



Media Release

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Cypress simplifies adoption of SIA's OSDP standard with OSM-CPI interface

LAPEER, Michigan — Upgrading to the benefits of the Security Industry Association's access control protocol is now simpler with the availability of the OSM-CPI interface, developed by Cypress Integration Solutions.

The cost-effective interface enables security integrators and professionals to adopt the Open Supervised Device Protocol (OSDP). OSDP is an IEC international communications standard developed by SIA to improve interoperability among access control and security products. The OSDP standard is beginning to replace Wiegand in access control settings. SIA recommends broad adoption of OSDP, especially for high-security settings.

Installed inside the panel, the OSM-CPI is a dedicated OSDP-to-legacy Wiegand control panel interface that securely connects the panel with an OSDP reader. The CPI panel interface receives the OSDP reader's credential data and converts it to Wiegand. Likewise, the CPI unit translates the panel's LED and other I/O signals to their OSDP equivalents, and sends them back to the reader. The entire exchange of data is securely encrypted, from the data received by the reader outside of the door, to the data received inside the panel.

"The Cypress OSM-CPI is the latest addition to a growing suite of OSDP integration solutions," said Cypress President Paul Ahern. "The OSM-CPI will enable wider adoption of OSDP peripheral devices without a significant investment in new panels, software and infrastructure."

Cypress led the industry in OSDP adoption tools when it released the OSM-1000 OSDP-Wiegand interface in 2015, and continued development of the interface to offer customers a smaller form factor that would fit inside a panel, a boon for retrofit applications.

Learn more about the OSM-CPI at <https://CypressIntegration.com/OSM-CPI>.

About Cypress Integration Solutions

Based in Lapeer, Michigan, Cypress Integration Solutions is a world-leading developer and manufacturer of physical access control integration solutions that save time, labor, and money, solve installation challenges, and advance adoption of SIA's OSDP protocol. Built in the USA with 37+ years of expertise, Cypress' innovative and award-winning solutions include Suprex reader-extenders, handheld readers, OSDP adoption tools, and data converters, along with custom-engineered, OEM, and ODM products. Learn more at CypressIntegration.com.

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