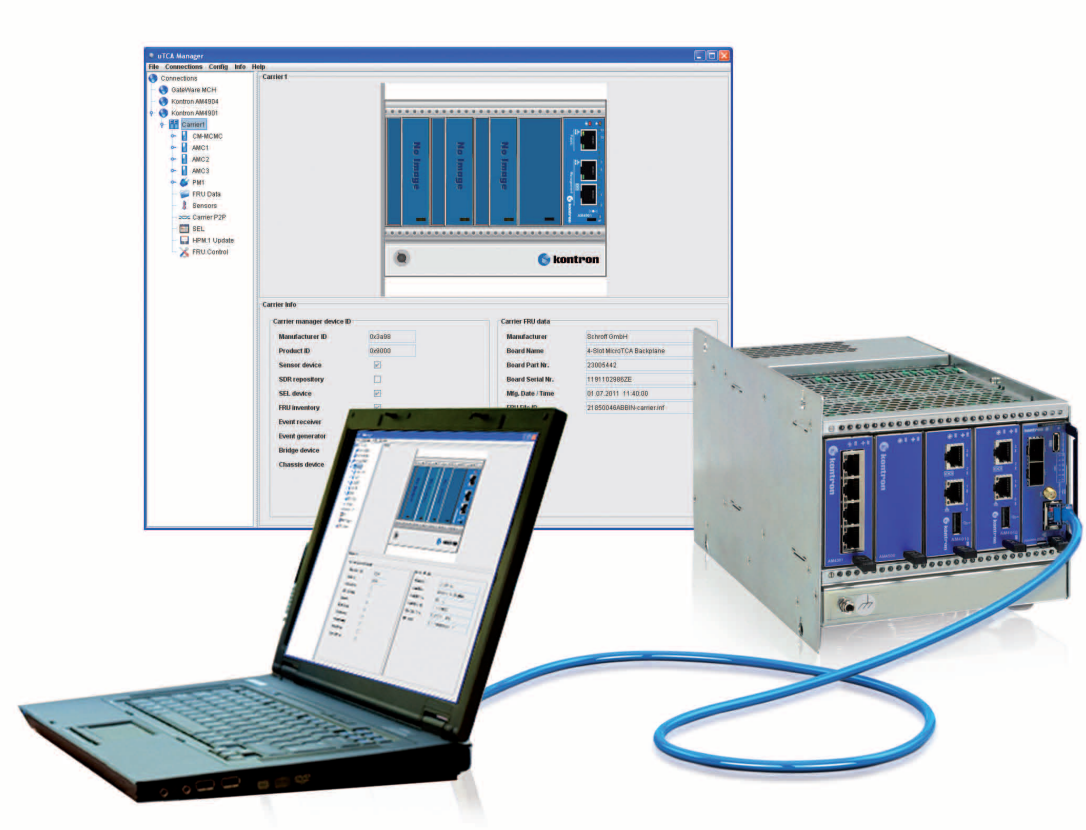
kontron

» OMVIU «



MicroTCA Configuration Management Software

» Graphical User Interface for system configuration

» Icon based visualisation

» No need for cryptic CLI commands

» Java based tool for Mac OS, Windows, Linux and others

» Supports all standard compliant systems, MCHs and AMCs

» Trace and error logging facilities

OMVIU
MicroTCA Configuration Management Software

The OMVIU MicroTCA Configuration Management Software is a Java based graphical tool for remote monitoring and control of MicroTCA systems. The intuitive GUI allows the simultaneous access to several MicroTCA shelf or carrier managers. The product supports the entire Kontron AMC/MicroTCA product family and standard compliant systems (backplanes, fan units, power modules), MCHs and AMCs from other vendors. With OMVIU, there is no need to remember cryptic CLI commands: all remote control and visualization can be done per mouse click. Boards and systems may be configured without deep knowledge of IPMI, sensors and other MicroTCA specific detail.

The Graphical User Interface is easy to learn and helps to create remote controlled MicroTCA systems. Vendor specific recognition and graphical representation of boards and components is normalized for easy addition of new icon layouts as bitmaps. With its trace and error logging facilities it is possible to find non-specification conform behavior of components. During development, lab evaluation, and deployment, the remote system may be supervised with user notification on changes.

