**MERCURY SECURITY**™



As part of Mercury Security's mission to design and build a completely open access control hardware platform with a highly articulated API, the new MS-I8S Bridge offers a direct retrofit of Software House's iStar Pro I8 module.

The MS-I8S Bridge is a multi-device interface panel to replace the Software House iStar Pro I8 module. It replicates the iStar access control hardware form factor for fast "screwdriverless" change over and easy migration of Software House client infrastructure to any Authentic Mercury software partner solutions.

Built on the Authentic Mercury platform, the MS-I8S interface panel provides the ability to monitor high concentrations of inputs, supporting 8 general purpose input circuits. These circuits are capable of being individually set for normally-open or normally-closed operations and can be declared supervised and non-supervised. Individually configurable parameters can be set for sensitivity ranges, timing parameters and end-of-line resistance values. The MS-I8S provides the capacity to link, control and respond to an array of sensors.

### Additional Benefits:

- Simple Migration – Provides a streamlined path to move organizations from proprietary and/or legacy systems to open platforms, while reducing overall costs by eliminating the need to rewire legacy peripheral devices.

- Open and Flexible – The Authentic Mercury hardware platform is based on open architecture access control technology, which is designed to support emerging technologies, changing industry standards and evolving system environments.

- Market-Proven – With the industry's largest installed base and greatest accumulated runtime of any access hardware provider, Mercury Security has consistently provided partners and customers with the most reliable and scalable platform for more than 20 years.
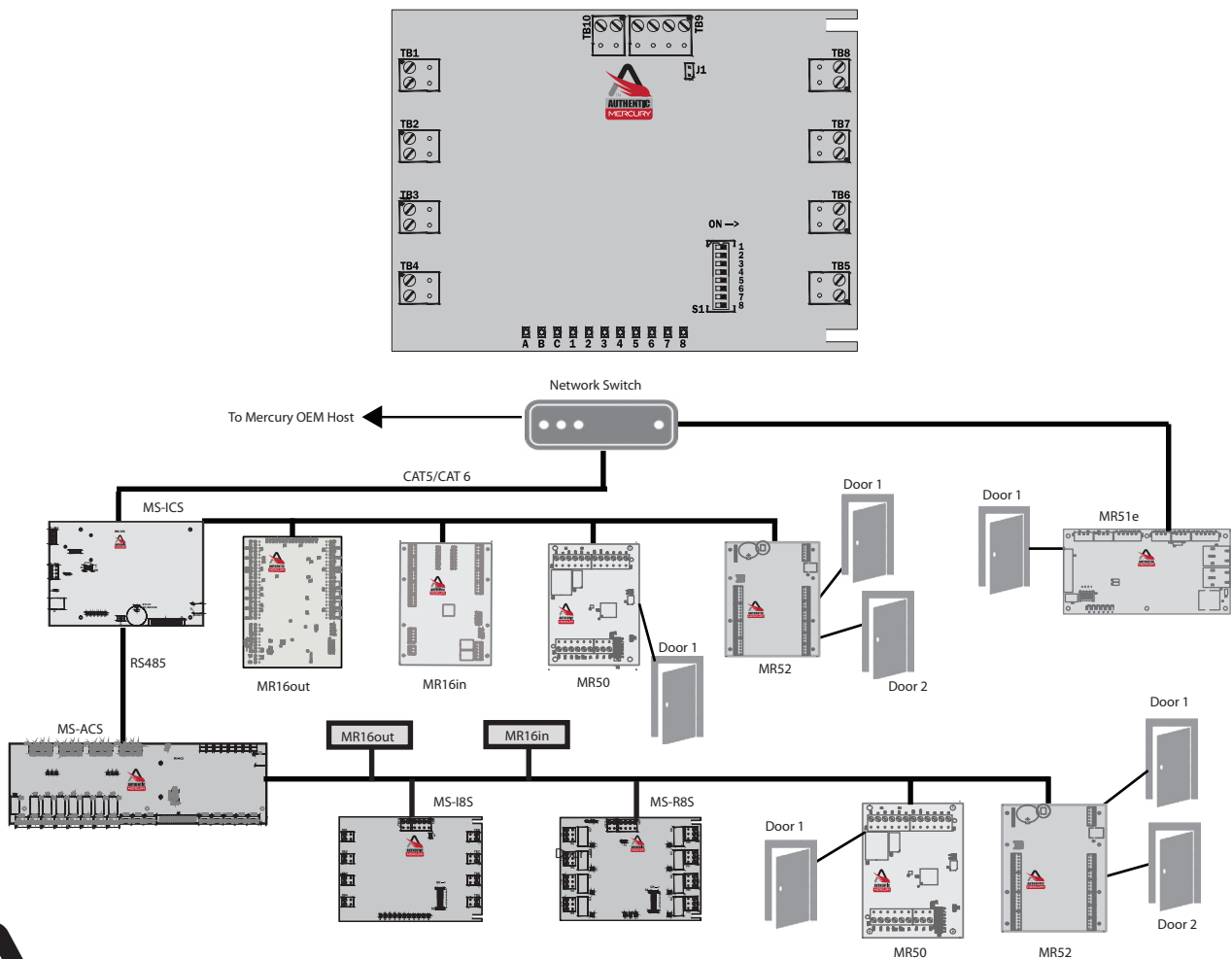
### Application Notes

The MS-I8S is an integral component in the Mercury MS Bridge family approach to migrate iStar Pro hardware to flexible, feature-rich Mercury access hardware. When paired with a MS-ICS, MS-ACS or MS-R8S, customers can begin reaping the benefits of the industry leading, open Authentic Mercury access control platform.

## Features

- 8 programmable inputs
- Plug for plug compatibility to iStar Pro I8
- AES 128 bit data encryption
- Universal I/O device Characterization
- Configurable input parameters

## Benefits

- Retrofits iStar Pro I8 modules from Software House
- Built-in capacity to control, respond to external device commands
- Easily integrates lighting, heating/cooling, door or elevator control sensors
- Initiate commands by operator, by time schedules, or by events
- Built on the Open Authentic Mercury platform

**The MS-ICS is for use in low voltage, Class 2 Circuits only.**

**Primary Power:** 12 Vdc ± 10%, 130 mA maximum

**Communication:** 2-wire RS-485
9600, 19200, 38400, or 115200 bps, asynchronous

**Inputs:** 8 unsupervised/supervised, standard EOL: 500/1K/1K ohm, 1%, 1/4 watt
1 dedicated cabinet tamper input

**Cable Requirements:** 24AWG, 120 ohm impedance, twisted pair with shield, 4,000 ft (1,200 m) maximum.
Power: 18 AWG, 1 twisted pair

**Alarm Inputs:** 1 twisted pair, 30 ohms maximum

**Dimensions:** W 4.33 in. (110 mm)
L 5.90 in. (150 mm)
H 0.65 in. (16.5 mm)

**Weight:** 2.7 oz. (77.3 g) nominal
(without terminal blocks)

**Environmental:** -55 to +85 °C, storage
0 to +50 °C, operating

**Humidity:** 5 to 95% RHNC

**Product Compliance:** UL294 Recognized, FCC Part 15 Class A, CE Compliant, RoHS 2011/65/ EU & 2015/863), EU REACH





The Authentic Mercury open platform delivers quality assurance derived from the most proven and reliable hardware in the industry. Driven by our engineering excellence and technology leadership, Authentic Mercury hardware is designed as an access control platform that easily encompasses emerging technologies, changing industry standards and evolving system environments.
Make yours Authentic, Make sure its Merc.