OPEN OPTIONS
ACCESS TECHNOLOGY

AUTHENTIC MERCURY

RoHS COMPLIANT

M5 Bridge

Open Options Casi Retrofit Solution

Features

- Easy migration to an open platform using Authentic Mercury boards
- One for one replacement
- Maintain all current enclosures, power, and connections
- Screwdriver-less retrofit
- Ethernet required
- Field devices remain untouched throughout installation
- Secure communication to DNA Fusion software
- Support for Wiegand, magstripe, F/2F, and supervised F/2F readers

Overview

The M5 Bridge is the Open Options open platform solution to end of life Casi Micro 5 boards. The addition of the Open Options M5 Bridge provides a simple path to an open platform, non-proprietary system for all current Casi Micro 5 end users.

The M5 Bridge utilizes one for one Authentic Mercury replacement boards for a simple, streamlined installation. Users can maintain existing Micro 5 and M3000 enclosures, along with existing power and wiring for a screwdriver-less retrofit.

The minimal installation process involves removing the connectors from the Casi boards, pulling the boards from the enclosure and replacing them with the corresponding Mercury M5 replacement board. The existing connectors are then refitted and power reapplied leaving all field devices untouched. An Ethernet connection to the M5 Bridge will be required to ensure secure communication back to the DNA Fusion access control software.

The best solution for migrating existing Casi-Rusco proprietary systems to an open platform is simple and effective with the Open Options M5 Bridge.

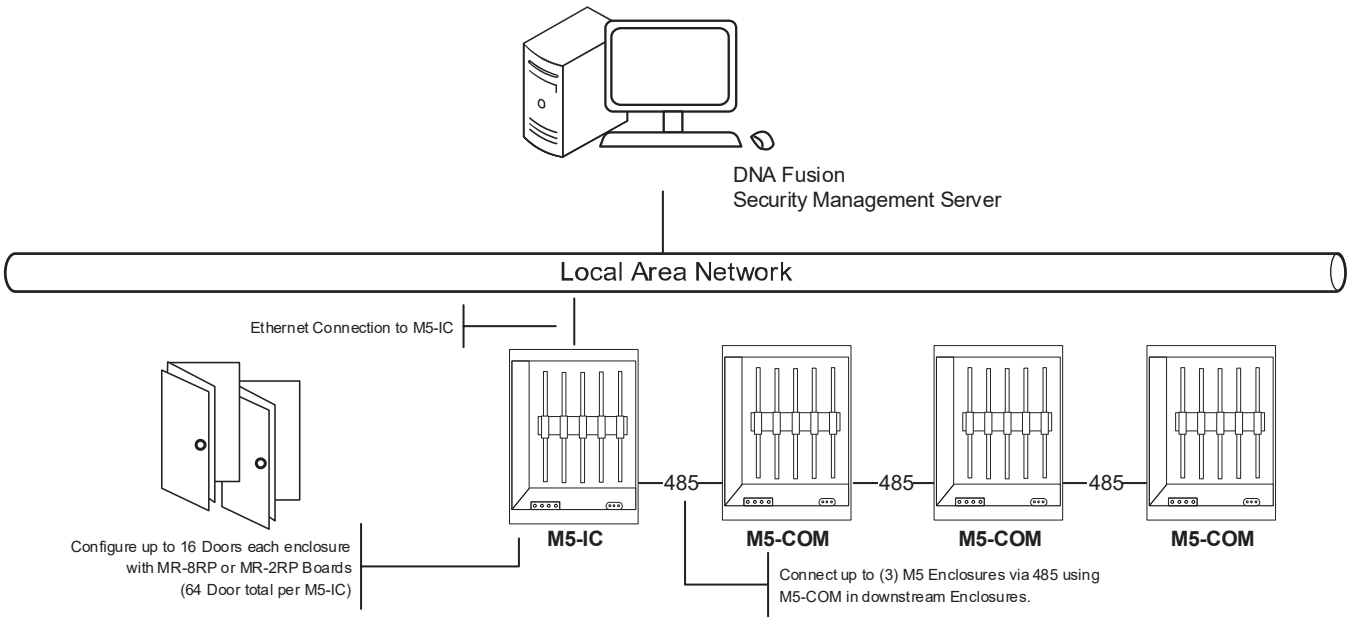
M5 Bridge

Component Comparison Chart

Casi Component(s)	M5 Bridge (OO) Replacement Part	Max per Enclosure	Description/Notes
PXN/PXNplus CPU Board	M5-IC	-	M5-IC is intelligent controller and handles downstream communications and power distribution
Power/Com Board (PCB)	M5-COM*	-	M5-IC supports up to (3) additional M5 enclosures via 485 to M5-COM boards
2RP	M5-2RP	4	2-reader interface board supports Wiegand, magstripe, F/2F, & supervised F/2F readers (4 NON-SUPERVISED inputs/6 outputs)
2SRP	M5-2SRP	4	2-reader interface board supports Wiegand, magstripe, F/2F, & supervised F/2F readers (4 SUPERVISED inputs/6 outputs)
8RP	M5-8RP	2	8-reader interface board supports F/2F & supervised F/2F readers
20DI	M5-20IN	4	20 digital inputs (Supports unsupervised and supervised input circuits)
16DO	M5-16DO	4	16 digital outputs for driving external relays
16DOR	M5-16DOR	4	8 form-C relays / 8 form-A relays with dry contacts

* Not a direct replacement. M5-COM is only used for downstream communications.

Application



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