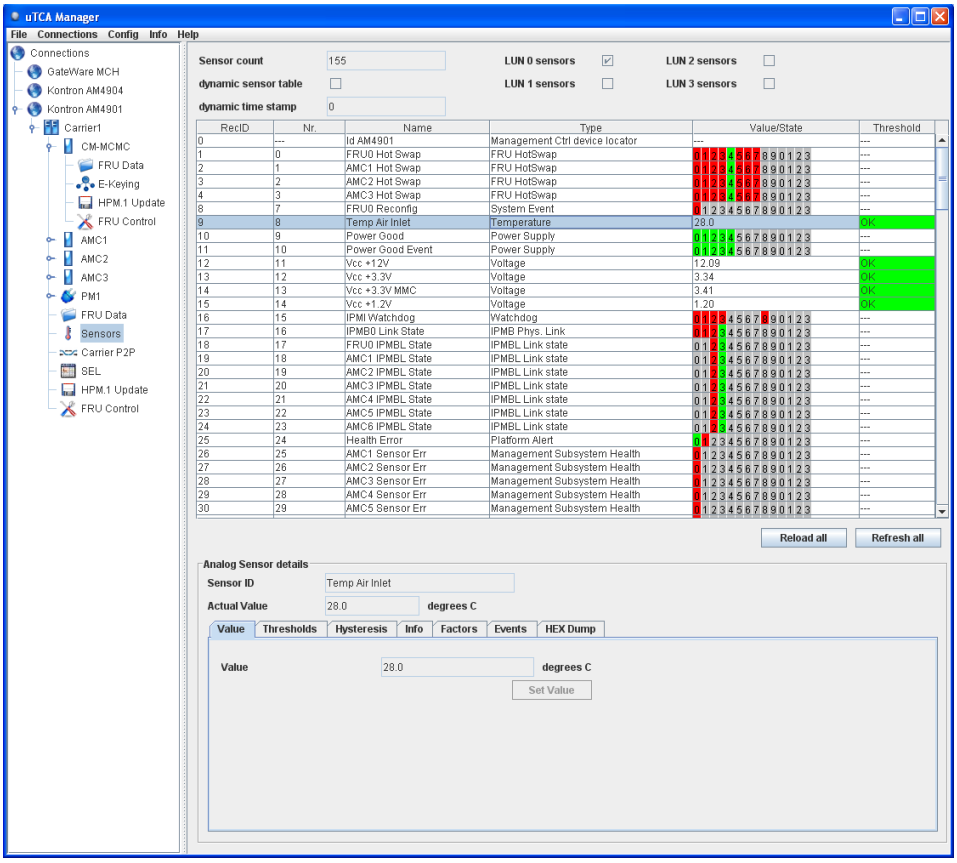
Features

» Supports any standard compliant MicroTCA system (vendor independent)
» Runs on every operating system with Java machine installed
» Allows administrators to remotely monitor, diagnose and configure MicroTCA systems
» Graphical representation of the system and boards (icons, states and connectivity)
» Quick platform and GUI setup
» Configuration options to control the GUI behavior
» GUI starts up with individual configuration
» Comprehensive tooltips explanation on selected items
» No knowledge of system details like addresses or IDs necessary
» Plugin interface for vendor specific applications
» Supervisory of the remote system with popup messages on changes
» User friendly translation of sensors SDR representation
» Display of sensor value and state
» SDR repository table view
» Visualization of fabric E-keying connection results and states
» Selection of components in the graphical or tree representation of the system
» Remote access from any location via RMCP
» Graphical representation of all backplane connections
» Detailed FRU data viewer
» Decoding and textual display of FRU data
» Control of the remote system via standard and OEM IPMI commands:
  - cold and warm reset
  - state of FRU self test
  - display and control of LEDs
  - fan control
  - power channel control
  - sensor configuration, thresholds, hysteresis, event generation
» Display and control of LED states, system event log (SEL) display, filter and clear
» Sending of raw IPMI commands
» Setting of remote system time
» Remote update of components via HPM.1 protocol
» Simultaneous update of multiple components
» Trace of all IPMI commands between GUI and remote system with configurable filter
» Error logging for fixing IPMI protocol anomalies and irregularities

