

System Requirements	
Supported OS	Required software
Microsoft Windows (7, XP): 32bit & 64bit	SUN JRE 6+
Mac OS X (10.6, 10.7): Intel platform, 32bit & 64bit	Apple JRE 6+

Changes		
Date	Version	Change
2013-03-15	1.9.1	<b>Fixed bugs:</b> <ul style="list-style-type: none"> <li>Fixed ACL Assignment in <b>CON Devices</b></li> <li>Fixed setting of date in <b>Date and Time</b></li> </ul>
2013-02-15	1.9.0	<b>Features and enhancements:</b> <ul style="list-style-type: none"> <li>Support of SNTP protocol</li> <li>Set date and time in <b>Date and Time</b></li> <li>New parameters for a CPU Device Scanner in <b>CON Devices</b></li> <li>Support of <b>Multi-Screen Control</b></li> <li>Display I/O Board and CPU Board serial numbers in <b>Matrix Firmware</b></li> <li>Support of SNMP Trap configuration</li> <li>Restart of I/O Boards by using the <b>Matrix View</b> context menu</li> <li>New parameter <b>Enable Old Echo</b> to support old echo format</li> </ul> <b>Improvements:</b> <ul style="list-style-type: none"> <li>Added new parameters to <b>Configuration Report</b>, optimized representation of EXT Units reports</li> <li>Full switching support of custom extenders in <b>Matrix View</b></li> <li>Additional video mode in <b>Ext Units – General OSD Data</b> in a resolution of 1920 x 1200</li> <li>Optimized templates dialog in <b>CPU Devices</b> and <b>CON Devices</b></li> <li>Added <b>Online Configuration Mode</b> to toolbar</li> <li>Optimized sorting in Virtual CON Devices and Virtual CPU Devices</li> <li>Support of French(CH) as a new keyboard layout</li> <li>Syslog will continue running in the background, if syslog tab is closed</li> <li>Syslog log files support csv format</li> </ul> <b>Fixed bugs:</b> <ul style="list-style-type: none"> <li>Fixed commit of changes in <b>Copy Settings From</b> dialog when <b>Online Configuration Mode</b> is activated</li> <li>Fixed cancel of changes in checkboxes</li> <li>Changes in IP text field leads to activation of apply buttons</li> <li>Fixed crash in Save Status</li> </ul>
2012-12-13	1.8.1	<b>Improvements:</b> <ul style="list-style-type: none"> <li>Improved visualization of <b>Online Configuration Mode</b></li> <li>Allow user without password</li> <li>Improved handling of corrupt configurations</li> </ul>

		<p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• Fixed broken Custom Extender Assignment in <b>CPU Devices</b> and <b>CON Devices</b></li> <li>• Removed double call of <b>Modification Detected Dialog</b> in <b>Definition Panels</b> after pressing Cancel Button</li> </ul>
2012-11-28	1.8.0	<p><b>Features and enhancements:</b></p> <ul style="list-style-type: none"> <li>• Parallel Extender Update</li> <li>• Online Configuration Mode</li> <li>• Switching per Drag &amp; Drop in <b>Matrix View</b></li> <li>• Disconnect Console from CPU in <b>Matrix View</b></li> <li>• Support of Syslog Protocol</li> <li>• License management implemented</li> <li>• Number of Favorites increased to 16</li> <li>• Distributed firmware update of extenders via IO boards</li> <li>• Extender OSD Data tab to change extender OSD settings in <b>EXT Units</b></li> <li>• FIX Frame option for CPU devices adds a semi-transparent colored frame to the video</li> <li>• Private access is now a property of the CPU device and is also supported by Macros and Favorites</li> <li>• Basic support of SNMP service</li> <li>• Macros offer simplified Push/Get functions</li> </ul> <p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• Added <b>Definition - User</b> to <b>Configuration Reports</b></li> <li>• Improved <b>Extended Switch</b> View, supports Private Mode</li> <li>• Improved <b>Presets</b> View, supports Private Mode</li> <li>• Drag &amp; Drop support for Firmware files (*.tfw, *.efw)</li> <li>• Replaced assignment dialog by assignment wizard in Definition panels</li> <li>• Function <i>Reset Matrix</i> renamed to <i>Factory Reset</i></li> <li>• Function <i>Draco Service</i> renamed to <i>API Service</i></li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• Remove all connections when deleting CPU Device</li> <li>• Enable all OSD checkboxes in <b>Update Matrix Firmware</b></li> </ul>
2012-08-01	1.7.1	<p><b>Features and enhancements:</b></p> <ul style="list-style-type: none"> <li>• Support of TERA048c</li> </ul> <p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• Added port number column to <b>Extender Assignment</b> table</li> <li>• Show <b>Matrix View</b> in Online Mode on startup</li> <li>• New Custom Template for fixed port extender in <b>Definition – EXT Units</b></li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• Fixed focus problems in Download Dialog</li> </ul>
2012-06-06	1.7.0	<p><b>Features and enhancements:</b></p> <ul style="list-style-type: none"> <li>• <b>Configuration Reports</b> in PDF format</li> <li>• Enable/Disable Automatic reload of <b>Matrix View</b></li> <li>• Show network connection state in <b>Matrix View</b></li> <li>• Show/Hide Port numbers in <b>Matrix View</b></li> </ul> <p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• Improved usability and layout of <b>EXT Firmware</b></li> </ul>

