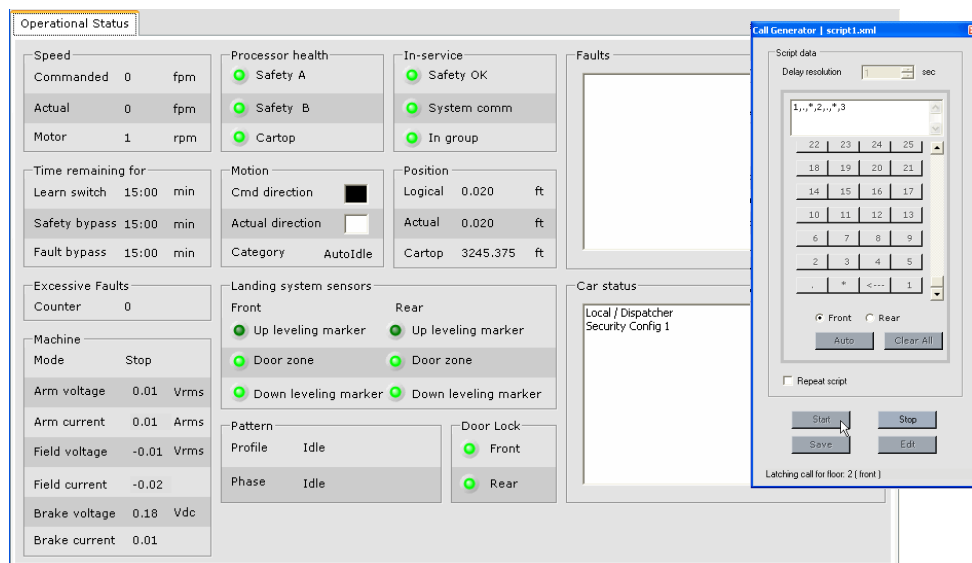# iView for iControl

iView for MCE iControl Elevator Systems

iViewTM was introduced nearly ten years ago with iControl elevator controls and dispatchers. Since then, we have been extending its capabilities with every software release and hardware addition. If you are an elevator perfectionist, iView is a tool you will appreciate. iView provides unrivaled ability to see, monitor, and adjust every facet of iControl elevator and dispatcher operation. You can use iView from a laptop PC in the machine room or remotely from any location that provides Internet access. You don't need to be a computer programmer. You don't need to understand operating systems. iView provides a graphical, point & click interface.
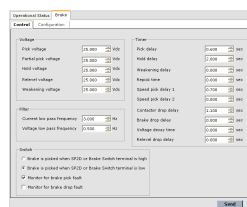
Controller View

The first thing you see when connecting to an elevator control is a status display. All critical aspects of current system operation are immediately visible. From here, you are in the driver's seat. You can choose to configure the controller, to run diagnostics, to set up the hoistway, or to run highly automated safety/commissioning tests. And, from any screen, you can place car or hall calls through the always available registration control.
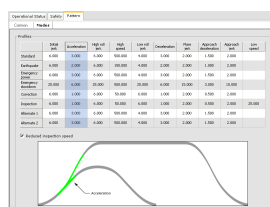

Configure the brake - 21 ways to tweak its behavior

Adjust performance curves - every aspect of 8 different patterns

Diagnostics? - drill all the way down to our virtual oscilloscope

CONTROLLER IVIEW BENEFITS
- Status overview
- Configuration:
  - Custom outputs
  - Custom events
  - Brake
  - Car Call Enable
  - Car operation
  - Destination based dispatching
  - Drive
  - Floor heights
  - I/O board setup
  - iBox
  - Load weigher
  - Pattern
  - Terminal switches
  - Timer tables

- Diagnostics
  - Data Trap
  - Diagnostic flags
  - Diagnostic outputs
  - Event log
  - Fault bypass
  - Terminal switches
  - Virtual oscilloscope
  - Call generator

- Setup
  - Brake
  - Counterweight leveling
  - Drive
  - Floor heights
  - Load weigher
  - Safety
  - Terminal switches

- Hoistway View

- Automated Safety Tests
  - Car/Counterweight safety test
  - Electrical governor test
  - Car/Counterweight buffer tests
  - Inspection overspeed test
  - Contract overspeed test
  - Emergency brake test/Unintended motion
  - Normal terminal switch overspeed 1 & 2 tests
  - Normal terminal switch position tests
  - Emergency terminal switch overspeed tests

Dispatcher View

iView provides a dispatching/system view that provides in-depth ability to configure iControl dispatching, run event and network diagnostics, view hoistways, and examine system performance.

From the System Configuration screen home base, you can setup the building, special mode calls, dispatching rules and options, hall call eligibility, operating modes, parking behavior, and manage remote monitoring access.

Set up your building for destination based dispatching

Set up emergency power for two independent power generating systems. Split groups into banks for more granular control.

Create an interface to legacy controllers during modernizations

Control elevator security throughout the building.

Set up timers to automate hall call eligibility, parking, parking eligibility, operating modes, and security or to trigger custom outputs at specific times.

We can only touch on what iView can do in this data sheet. Ask your MCE contact for a thorough description or demonstration of iView capabilities.

SYSTEM IVIEW BENEFITS

- System Configuration
  - Building configuration
  - Dispatching configurations and options
  - Hall call eligibility
  - Mode of Operation: automated or as configured
  - Parking, parking eligibility
  - Remote monitoring authorization
  - Destination based dispatching
  - Emergency power behavior
  - Legacy dispatcher interface during modernization
  - Security

- System Inputs and Outputs
  - I/O addressing
  - Cross registration
  - Security
  - Remote outputs
  - Input/output inventory and testing

- Timer Tables
  - Configure automated application of hall call eligibility, parking, parking eligibility, operating modes, security, and control of remote outputs

- User Events
  - Assign activating inputs and name custom events

- Remote Outputs
  - Name and configure up to 32 hardware outputs
  - Configure predictive gonging

- Event Log
  - View logged events for dispatching
  - Print event logs

- Diagnostics
  - Diagnose network difficulties
  - View network conditions
  - Evaluate destination based dispatching

- Hoistway
  - View specific ETAs
  - View all group hoistways
  - View real time door status
  - Assign car and hall calls
  - View all car positions and destinations
  - View all call status
  - View traffic mode (balanced lobby peak, up peak, etc.
  - Assign DBD calls

- System Performance
  - Graphical hourly average wait times for calls
  - Number of up and down hall calls per hour

www.nidec-mce.com
800.444.7442
916.463.9200