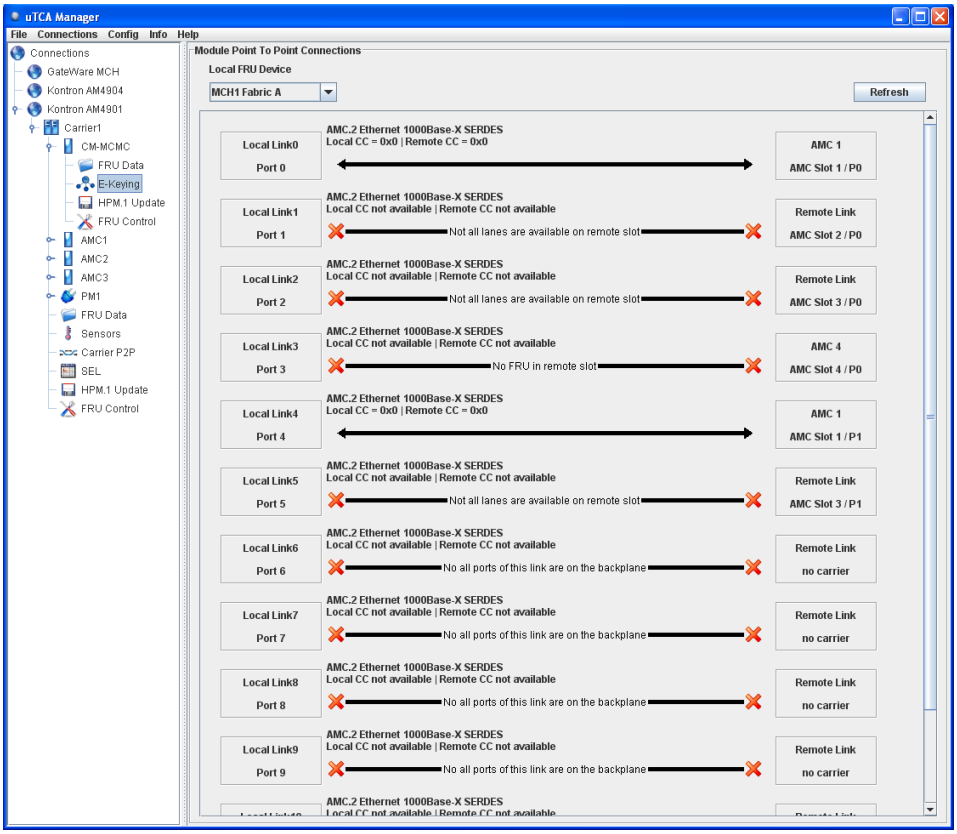
Customer Options

» Input window for customer specific configuration by IPMI OEM commands
» Build-in web-browser for parallel access to Ethernet switch GUI
» Redirection of Telnet session to build-in console
» Usage of customer specific Logos and Icons
» Shelf and system manager functionality
» Telco alarm management
» IPMI message trace analyzer on backplane traffic
» Generic IPMI message generator for individual board tests
» Long term data journaling (e.g. fan speed) witch graphical representation
» FRU data management

SENSOR READOUTS



E-KEYING RESULTS



Technical Information

Standards	PICMG MTCA.0: MicroTCA specification R1.0 PICMG AMC.0: Advanced Mezzanine Card specification R1.0/R2.0 PICMG AMC.2: Gigabit Ethernet R1.0 PICMG HPM.1: Firmware upgrade R1.0 IPMI Intelligent Platform Management Interface Specification V1.5/V2.0
Documentation	Installation and configuration manual
Minimum PC Requirements	RAM: 512 MByte of memory or more Screen resolution: 1280x1024 or higher Interface to remote system: Ethernet TCP/IP/RMCP Software Platform: Java Runtime Environment (JRE 1.6.x)

Ordering Information

Article	Description
OMVIU	Configuration Software incl. Runtime License

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