

# Product Notice

Industrial Automation



**Product:** Red Lion Series Graphite™ HMI Modules

**Date:** April 2015

## Overview:

Red Lion has expanded the Graphite HMI operator panel platform to include the following three new plug-in modules:

- **GMDN:** DeviceNet™ communication module allows the HMI to operate as a DeviceNet Group 2 server
- **GMPB:** PROFIBUS® communication module adds DP slave support
- **GMHSPA:** HSPA+ cellular module uses GSM cellular networks to provide high-speed data communications to remotely-located assets

Designed for use with the Graphite HMI platform, these modules provide the communication and connectivity customers need to add powerful functionality to their operations. These new plug-and-play modules support the rising demand for device interoperability, allowing customers to leverage Red Lion's rugged Graphite HMIs – with built-in protocol converter and 300+ communications drivers – to support virtually any automation equipment. Programmed using Red Lion's award-winning Crimson® software, Graphite plug-in modules provide a seamless space-saving solution that is easy to configure.

## What's New?

- HSPA+ Cellular Module
- DeviceNet Communication Module
- PROFIBUS Communication Module

### DeviceNet Communication Module

Red Lion's DeviceNet communication module allows the Graphite HMI to perform as a DeviceNet Group 2 server. By integrating a powerful HMI into legacy DeviceNet networks, customers benefit from enhanced functionality that includes process visualization, protocol conversion, data logging and web serving. This enables monitoring and control without the need for complicated external gateways.

### PROFIBUS Communication Module

The PROFIBUS communication module adds DP slave support, commonly used by Siemens automation equipment, to the Graphite HMI. By adding a powerful Graphite HMI to PROFIBUS equipment networks, customers are able to more easily monitor and control equipment and processes.

### HSPA+ High-Speed Cellular Module

Combining an HSPA+ cellular module with Graphite HMIs provides customers with a powerful solution to cost-effectively monitor and control remote equipment, eliminating remote site visits and providing real-time communication.

**Materials:**

- [GMDN/ GMPB Press Release](#)
- [GMHSPA Press Release](#)
- [GMDN Datasheet](#)
- [GMPB Datasheet](#)
- [GMHSPA Datasheet](#)
- [GMDN User Manual](#)
- [GMPB User Manual](#)
- [GMHSPA User Manual](#)