

Problem	Solution	Link
Solving Wiegand problems & gaining value with Wiegand systems		
Pulling cable to install Wiegand readers over parking lots or other obstacles	Cypress Wireless Suprex® Reader-Extender	https://cypressintegration.com/products/readerextenders/spx-5631/
Elevator traveler cable lacking available conductors to accommodate a Wiegand reader	Cypress Wireless Suprex® Reader-Extender	https://cypressintegration.com/products/readerextenders/spx-5631/
Avoiding pulling new cable for Wiegand readers at sites with IP network cable	Cypress Ethernet Suprex® Reader-Extender	https://cypressintegration.com/products/readerextenders/spx-7200/
Lightning-prone sites where Wiegand readers need to be installed	Cypress Fiber Optic Suprex® Reader-Extender	https://cypressintegration.com/products/readerextenders/spx-7400/
Avoiding pulling new cable for Wiegand readers at sites with existing fiber optic cable	Cypress Fiber Optic Suprex® Reader-Extender	https://cypressintegration.com/products/readerextenders/spx-7400/
Limited conductors available to install Wiegand readers and door hardware	Cypress RS-485 Suprex® Reader-Extender	https://cypressintegration.com/products/readerextenders/spx-1300/
Electrical noise causing Wiegand signal interference	Cypress RS-485 Suprex® Reader-Extender	https://cypressintegration.com/products/readerextenders/spx-1300/
Creating temporary access points without installing permanent Wiegand readers	Cypress HHR-4000 Series Wireless Handheld Readers	https://cypressintegration.com/OSDP_wirelessHandheldReader/
Providing access control at construction sites with a Wiegand system	Cypress HHR-4000 Series Wireless Handheld Readers	https://cypressintegration.com/OSDP_wirelessHandheldReader/
Installing Wiegand readers at muster points	Cypress HHR-4000 Series Wireless Handheld Readers	https://cypressintegration.com/OSDP_wirelessHandheldReader/
Accommodating turnstile / access point overflow during shift change with a Wiegand system	Cypress HHR-4000 Series Wireless Handheld Readers	https://cypressintegration.com/OSDP_wirelessHandheldReader/
Verifying staff credentials aboard shuttle buses with a Wiegand system	Cypress HHR-4000 Series Wireless Handheld Readers	https://cypressintegration.com/OSDP_wirelessHandheldReader/
Tracking staff training session attendance with a Wiegand system	Cypress HHR-4000 Series Wireless Handheld Readers	https://cypressintegration.com/OSDP_wirelessHandheldReader/
Voltage level differences between Wiegand devices	Cypress Optical Isolator Wiegand Splitter	https://cypressintegration.com/products/dataconverters/cvx-optw/
Installing 2 readers without enough available Wiegand ports	Cypress Optical Isolator Wiegand Splitter	https://cypressintegration.com/products/dataconverters/cvx-optw/
2 Wiegand systems needing to monitor a single reader	Cypress Optical Isolator Wiegand Splitter	https://cypressintegration.com/products/dataconverters/cvx-optw/
Incompatibilities between Wiegand system components	Cypress Data Converter	https://cypressintegration.com/products/dataconverters/cvx-1300/
Integrating RS-232 serial readers/scanners into a Wiegand System	Cypress Data Converter	https://cypressintegration.com/products/dataconverters/cvx-1300/
Sharing door access between a commercial landlord and tenant with a Wiegand system	(Custom) Intelligent Wiegand Data Router/ Splitter	https://cypressintegration.com/customsolutions/
Solving challenges with SIA's OSDP access control protocol		
Adopting OSDP with a limited budget / implementing a phased OSDP migration, with interface at panel or at reader	Cypress OSDP-Wiegand Converter	https://cypressintegration.com/products/osdp/osm-1000/
Adopting OSDP with a limited budget / implementing a phased OSDP migration, with in-panel interface	Cypress OSDP-Wiegand In-Panel Interface	https://cypressintegration.com/products/osdp/osm-cpi/
Simplifying testing of OSDP setups	Cypress OSDP Hub Testing Tool	https://cypressintegration.com/osm-hub-overview/
Connecting standard door hardware to an OSDP system	Cypress OSDP Universal Door Interface	https://cypressintegration.com/OSDP_universalDoorInterface/
Preventing running cable from each door hardware device back to controller	Cypress OSDP Universal Door Interface	https://cypressintegration.com/OSDP_universalDoorInterface/
Physically isolating OSDP readers on an OSDP network	Cypress OSDP Universal Door Interface	https://cypressintegration.com/OSDP_universalDoorInterface/
Protecting against common physical OSDP attacks	Cypress OSDP Universal Door Interface	https://cypressintegration.com/OSDP_universalDoorInterface/
Creating a database of card numbers when taking over existing access control systems	Cypress OSDP Data Wedge	In development; please check back
Troubleshooting while in the field	Cypress OSDP Data Wedge	In development; please check back
Setting polling IDs / baud rates quickly & easily	Cypress OSDP COMSET Configuration Tool	In development; please check back