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Upgraded mGuard line provides security for wider range of industrial applications

Phoenix Contact has introduced several new versions of the FL mGuard industrial security devices. With upgraded hardware and advanced configuration options, the mGuard RS2000 and RS4000 can provide defense-in-depth cyber security in more critical applications.

Like the original mGuard products, some of which were discontinued earlier this year, the RS2000 and the RS4000 variants feature all-in-one firewall, virtual private network (VPN) and routing capability. Thanks to the new metal housing, the new mGuards can operate between -20 and +60 degrees Celsius, compared with 0 to 55 degrees Celsius for the original RS variants. The RS4000 is currently awaiting UL Class I, Div. 2 approval, which will make it suitable for demanding environments, such as the oil and gas industry.

The integrated SD card reader makes managing configurations much easier. Users can save a configuration on an SD card inserted in one mGuard. Then, if they want to use the same settings on another mGuard device, they can insert that card into a new mGuard. Once the mGuard has been configured with an SD card, the settings will remain, even if the SD card is removed, until reconfigured.

The RS2000 is a basic model with a limited firewall (“accept all” or “drop all” options for incoming and outgoing traffic). The full-featured RS4000 has sophisticated security capabilities including CIFS Integrity Monitoring, a full stateful inspection firewall and a user-based firewall, as well as redundancy options and other advanced features.

Upgraded mGuard line

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The RS4000 VPN and RS4000 can both be upgraded to 250 tunnels via a separately sold license. The RS2000 can support two tunnels. All of the new mGuard products have 24 V output and LED illumination on VPN activation.

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