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TZ Centurion™ System

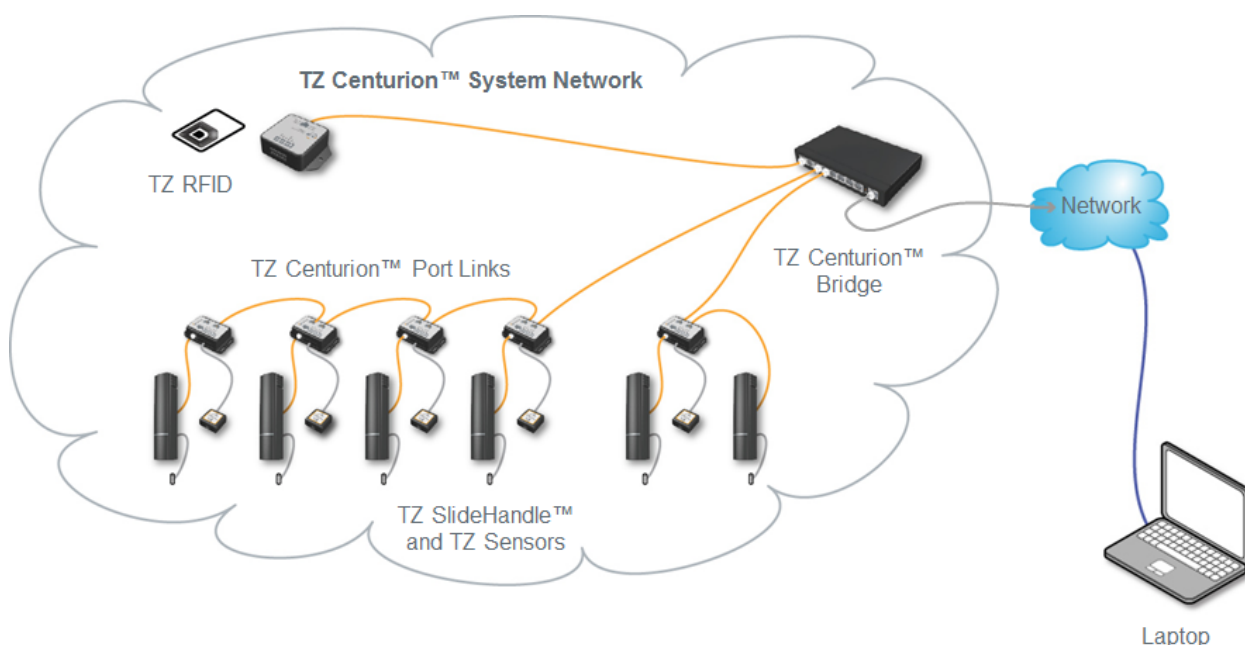
For Stand-Alone Access Control and Environmental Monitoring



The TZ Centurion™ System solution truly defines micro-protection. The System's IP based access control system focuses on delivering physical security and environmental monitoring such as temperature sensing, humidity sensing and leak detection at the most granular level from anywhere in the world. TZ Centurion™ is a cost effective, flexible, retrofitable and easy to implement solution that has been designed specifically to protect your organization's most valuable and sensitive assets.

Built on an open and extendable architecture, the patented decentralized and embedded intelligence within the system locking devices provide an unprecedented level of capability that cannot be readily delivered by conventional systems in terms of the integrity, control, auditability and traceability of discrete assets.

Depending on model the TZ Centurion™ Bridge can support 8, 32 or 70 TZ locking devices and 16, 64 or 140 sensors. Each bridge can be managed individually or scaled to a larger system, allowing hundreds of networked TZ locking devices, sensors, gateways and other third party components to be administered through TZ Centurion™ Server software or through a third party network management system that supports Simple Network Management Protocol (SNMP).



TZ Centurion™ System

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TZ Components	Description
TZ SlideHandle™ / TZ Radial™ 	▶ Intelligent locking devices integrating a high load Shape Memory Alloy (SMA) actuated locking mechanism ▶ TZ Radial™ is a compact, lightweight device with embedded intelligence for networking, switching and connection with other smart objects ▶ TZ SlideHandle™ offers a drop-in replacement for legacy manual swing-handle data center cabinet locks 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 Centurion™ Bridge
TZ Sensors 	▶ TZ Sensors are extremely cost-effective devices providing environmental monitoring within the TZ Centurion™ network at the cabinet enclosure level across a range of operating conditions: temperature, humidity, door contact and leak detection
TZ Centurion™ Link Modules 	▶ TZ Centurion™ Link Modules provide power and serial data connection for TZ devices plus RS-485 serial data connections for the continuation of the network. Link modules can also act as inline power injectors in order to power devices and provide additional I/O connectors for accessories like sensors, in-cabinet task lighting and fans.
TZ Centurion™ RFID 	▶ The TZ Centurion™ RFID reader with integrated Wiegand translator connects to a TZ Centurion network and provides access control via RFID or by interpreting a Wiegand data stream from third party security devices such as biometric scanners. ▶ The TZ Centurion™ RFID reader can operate on a stand-alone basis controlling a small network of devices, or as a network device that transmits information — like access attempts — to the system level.
TZ Centurion™ Bridge 	▶ TZ Centurion™ Bridge is an IP-based gateway that provides power and communication to a range of TZ locking devices, sensors, readers and other components operating on a RS485 network running on structured Cat5e / Cat6 cabling. ▶ The TZ Centurion™ network can be operated as a stand-alone system using the integrated TZ web client as a component of a separate enterprise application, or as part of a multi-TZ Centurion™ Bridge network managed by TZ Centurion™ Server, or through integration with a third party access management database via SNMP.