Opto 22 introduces new *groov* EPIC and *groov* RIO models with Ignition 8 onboard

New groov models provide more memory and storage to support the latest releases from Inductive Automation

Temecula, CA - May 6, 2021 – California-based industrial automation and IIoT manufacturer Opto 22 has updated its flagship *groov* product line with new models designed to run the latest version of Inductive Automation's Ignition IIoT/SCADA platform. The new *groov* EPIC® processor, GRV-EPIC-PR2 (PR2), and *groov* RIO® edge I/O module, GRV-R7-MM2001-10 (MM2), both ship with Ignition Edge® 8.1 pre-installed and include expanded memory and storage to support future versions. These releases target the growing market of edge-oriented applications like operational equipment effectiveness (OEE), predictive maintenance (PdM), remote condition-based monitoring (CbM), and digital transformation/IIoT.

"The relationship between Opto 22 and Inductive Automation has always been a natural fit, and the popularity of Ignition Edge on *groov* EPIC clearly demonstrates that," said Benson Hougland, VP of marketing and product strategy at Opto 22. "With Ignition Edge 8, Inductive has made it even easier to design robust edge-of-network systems, so we doubled down on our commitment to the platform with new models that let our customers in the Ignition community take full advantage of its features."

Opto 22 became the first Ignition Onboard partner in 2017 when it introduced Ignition Edge to its *groov* product line. The *groov* EPIC edge controller uses Ignition to provide embedded OPC UA and MQTT/Sparkplug B communication, as well as optional features like database transaction management and manufacturing execution system (MES) operations. Now, with one Ignition Edge 8 license, Inductive Automation includes all of its OPC UA drivers, allows external client access to the embedded OPC UA server, and introduces mobile HMI and web scripting options.

The *groov* EPIC PR2 processor aims to support this and future releases with more than double the storage capacity of the original PR1 and nearly double the RAM. PR2 is fully compatible with existing *groov* EPIC I/O, power supply, and chassis options and provides Ignition 8 developers with an automation environment that integrates PLC, PC, and network gateway functions into a single, secure edge device.

The *groov* RIO MM2 module introduces Ignition support to Opto 22's edge I/O family, which debuted in Q1 2020 with the *groov* RIO MM1. In addition to the Power-over-Ethernet (PoE) capability and multi-signal I/O channels of its predecessor, the MM2 provides nearly double the memory and storage. With Ignition onboard, it can function as a gateway to PLCs and other third-party devices as well as send a variety of traditional I/O signals directly to on-premises and cloud-based Ignition servers.

"The quality and functionality of the new *groov* EPIC and *groov* RIO models work perfectly with Ignition 8.1," said Don Pearson, VP of sales and marketing at Inductive Automation. "Designing and building out robust architectures starting with highly functional edge-of-network systems has never been easier than now. We value our relationship with Opto 22 and we are pleased that our customers in the Ignition community can now benefit even more from that partnership."

Availability

The *groov* EPIC PR2 processor (GRV-EPIC-PR2, $1995) and *groov* RIO MM2 module (GRV-R7-MM2001-10, $895) are available this month. For additional information and application advice, contact an Opto 22 pre-sales engineer: 951-695-3000 or toll-free, 800-321-6786.

About *groov*

Opto 22's *groov* product line combines real-time I/O sensing and control with the connectivity many of today's projects require: field sensors and devices, legacy PLC systems, software applications, remote equipment, and cloud services. *groov* RIO is a flexible edge I/O module designed to quickly connect traditional wired sensors and switches directly to Ethernet networks without intermediary control or communication hardware. *groov* EPIC combines multi-option, real-time PLC control and modular I/O with a variety of other automation functions, including a web-based HMI server, an OPC UA server for integrating 3rd-party PLC data, and gateway capabilities for segmenting and securing automation networks.

About Opto 22

Opto 22 designs and manufactures industrial control products and Internet of Things platforms that bridge the gap between information technology (IT) and operations technology (OT). Based on a core design philosophy of leveraging open, standards-based technology, Opto 22 products are deployed worldwide in industrial automation, process control, building automation, industrial refrigeration, remote monitoring, and data acquisition applications. Designed and manufactured in the U.S.A., Opto 22 products have a worldwide reputation for ease-of-use, innovation, quality, and reliability. For over 40 years OEMs, machine builders, automation end-users, and information technology and operations personnel have and continue to trust Opto 22 to deliver high-quality products with superior reliability. The company was founded in 1974 and is privately held in Temecula, California, U.S.A. Opto 22 products are available through a global network of distributors and system integrators. For more information, contact Opto 22 headquarters at +1-951-695-3000 or visit www.opto22.com. Follow us on Instagram, Twitter, Facebook, LinkedIn, YouTube.

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