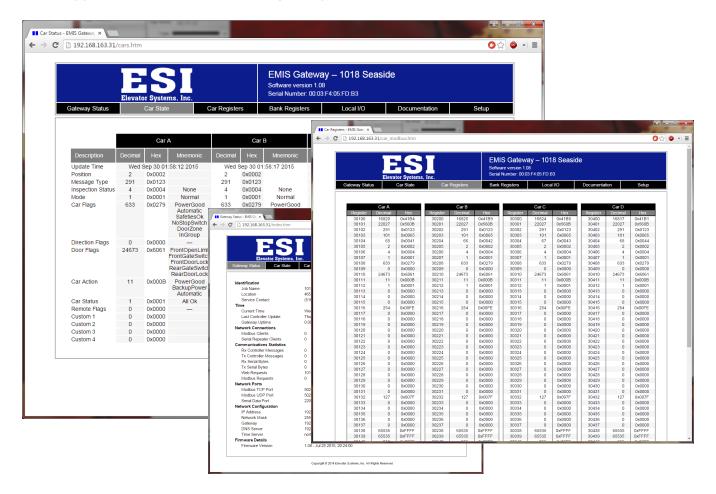# EMIS Network Gateway

The Elevator Systems Network Gateway enables monitoring of the real-time actions and operational state of all cars in an elevator bank. The gateway is commonly used with our EMIS-100 and EMIS-One monitoring systems as well as general purpose Supervisory Control and Data Acquisition Systems (SCADA) allowing integration with building management and supervisory systems from other manufacturers.

Whether you need a local performance log and reporting system in the machine room or management office, or a remote monitoring system for a campus, city, or state system, the Elevator Systems Network Gateway's standard Ethernet connection and protocols make that easy and reliable.

The gateway provides a number of services tailored to our EMIS-100 and EMIS-One monitoring systems supporting many simultaneous monitoring systems, allowing detailed monitoring of system status and performance as well as unlimited lobby, hallway, and in-car status displays. In addition, the gateway's ModBus/TCP and ModBus/UDP Servers provides a convenient way for building management and SCADA systems to monitor system operation using ModBus, one of the most open and widely deployed industrial communications protocols in the world.

In addition to adding network connectivity for monitoring and SCADA systems to Elevator Systems car controllers, the EMIS Network Gateway serves web pages which display detailed car status information allowing quick remote diagnosis of common operating problems.

The gateway resides in the master car controller cabinet and connects to the outside world with a standard Cat5 10/100 Ethernet connection. Where the gateway is connected to the internet at large, ESI recommends the use of a customer supplied VPN firewall between the gateway and the wide area network connection.



The Elevator Systems Internet Gateway and EMIS monitoring systems are available in stock and customized configurations. If you have a need to connect to or monitor your elevator system, let's talk and get it done.