GemLan Router

Release Notes

A-GML

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Firmware Revision 1.008

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1. PREFACE

1.1. COMPATIBILITY

Firmware revision 1.008 of the GemLan Router will require the following compatible versions:

Software	Version
Slate	1.055 and later

1.2. NOTES

The following should be noted:

- Firmware upgrades will be done using Aparian's Slate software.
- Aparian flash files have an *.afb* extension.
- Slate can also be used to set the initial network parameters using its DHCP server.
- Should any interruptions cause the module to not complete the firmware upgrade the module will return to Safe Mode. The user can then re-flash the module with the application firmware. See the user manual for more information regarding Safe Mode.

1.3. ADDITIONAL INFORMATION

The following resources contain additional information that can assist the user with the module installation and operation.

Resource	Link
Slate Installation	http://www.aparian.com/software/slate
GemLan Router User Manual GemLan Router Datasheet Example Code & UDTs	http://www.aparian.com/products/gemlanrouter
Ethernet wiring standard	www.cisco.com/c/en/us/td/docs/video/cds/cde/cde205_220_420/installation/guide/cde205_220_420_hig/Connectors.html
CIP Routing	The CIP Networks Library, Volume 1, Appendix C:Data Management

1.4. SUPPORT

Technical support will be provided via the Web (in the form of user manuals, FAQ, datasheets etc.) to assist with installation, operation, and diagnostics.

For additional support the user can use either of the following:

Contact Us web link	www.aparian.com/contact-us
Support email	support@aparian.com

2. IMPROVEMENTS

The following updates are included in this firmware revision.

Revision	Improvement	Description
1.008	General	Non-application specific update.
1.007	General	Non-application specific update.
1.005	DEC Net Connection	Add closing of DEC Net connection after a power cycle as well as the ability to force a connection closure or restart from Slate.
1.003	Add Modbus TCP	Added support for Modbus TCP slave mode.

3. ANOMALIES FIXED

The following anomalies have been fixed in this firmware revision.

Revision	Anomaly	Description
1.008	None	-
1.006	Force Connection Shutdown	Fixed issue where after a force GEMLen connection closure, a connection establishment was not sent when re-enabling the GEMLan communication.
1.004	Scheduled Timeout	Fixed anomaly where the wrong timeout was used for Scheduled mode.
1.002	Mapped Item execution	Fixed anomaly where only the first 10 mapped items would execute.

4. KNOWN ANOMALIES

The following known anomalies exist in this firmware revision.

Revision	Anomaly	Description
1.008	None	-