

# Field Notes Bulletin

TECHNICAL SUPPORT

P/N FN00016

## EST3: 3-FIBMB2 and 3-FIBMB Module Compatibility Issue on EST3 Networks

### Introduction

This bulletin informs you of a possible compatibility issue when adding 3-FIBMB2 fiber optic interface modules to an existing EST3 network using legacy 3-FIBMB fiber optic interface modules.

This bulletin supersedes the following publications:

- *3-FIBMB2 Fiber Optic Interface Module Installation Sheet* (P/N 3101835)
- *3-FIBMB2 Marketing Release Notes*

### Issue

When adding 3-FIBMB2 modules to existing EST3 networks with 3-FIBMB modules installed, intermittent network communication faults *may* occur regardless of media connection types. This issue has been reported primarily on Class A networks using either copper or fiber media connections.

### Solution

The issue is resolved by replacing 3-FIBMB modules on the network with 3-FIBMB2 modules.

**Current and future projects:** To avoid the intermittent network communication fault issue, it is recommended when adding EST3 control units to networks using 3-FIBMB modules that all 3-FIBMB modules be replaced with 3-FIBMB2 modules.

**Existing operable intermixed 3-FIBMB and 3-FIBMB2 networks:** For existing installations not experiencing the intermittent network communication fault issue, no 3-FIBMB module replacement is required. However, if the issue occurs and you contact Edwards Technical Support, they will recommend that you replace the 3-FIBMB modules with 3-FIBMB2 modules prior to continuing network troubleshooting.

### Notes

- Legacy 3-FIB and 3-FIB/A fiber optic modules are not compatible with 3-FIBMB2 fiber optic modules.
- Ensure that all 3-CPU's on the network are model 3-CPU1 or 3-CPU3.
- When upgrading existing 3-FIBMB cards to 3-FIBMB2, the existing MMXVR, SMXLO, and SMXHI fiber optic transceivers can be reused.

### Contacting support

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