

5 REASONS SECURITY INTEGRATORS SHOULD BE IMPLEMENTING OSDP



Open Supervised Device Protocol (OSDP) is an access control communications standard that improves the security and interoperability of access control products.

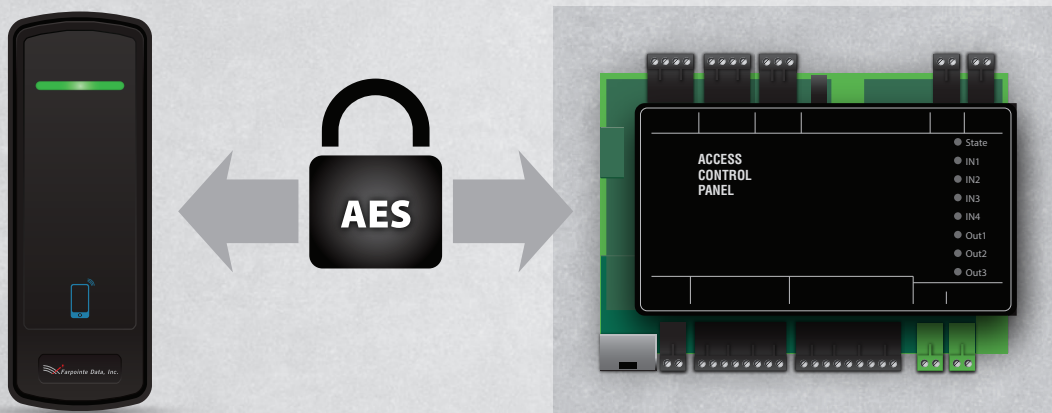
#1 OSDP is an Approved Global Standard

Adopted by the Security Industry Association (SIA) and approved by the International Electrotechnical Commission (IEC), OSDP v2 is now a global industry standard that is primed to replace decades-old legacy protocols for many applications. Integrators who don't want to be left behind need to become familiar with the OSDP protocol to provide customers with the best options for today's security challenges.



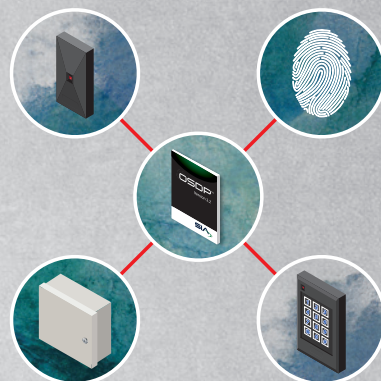
#2 OSDP Extends Security Options Beyond Legacy Technology

The Wiegand protocol, revolutionary at the time it was developed in the 1970s, gained widespread adoption over the years. But, as its popularity increased, so too did its vulnerabilities. While credential-to-reader communications made some security advancements, reader-to-controller communications remained virtually unchanged for years, leaving data at risk of being intercepted by hackers. OSDP remedies this situation by providing AES 128-bit encryption between reader and controller to prevent man-in-the-middle attacks and strengthen data integrity. Security integrators should not remain content with legacy technology, and instead broaden their offerings to include secure OSDP solutions.

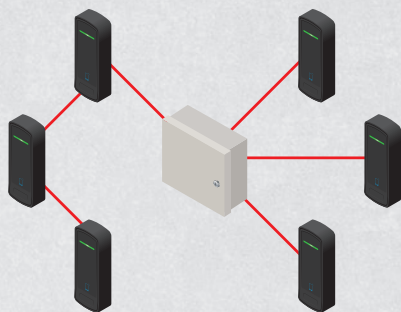


#3 OSDP Eliminates Proprietary Environments

As advancements were made to credential security, the proprietary nature of access control components increased. The features that were designed to secure one component required other components from the same manufacturer in order to maintain security integrity. OSDP is an open communications standard offering true interoperability among security devices from different manufacturers. This provides more freedom in choosing systems and components that best match the needs of a given access control application.



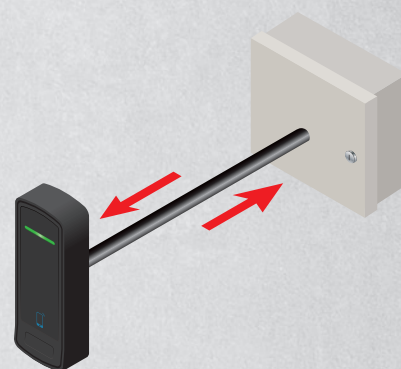
#4 OSDP Improves Installation Efficiencies and Reduces Installation Costs



By employing RS-485 serial communications, OSDP offers important installation benefits. Dedicated homerun wiring (or point-to-point) is no longer required from the access control panel to each individual reader. OSDP supports homerun installs, as well as daisy-chained, multi-drop installations, reducing the overall amount of cable required on a project. RS-485 also requires only four conductors and eliminates the 500-foot length limitation of traditional reader cabling. All of these features add up to improved installation efficiencies and reduced costs.

#5 OSDP Simplifies Service and Support

With OSDP, readers and controllers now have the ability to communicate in both directions. This improved, bi-directional communication allows for remote reader configuration—to upgrade firmware, adjust LED and beeper functionality, or perform other service needs. Bi-directional communication also enables the continuous supervision of reader status, allowing the system to instantly detect when a reader malfunctions or is tampered with. Integrators who can leverage the efficiencies OSDP provides can offer additional value to customers.





Farpointe Data is honored to be among the first three manufacturers to have earned the SIA's OSDP Verified mark on its mobile, contactless smartcard and proximity solutions.



OSDP is already enjoying widespread acceptance throughout the access control community. Integrators that can deliver the open, secure, flexible solutions that OSDP provides give themselves the best opportunity to improve customer relationships and win new business.

OSDP Resources

SIA: www.securityindustry.org/osdp

IEC: www.iec.ch

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www.farpointedata.com

Farpointe Data, Inc.
2195 Zanker Road
San Jose, CA 95131 USA
Office: +1-408-731-8700
Fax: +1-408-731-8705
support@farpointedata.com

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