



- ATCA and MicroTCA System Manager
- Ability to remotely connect and access system resources
- Virtual system view with real time status
- Reporting system faults
- Monitoring chassis temperature and cooling
- Ability to navigate down the system resource tree using the graphical interface
- Ability to configure and upgrade the system remotely
- Windows and Linux installations

Overview

ScorpionWare® is a VadaTech System Management Software Application used to Control, Manage and Monitor AdvancedTCA and MicroTCA platforms. Telecom, Military and Aerospace projects are increasingly using AdvancedTCA and MicroTCA platforms. Integration and testing of these complex platforms are one of the stumbling blocks to integrators and add delays to final deployment. ScorpionWare® provides an easy to use Graphical User Interface with several features for monitoring, trouble shooting and easy integration of these platforms.

Platform Management Support

ScorpionWare® is a cross-platform application written in QT. The application interfaces with any ATCA and MicroTCA Platform Management Interface Compliant Management Software using RMCP+ to establish a secure connection.

ScorpionWare® provides an interface to the VadaTechMicroTCA Shelf Manager or the Carrier Manager. The interface is based on IPMI 2.0, AdvancedTCA™ PICMG 3.0, and MicroTCA 1.0 specifications and can be used to access information about the current state of the Shelf or the Carrier, obtain information such as the FRU population, or monitor alarms, power management, current sensor values, and the overall health of the Shelf. The interface can also be used to update Shelf and Carrier configurable parameters.

Operating System

The ScorpionWare® System Manager Application is available for Linux (Fedora release) and Windows Operating Systems for 64-bit and 32-bit architectures.

Features

- The ScorpionWare detects the type of end system (ATCA or MicroTCA) and switches its management automatically
- Using the backplane information the system manager will construct the end system /chassis virtual view.
- FRU Active and Hotswap status
- FRU Activation and deactivation
- System Resource and entity navigation
- Temperature monitoring
- Active alarm notification and location of failure

- Cooling and Fan Geography
- System cooling level
- Viewing Sensor Data Repository
- Sensors and Reading
- Monitoring Sensors and logging
- LED Management and Lamp Testing
- PEF Configuration
- LAN Configuration
- User Account Administration
- Viewing and Updating FRU Information
- View Electronic Keying Information and port enables
- View System Power Management
- Alerting
- Access to System Event Logs
- Telco Management
- SNMP Trap Configuration
- SNMP Trap receiver
- HPM Upgrade
- FRU EEPROM Read/Write

Cluster Management

The ScorpionWare® System Manager can be configured to manage and multiple ATCA and MicroTCA Shelf Managers which may be distributed at different locations. The System network configuration XML files can be exported and shared between administrators.