Release Notes

CompactLogix EtherNet/IP Communication Module

Catalog Number 1768-ENBT

About This Publication

This publication describes enhancements, anomalies (corrected and known), and other concepts related to the CompactLogix EtherNet/IP Bridge Module, firmware revision 2.003.

Information that has been added or changed since the last revision of this publication is indicated by a change bar as shown to the right of this paragraph.

In addition to information specific to the most recent firmware revision, the information from previous minor revisions is retained in these release notes for your reference.

Compatible Versions of Software

Use these or later versions of software with the 1768-ENBT module.

If using this software	Use this version or later
RSLinx Classic	2.43
RSLinx Enterprise	3.00
RSLogix 5000	15.00
RSNetWorx for EtherNet/IP	5.11
RSNetWorx for ControlNet	
RSNetWorx for DeviceNet	

Enhancements

These enhancements have been made with firmware revision 2.003.

- The link between a TCP connection and the associated CIP connection has been decoupled. As a result, TCP connections can be closed without affecting existing CIP connections.

Lgx00074715

- The number of TCP and CIP connections has been doubled to 64 TCP connections and 128 CIP connections.

Corrected Anomalies

These anomalies have been corrected with firmware revision 2.003.

Corrected Anomaly	Description
Connecting to a device with a rapid response time may result in a timeout.	When connecting to a device with a more rapid response time (for example, a computer or a 1768-EN2T module), the 1768-ENBT module's attempt to open the TCP connection may time out. The timeout occurs because the faster device has sent a reply to the 1768-ENBT module before the 1768-ENBT module socket is fully open and the module is unprepared to receive the reply. The 1768-ENBT module misses the reply and the TCP connection times out. This firmware revision corrects this issue by preparing the 1768-ENBT module to receive the reply earlier. Lgx00079880
Extensive access of the module's web pages affects functionality.	The 1768-ENBT module asserts when several users access the module's web pages at a given time. This firmware revision corrects this anomaly by making more memory available for the web pages to function properly when accessed by several users. Lgx00080499
Use of a 000.000.000 subnet mask results in a network error.	When the 1768-ENBT module's subnet mask is set to 000.000.000, the module is not recognized on the network. This firmware revision corrects this issue by using a different IP mask verification algorithm. Lgx00078991
Specifying a Host Name results in missing profile information.	If the 1768-ENBT module is configured to use a Host Name rather than an IP Address, other module properties do not display properly. When a Host Name is used, the Module Info, Port Configuration, and Port Diagnostics tabs of the Module Properties dialog do not display module information. Lgx00078678

Known Anomalies

No known anomalies have been identified with this revision.

Additional Resources

These documents contain additional information related to the 1768-ENBT module.

Resource	Description
1768-ENBT CompactLogix EtherNet/IP Communication Module Installation Instructions, publication 1768-IN002	Provides details about module installation and troubleshooting, as well as module technical specifications.
EtherNet/IP Modules in Logix5000 Control Systems User Manual, publication ENET-UM001	Provides details about how to assemble and mount the controller, how to upgrade firmware, and controller technical specifications.

You can view or download publications at http://literature.rockwellautomation.com. To order paper copies of technical documentation, contact your local Rockwell Automation distributor or sales representative.

www.rockwellautomation.com

Power, Control and Information Solutions Headquarters

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444
Europe/Middle East/Africa: Rockwell Automation, Vorstlaan/Boulevard du Souverain 36, 1170 Brussels, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640
Asia Pacific: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846

Publication 1768-RN001B-EN-P - February 2009 PN-25170
Supersedes Publication 1768-RN001A-EN-P - March 2006