



infrastructure
protection INC

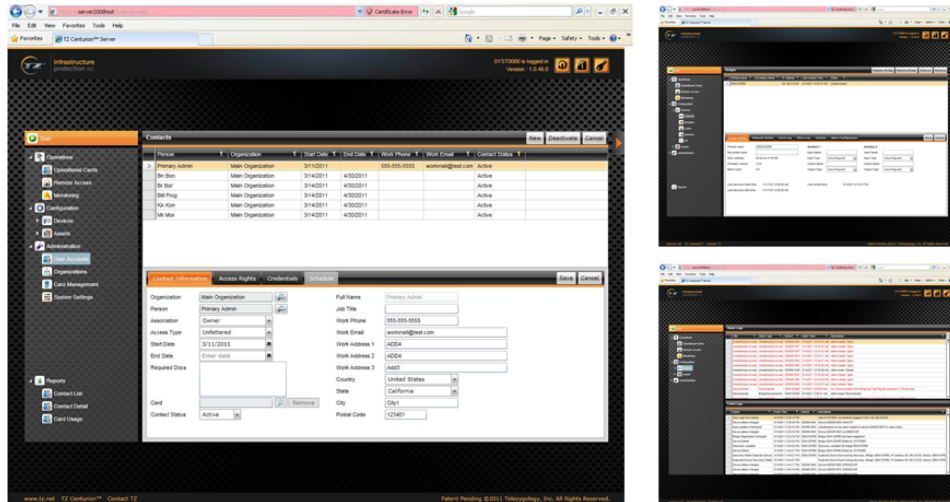
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TZ Centurion™ Server

Remote System Monitoring and Control

TZ Centurion™ Server is an application built on a Microsoft® Rich Internet Applications (RIA) platform which enables centralized remote management of critical assets managed by the TZ Centurion™ System such as computer cabinets, high tech equipment and other secure environments.



TZ Centurion™ Server communicates, controls, manages and reports on multiple TZ Centurion™ installations, managing all devices residing within the integrated system of networked TZ locking devices, sensors, gateways and other third party components like card readers, biometric devices and in-cabinet webcams. The platform stores all captured data, events and logs in a securely accessible central SQL Server® database and leverages smart client technology for its cross-browser user interface.

TZ Centurion™ Server can be seamlessly integrated with existing enterprise applications like Building Management, System Maintenance, Enterprise Resource Planning, Configuration Management, Geographic Information Systems and Customer Web Portals.

TZ Centurion™ Server

- ▶ TZ Centurion™ Server Foundation
- ▶ TZ Web Client Access License (CAL) – for each software user
- ▶ TZ Device Access License (DAL) – for each lock, translator, or reader
- ▶ TZ Centurion™ Server – 1 Server Foundation, 2 CAL, 32 DAL
- ▶ Annual Maintenance Support Program

network requirements

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|-------------|--|
| Incoming: | Standard network connection with HTTPS enabled (configurable - port 443 default)
Public internet or VPN both acceptable |
| Outgoing: | Standard network connection or VPN connection to TZ Centurion™ Bridges |
| Throughput: | Minimum 100MB/sec. 1GB/sec recommended for WAN or other long distance situations. |
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hardware and software requirements

Server	Windows Server 2008 or later, 1G RAM minimum, 40G HD.
Software	WCF feature support activation, IIS 7.0/7.5 with setup of web service layer and website. SQL Server 2008 or later, SQL Express by default Local and domain administrator rights are required for installation.

features

User Interface

- ▶ Rich and smart web user interface, for both computer screens and handheld devices
- ▶ Only accessible after authentication and authorization

Server Foundation

- ▶ Running on Windows® Server and central SQL Server® database
- ▶ Multi-user, multi-device and multi-gateway support
- ▶ Manages a broad range of TZ and third party devices including TZ locking devices, TZ sensors, webcams, card readers, biometric devices and network gateways
- ▶ Real-time monitoring of TZ devices and event logging
- ▶ Role based user access to accommodate different types of users like facility managers, security officers, engineers, IT staff and analysts

Security

- ▶ Secure remote access control over the network for authorized users – Supports dual factor authentication
- ▶ Real-time alert notification via SNMP trap, SMS and/or email
- ▶ Secure Sockets Layer (SSL) communication between server hardware and software end points
- ▶ Secure multi-point proprietary RS485 communications between hardware and security devices

Operations

- ▶ Welcome screen showing key charts, data feeds and performance indicators
- ▶ Basic access management and issues management for operational cards
- ▶ Operational reports on environment factors and access of assets

Integration

- ▶ Integration with other applications and systems through Web Service APIs, data integration, and SNMP

benefits

- ▶ Assets, devices and data are organized and presented based on customer's needs and standards
- ▶ Status of all assets and their environment visually presented, up to date and easily perused
- ▶ Varying levels of data mining and access can be granted on a user-by-user, or organization basis
- ▶ Physical visits can be planned, coordinated and scheduled, or physical access can be granted on demand
- ▶ Complete audit trails and traceability
- ▶ Scalable architecture with upgradeable modules and extendable functionality



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