

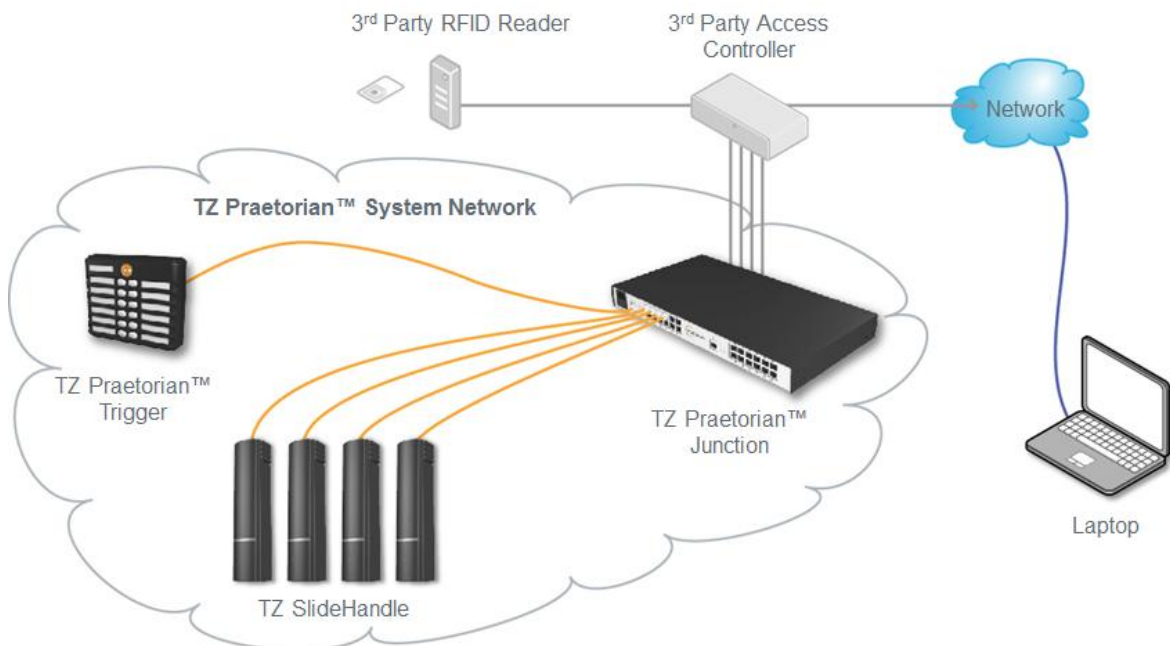


TZ Praetorian™ System

For Integration with 3rd Party Access Control Systems



The TZ Praetorian™ System is designed to work with existing third party building access control systems to extend physical security and audit trail capability down to the cabinet enclosure level. A single swipe of the same ID card used for building access provides timed authorization to nominated cabinet doors, together with discrete event monitoring and system access reporting. The system is scalable through simple industry standard structured cabling between TZ components and the access control system to manage any number of enclosures. Cabinet door access across multiple cabinets can be readily managed through the multi-cabinet trigger box with integrated status indication for quick security status identification.



Data center cabinets connected to the TZ Praetorian™ System are monitored by both the access controller and the TZ Praetorian™ Junction. The status of each cabinet door is indicated on the TZ Praetorian™ Trigger and each TZ SlideHandle™.

To open a cabinet door the user presents a valid RFID card to the card reader. The LED illuminated door buttons on the TZ Praetorian Trigger™ associated with that card will flash **ORANGE**. The user either presses the **ORANGE** flashing button on the TZ Praetorian Trigger™ that corresponds to the cabinet door they wish to open, or goes directly to the cabinet door and presses the top of the TZ SlideHandle™ to release. Once activated, the cabinet door will open and the LED button on the TZ Praetorian Trigger™ and the TZ SlideHandle™ will turn **GREEN** to indicate that the cabinet door is unlocked and open. When the cabinet door is closed and locked the LED button display on the TZ Praetorian Trigger™ and the TZ SlideHandle™ will both return to **RED**. All of the status and event information is communicated back to the controller to maintain the audit trail.

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TZ Components	Description
<p data-bbox="177 315 384 353">TZ SlideHandle™</p> 	<ul data-bbox="683 353 1414 645" style="list-style-type: none">▶ An intelligent locking device that offers a drop-in replacement for legacy manual swing-handle data center cabinet locks▶ Integrates a high load Shape Memory Alloy (SMA) actuated locking mechanism with touch to release option, multi-color LED status indicator, manual key over-ride, electronic door status sensor and RJ-45 connector▶ Powered and controlled via standard Cat5e / Cat6 cabling through a TZ Praetorian™ Junction
<p data-bbox="177 689 448 728">TZ Praetorian™ Trigger</p> 	<ul data-bbox="683 728 1414 891" style="list-style-type: none">▶ An indicator and interface device that visually communicates the status of up to 12 doors and allows authorized users to open doors with the push of a single button▶ Colored LEDs behind each button indicates the locking state of the cabinet or enclosure doors
<p data-bbox="177 987 448 1025">TZ Praetorian™ Junction</p> 	<ul data-bbox="683 1025 1414 1413" style="list-style-type: none">▶ Interprets relay output from enterprise access control systems and responds with the status of other system components▶ Provides data communication and power to one or two TZ Praetorian™ Triggers and either 12 or 24 RJ45 ports that connects to TZ SlideHandles™ and/or other TZ locking devices through structured cabling▶ Provides pluggable screw terminal blocks for either 12 or 24 connections to the I/O cards of access control systems▶ Can be mounted in a 19" 1U rack space, wall, shelf, or anywhere else convenient to the access controller and a structured cable patch panel
Non-TZ Components	Description
<p data-bbox="177 1507 384 1545">Access Controller</p>	<ul data-bbox="683 1545 1414 1720" style="list-style-type: none">▶ Control device with ability to change relay outputs and detect input changes▶ This device provides the interface for setup and configuration, typically by treating the TZ locking devices like floors of an elevator
<p data-bbox="177 1727 384 1765">Structured Cabling</p>	<ul data-bbox="683 1765 1414 1816" style="list-style-type: none">▶ Cabling interconnect system that provides RJ45 patch panels, and 100m or less separation between system devices
<p data-bbox="177 1823 336 1861">RFID Reader</p>	<ul data-bbox="683 1861 1414 1912" style="list-style-type: none">▶ Any industry standard card reader that interacts with the Access Controller
<p data-bbox="177 1919 320 1957">RFID Cards</p>	<ul data-bbox="683 1957 1414 2007" style="list-style-type: none">▶ Card with a unique Radio Frequency Identification, used for authorization