

TZ CENTURION™ SERVER

REMOTE SYSTEM MONITORING & CONTROL

PRODUCT OVERVIEW

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

Key Features

User Interface

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

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.
- Realtime 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 authorised users – Supports dual factor authentication.
- Realtime 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.



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.

Features & Benefits

- Assets, devices and data are organised 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 organisation basis.
- Physical visits can be planned, co-ordinated and scheduled, or physical access can be granted on demand.
- Complete audit trails and traceability.
- Scalable architecture with upgradeable modules and extendable functionality.

Specifications Overview

Specifications subject to change to suit particular application requirements.

TZ Centurion™ Server Components

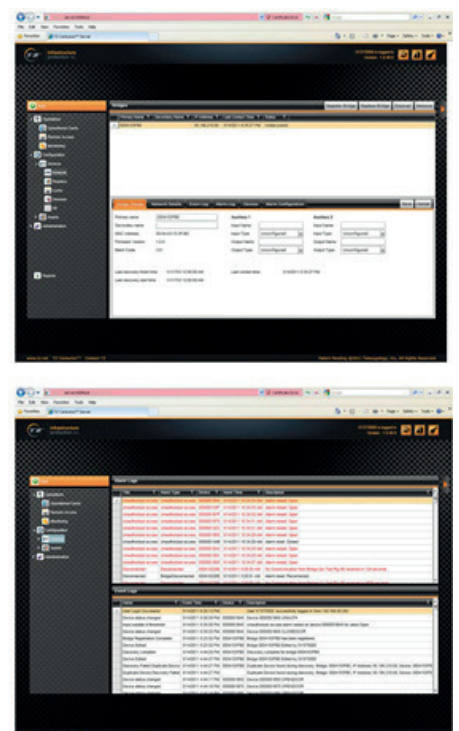
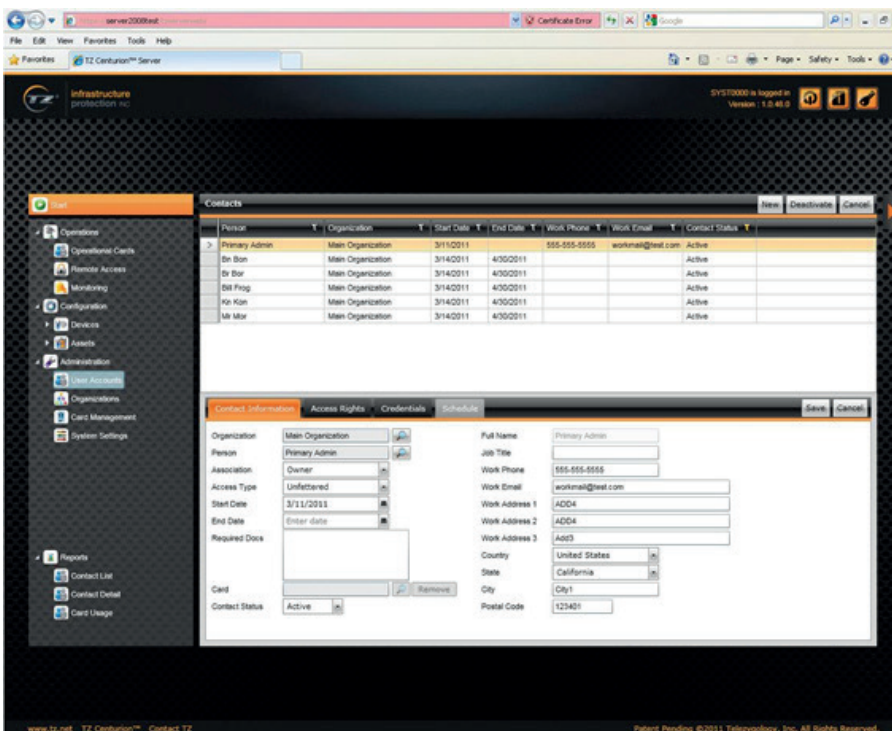
- TZ Centurion™ Server Foundation.
- TZ Web Client Access License (CAL) – For four admin software users.
- TZ Device Access License (DAL) – 32 Device access licence. One device is any of a lock, sensor, translator, or reader.
- Annual Maintenance Support Program

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. |

Hardware & Software Requirements

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|-----------|---|
| Server: | Windows Server 2008 or later, 1G RAM minimum, 40G HD. |
| Software: | <ul style="list-style-type: none"> • 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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