

# Product Notice

Industrial Automation



**Product:** Graphite® Control Products

**Date:** October 2016

## Overview:

Red Lion expands rugged [Graphite®](#) platform to add new [Graphite Core Controller](#) and [Graphite Crimson® Control Module](#) offerings that combine communication and control capabilities to reduce cost and ease operations.

Both hardware offerings leverage an enhanced version of Red Lion's powerful Crimson 3.0 software with added Crimson Control functionality to provide a single programming solution for control, networking and data visualization. Crimson Control enables customers to use IEC 61131 programming languages – such as Ladder Logic, Function Block, Structured Text and Instruction List – to solve specific application needs by developing logic control much like a Programmable Logic Controller (PLC) or Remote Telemetry Unit (RTU) without the added expense.



## What's New?

This control functionality is now available as part of:

- **[Graphite Core Controller:](#)** rugged standalone industrial controller that features all-metal construction and works with a variety of I/O modules to combine IEC 61131 control capabilities with networking and data visualization alongside the core functionality – protocol conversion, data logging and web serving – of a Graphite seven inch HMI minus the graphical display.
- **[Graphite Crimson Control Module:](#)** control module that plugs into Graphite HMIs to form an all-in-one industrial solution that adds IEC 61131 control functionality without requiring additional panel space or a separate programming package.

To support this extended functionality, Red Lion now offers rugged [Graphite Expansion Racks](#) that work with the Graphite platform to provide a scalable solution enabling organizations to remotely mount up to twelve plug-in modules to the back of a cabinet without extensive wiring. Each rack supports up to three plug-in modules and can be installed for a maximum of twenty modules per tethered Graphite connection.

## Materials:

- [Press Release](#)
- [Data Sheet: Graphite Core Controller](#)
- [User Manual: Graphite Core Controller](#)
- [Data Sheet: Graphite Crimson Control Module](#)
- [User Manual: Graphite Crimson Control Module](#)
- [Data Sheet: Graphite Expansion Racks](#)
- [User Manual: Graphite Expansion Racks](#)