



Elevator Modernization



## Some of the results you can expect by modernizing with Capital Elevator's latest technology

- Increased property value
  - Conserved energy
- Optimized ride performance
  - Increased reliability
- Improved traffic flow through better dispatching and improved travel times
  - Code compliant vertical transportation
    - Reduced wiring



By modernizing your elevators, you will save money, increase your property's value, provide safe and code compliant vertical transportation and improve the energy efficiency and traffic flow in your building.

Why choose Capital Elevator?

Capital Elevator's Modernization Teams can handle assignments ranging from simple cosmetic refurbishment of cars to total elevator system replacement.

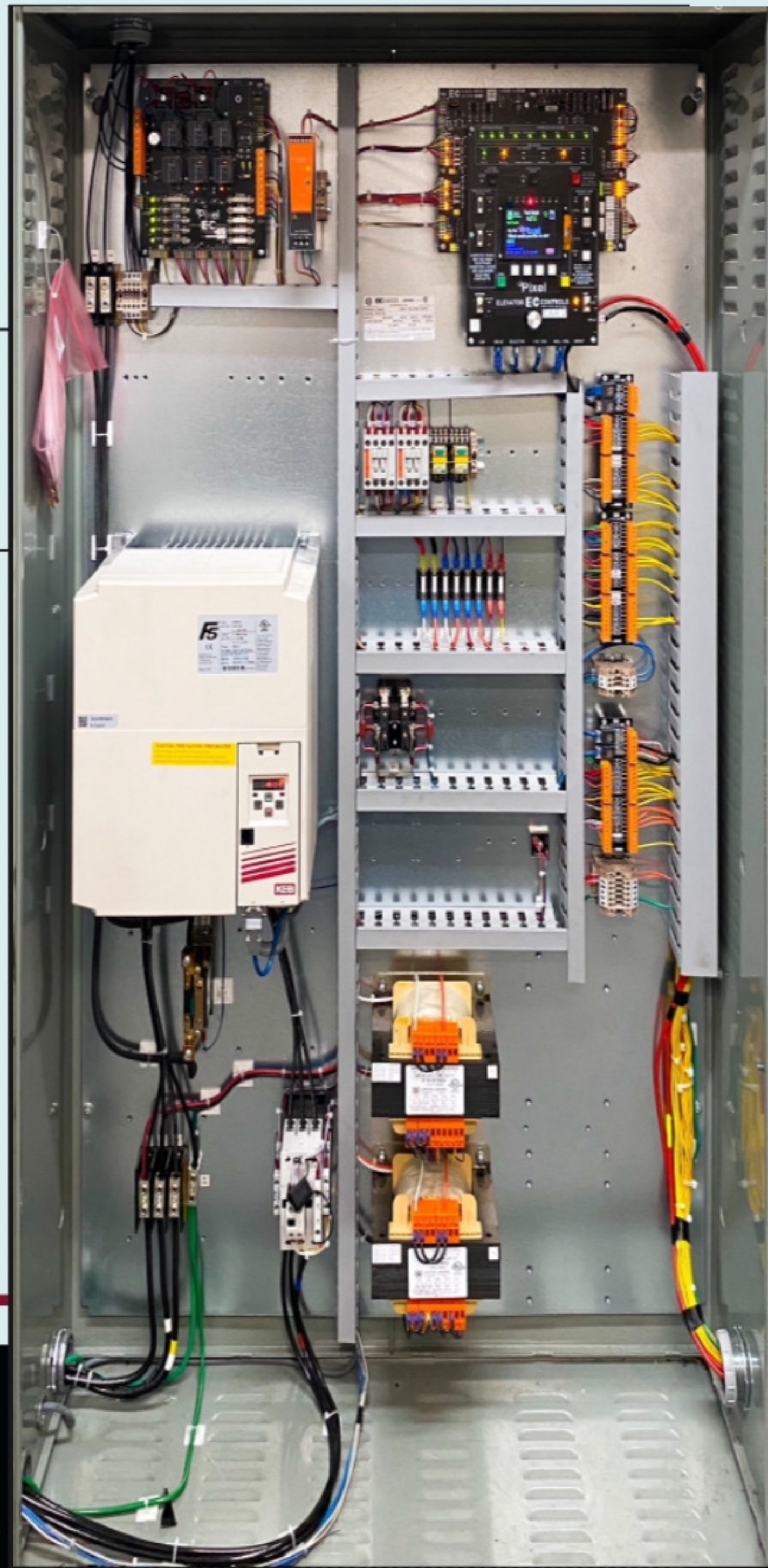
Your needs and your budget are the determining factors. Whether your elevators are five or fifty years old, you can rest assured that you are getting the best products in the industry.



# today

Controller technology progressed from solid state to digital with current control systems using high-speed 32-bit microprocessors. Current elevator systems make thousands of decisions per second, perform self-diagnostics and traffic analysis, all of which improve elevator performance. Newer systems can improve performance over relay logic systems, in most cases over 30%, while utilizing less space in the elevator machine room and performing with the reliability that is not capable by older technology.

32-bit microprocessor



# technology from past to present





A



B

A. Existing geared machine with DC hoist motor

B. **New** geared machine with new AC hoist motor

45%

BTU reduction





Before

why modernize?



After