

GE Transportation

With real-time train and traction power control from GE - Transportation, the control of an entire transit system is possible from a single terminal.

With advanced functionality features that are standard, GEisys Train Control/SCADA enables transit authorities to control wayside signals, create train schedules, automatically route cars, monitor trains in dark territory—all from a single terminal.

Alarms alert controllers to problems in real time. Optional CCTV integrations enable users to view sites and react appropriately.

Designed for sophisticated operations, TC/SCADA has built-in and battle-tested failover functionality and redundancy. The product's reporting features allow management to review all device indications and manually entered commands.

Running on Windows®-based software with a broad standard feature set, TC/SCADA provides seamless cut-over. Its automated configuration tools make system expansion simple.

GEisys Train Control/SCADA

Train and Traction Power Control



GEisys TC/SCADA

Modern transit systems require sophisticated central control. GEisys TC/SCADA provides a feature-rich suite as a standard offering, with significant opportunity for customization.

Features

- SCADA for traction power, signal and switch, and communications
- Real-time train tracking
- Auto-routing and train scheduling
- Train estimating and dark territory monitoring
- Full reporting capability
- Alarm function
- Fully redundant hardware and auto-failover
- Automated configuration tools
- Windows®-based software
- Diagnostic tools
- Station facility screens
- Emergency tunnel ventilation control
- Visual replay
- Simulation modes for training
- Video wall display

Integration with Other Modules

- PA/CIS
- CCTV
- CAD/AVL
- Shared SQL database
- Inter-module communications server
- Windows® domain services
- Front-end processor: SCADA and codeline interface

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