



**Where
Automation
Connects.**

Technical Note

ProSoft[®]
TECHNOLOGY

Using the 1769-AENTR with MVI69E&L modules

Applicable products include:

- **All MVI69E and MVI69L products**

Published: November 30, 2018

Asia Pacific

Malaysia Office

Phone: +60 3.7941.2888

asiapc@prosoft-technology.com

Languages spoken: Chinese, English, Japanese

China Office

Phone: +86.21.5187.7337

asiapc@prosoft-technology.com

Languages spoken: Chinese, English

Europe

France Office

Phone: +33 (0)5.34.36.87.20

support.emea@prosoft-technology.com

Languages spoken: French, English

Middle East and Africa

Phone: +971.(0)4.214.6911

mea@prosoft-technology.com

Languages spoken: English, Hindi

North America

California

Phone: +1 661.716.5100

support@prosoft-technology.com

Languages spoken: English, Spanish

Latin America

Brasil Office

Phone: +55.11.5084.5178

Support.la@prosoft-technology.com

Languages spoken: Portuguese, English

Regional Office

Phone: +52.222.264.1814

Support.la@prosoft-technology.com

Languages spoken: Spanish, English



Using the 1769-AENTR with MVI69E&L modules

When using the MVI69E and MVI69L products with a 1769-AENTR, additional ladder is required to recover from a fault upon power up of the MVI69E/L and the 1769-AENTR.

Root Cause:

On power up, the AENTR attempts a backplane module discovery before the MVI69E/L is ready to communicate. (The AENTR waits 2.1 seconds.) This results in the AENTR not detecting the end cap and declares the backplane faulted.

Solution:

Use the attached ladder to monitor the fault condition of the AENTR. The ladder monitors the fault condition of the AENTR and resets the AENTR when the fault occurs. Since the MVI69E/L is already powered up, the AENTR discovery succeeds and the AENTR boots with no faults.



AR69_MVIE_BPRecover.ACD