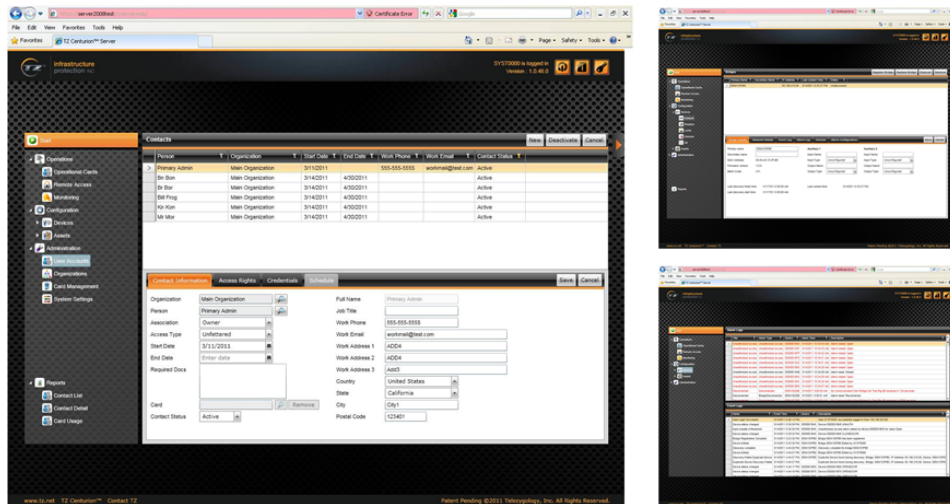




TZ Centurion™ Server is an application built on a Microsoft® Rich Internet Applications (RIA) platform which enables centralized remote management of critical assets managed by the TZ Centurion™ System such as computer cabinets, high tech equipment and other secure environments.



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.

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### 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

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### network requirements

- 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.

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## 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