CSI Control System Isolator

FREEPORT TECHNOLOGIES

Quick Start Guide (Control Isolation)

System Configuration

What You Need

Computer with access to Network Settings, Ethernet Cable

1. After applying power to the unit, connect your computer to the **CPU A Management** port on the rear of the CSI hardware device using a standard Ethernet cable (or via a network switch)
2. Ensure that the network settings of your computer are compatible with the current CSI hardware device settings
   (e.g. Computer IP = 192.168.5.50, Computer Subnet Mask = 255.255.255.0)
3. Open a standard web browser, enter the IP address of the device using the https://IPAddress format (e.g. https://192.168.5.40)
   (the default CSI IP address can be viewed via the front LCD screen)
5. Login to the configuration tool using the correct username/password
   *The default credentials are *username* = ***sysop***, *password* = ***freeporttech***
6. Use the tabs on the left side of the configuration tool to navigate to the desired location (*System Settings*, *Features*, *Configurations*, *Logs*)

Please visit https://ftp.freeporttech.com/ to access CSI firmware, API documentation, and any available third-party control modules.

System Settings

The *System Settings* tab can be used to update the CSI network settings, enhance security, update firmware, add a license key, and set the date/time.

Third-Party control requires a socket API port to be defined along with the creation of a user with API access. These items must be configured in order to utilize the device for control system isolation (*System Settings* > *Security*).

Default Settings

The following default settings will be applied when the *B-Side* CPU is powered on. These settings can be configured using the CSI configuration tool via the *Features* tab (subsequent API commands will override the defaults):

a) Isolated Device Baud Rate – Serial baud rate for the isolated device
b) Command Timeout Delay – Waiting period for expected responses
c) Success String – Indicates a success from the isolated device
d) Failure String – Indicates a failure from the isolated device

Custom Reponses

Custom response strings provide the ability to capture defined events from the isolated device. The current CSI firmware supports up to 1000 custom responses.

Please refer to the CSI API for more detailed information.