

Integrated

Motion Control Engineering, the leader in the design and manufacture of innovative non-proprietary elevator control and monitoring solutions, introduces the next generation controller system: iController.

iController combines superior computing power; flexible, intuitive software; and sophisticated network communication to create an advanced solution far beyond the competition.

Integrated. Intelligent. Intuitive
the Power of *i*.



Intuitive



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POWER of iController

from MCE

The
Industry's
Most
Advanced
Controller
Solution



iController's iBox processor



iController

System Diagram

iController 1 iBox 2 AC or DC Drive 3

Next generation elevator controller powered by the intelligent iBox processor and closed-loop 16K PWM AC Drive or 12-Pulse DC Drive—supported by advanced landing, dispatching and monitoring.

Performance-driven technology improves effectiveness of a building's elevator system—and increases satisfaction of building owners and passengers.

Significant labor cost savings are achieved as a result of the systems' low installation costs.

Flexibility is enhanced through user programmable, modular open software architecture.

Reliability and safety are increased through a reduction in hardware and integration of system components.



iCue 4 Intelligent Dispatching Software

Powerful software-based dispatching engine uses artificial intelligence to continually optimize dispatching decisions. Modular, scalable software design ensures long-term dispatching flexibility.

Easily modify and refine scaleable dispatcher software configuration to meet changing traffic patterns.

Ensures long-term dispatcher performance and project investment with modular software upgrades.



Increases dispatcher performance through real-time car status information delivered via high-speed, high bandwidth network.

Conveniently manage system software—onsite or remotely.

Simplifies maintenance due to fewer parts in hardware-independent design.

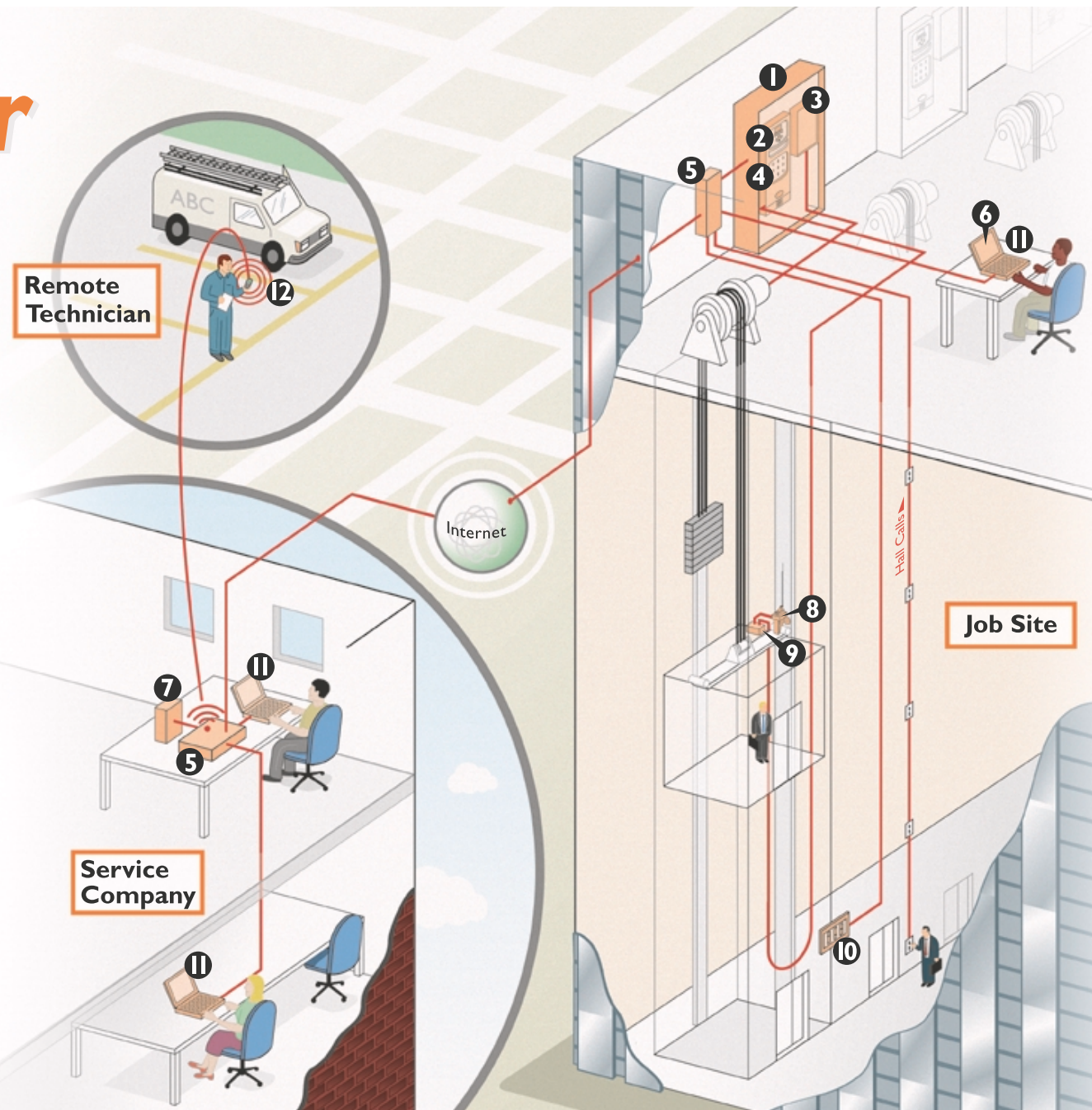
iView 6 System Interface

Sophisticated, windows-based interface enables onsite or remote analysis, diagnosis and parameter adjustment. Used primarily for system set up and maintenance.

Quickly access important operating system information.

Easily set up and adjust controller configuration.

Conveniently and flexibly manage multiple elevators and locations from a single PC or laptop.



iMonitor 7 Remote Monitoring System

Client-server system gathers, archives and reports elevator performance data. Access onsite or remotely from PC, laptop or PDA using web browser.

Cost-effective client-server system does not require software to be installed on every monitoring computer—only a computer's web browser is required.

Flexible programming options enable user to generate reports on-demand or according to predetermined schedule.

Access and review comprehensive set of performance criteria.

Conveniently monitor large number of elevators from any remote networked location via a standard web browser.

iLand 8 Precision Landing System

Innovative landing system uses sensors and magnetic encoding to ensure absolute hoistway position. Maintenance-free iLand operates without tape or switches.

Maintenance-free operation decreases moving parts and increases system reliability.

Fast, easy cartop installation and adjustment.



iLink 9 Cartop Wiring Connection Box

Cartop termination point for car wiring where most discrete signals are converted to serial communication for transmission to the iController.

Significant savings in wiring and material costs are realized through reduction of traveling cable wires.



Convenient plug & play cartop installation reduces set up labor.

Safely prevents doors from opening unless car speed is within acceptable limits.

Reliably maintains power during a power failure until car comes to a stop. When power is restored, absolute car position is retained.

iLobby 10 Elevator Car Locator Display

State-of-the-art graphical car location display

Hub 5
Standard, commercial network device.

PC 11
Customer-provided networked PC or laptop used to access iView (6) or iMonitor (7).

PDA 12
Customer-provided networked PDA enables remote access to browser-based iMonitor (7).