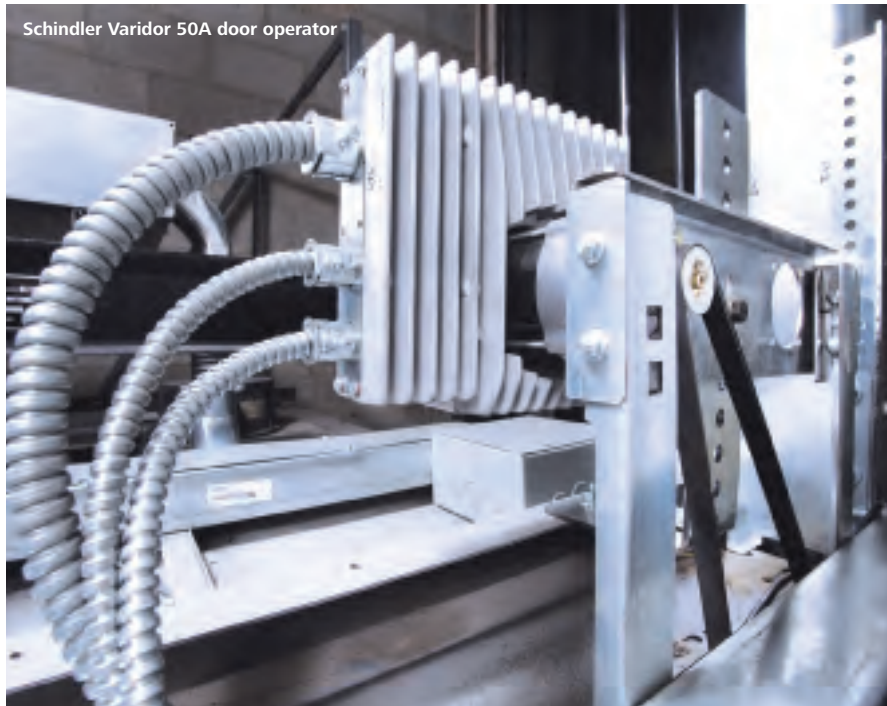
Green power

Schindler is committed to sustainable urban development. We offer true Power Factor 1 drive technology that is .99 efficient. This drive system safely returns regenerative energy back into the building's power line resulting in:

- Less net power usage, saving energy
- Reduced heat generation, lowering cooling cost
- Fewer moving parts for improved reliability
- Low harmonic distortion for quieter operation
- Less vibration for smoother ride quality
- Possibility of government and local utility rebates
- Potential to earn LEED® points.

In addition to providing energy efficient drive technology, we've reduced wiring and offer optional LED cab lights with automatic shut-offs to significantly reduce lighting costs. We even use recyclable packaging to help make our modernization solution even "greener."

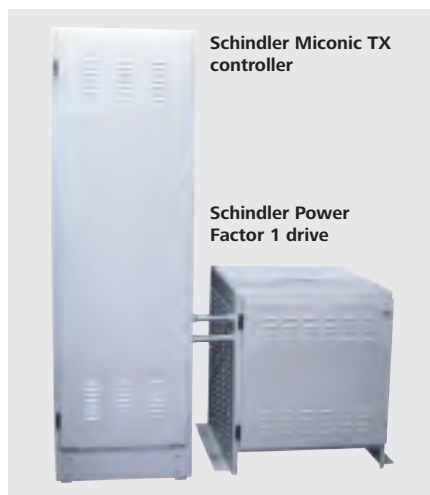
LEED is a registered trademark of the U.S. Green Building Council.



Safe passage

Door operation is critical to passenger comfort, convenience and safety.

- The Schindler Varidor 50A linear door operator provides true digital closed-loop feedback resulting in smooth, quiet, reliable performance. It accurately controls drive motor speed and opening/closing force even if some of the doors are substantially heavier. The V50A door operator accommodates a wide range of heights and widths for varied applications.
- The optional, ultra-responsive Schindler Progard L® light curtain system protects passengers from closing doors without any physical contact. Using scores of infrared light beams, Progard L will immediately open a closing elevator car door if a small object moves into its path. The Schindler Progard L system does not project beyond the door edge, so it is less exposed to damage.



Add a touch of style



In addition to improvements in performance, reliability and safety, aesthetics are often an important consideration in a modernization. Schindler's standard fixtures are economical as well as durable and attractive. Custom fixture designs are also available for customers seeking a truly unique look.

Full-featured car operating panel

The car operating panel is equipped with all necessary features and functions including:

- Position indicator
- Emergency light
- Voice communications
- Fire operation
- Service buttons
- Floor access controls
- Service cabinet
- Car panel engravings/signage.

Your choice of hall fixtures

Schindler's fixtures for mid-rise modernization can be tailored to suit your particular requirements.

- Standard fixtures for flush mounting or elegant low profile surface mounting in finishes to coordinate with your existing elevator or car operating panel.
- Hall stations with a variety of low voltage pushbutton designs with halo illumination.
- Hall and car lanterns in horizontal or vertical configurations featuring long-lasting LED illumination.

Car and hall fixtures with sleek durable pushbuttons and surrounds are available in a range of finishes including:

- # 4 Brushed stainless steel or bronze
- # 8 Mirrored stainless steel or bronze.



Surface mounted hall pushbutton



Surface mounted hall/car lantern



Flush mounted hall lantern/position indicator



Car operating panel