		<ul style="list-style-type: none"> <li>• Improved usability and layout of <b>Update EXT Firmware</b></li> <li>• Improved Standard and Expert View for extender types in <b>Ext Units</b></li> <li>• Improved Upload and Download Dialog</li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• Fixed bug which occurred during data communication when <b>Echo Mode</b> is activated</li> <li>• Fixed problems with Video-only connections in <b>Presets</b></li> <li>• Fixed error in configuration file upload and download with JRE 7+ and Windows 7</li> </ul>
2012-04-18	1.6.2	<p><b>Features and enhancements:</b></p> <ul style="list-style-type: none"> <li>• Demo mode (Connection to IP address 255.255.255.255 opens files named demo.dtf and demo.dtc in the tool directory for demo purposes)</li> </ul> <p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• Supports switching of <b>Virtual CON Devices</b></li> <li>• Added <b>Private Mode</b> state to <b>Matrix View</b></li> <li>• Show Invalid Ports in <b>Matrix View</b>, e.g. when a <b>Fixed Port Extender</b> is connected to port which is not a fixed port</li> <li>• Download of config files requires admin rights</li> <li>• Show assigned device of a <b>Fixed Port Extender</b> in <b>MatrixView</b> property sheet</li> <li>• Changes in Options dialog will be activated without application restart</li> <li>• Renamed <b>Switch Macros</b> to <b>Presets</b></li> <li>• Drag &amp; Drop support for config files (mac os &amp; windows)</li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• <b>Load Firmware</b> displays Matrix View again</li> <li>• Configuration upload with a wrong password shows a error message</li> <li>• Disabled upload of firmware files (*.dtf)</li> <li>• Avoid sending of connection data in <b>Extended Switch</b> in case of cancelling CPU Device selection</li> </ul>
2012-03-09	1.6.1	<p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• New connection management between application and <b>Matrix</b></li> <li>• Added legend to <b>Matrix View</b></li> <li>• Supports new module and extender names</li> <li>• Upload of config files requires admin rights</li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• No blocking of application when closing tab</li> <li>• Activation of <b>Enable New User, Enable New CON</b> enables all CPUs for a new user or new console</li> </ul>
2012-02-10	1.6.0	<p><b>Features and enhancements:</b></p> <ul style="list-style-type: none"> <li>• CON Macros</li> <li>• User Macros</li> </ul> <p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• Show Slot ID in <b>Matrix View</b></li> <li>• Addition of IP Address column to <b>Activate Configuration</b> table</li> <li>• Expand <b>Matrix Firmware</b> views by default</li> <li>• Different firmware states are colored in <b>Matrix Firmware</b> views</li> <li>• Show CPU Devices in <b>Favorites - Available CPU</b> table in</li> </ul>

		<p>dependency of Console ACL's state</p> <ul style="list-style-type: none"> <li>• Optimized matrix restart</li> <li>• Addition of tooltip to cpu port in <b>Matrix View</b></li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• Allow Cancel on changes in <b>User Favorites</b></li> <li>• Fixed refresh of <b>Update Ext Firmware</b></li> </ul>
2011-12-22	1.5.0	<p><b>Features and enhancements:</b></p> <ul style="list-style-type: none"> <li>• Switch Macros</li> <li>• Optionsdialog for default settings</li> <li>• Encrypted configuration files</li> <li>• System – Access: New parameters <b>Enable New User</b> and <b>Enable New CON</b></li> <li>• <b>Reset</b> button to reset all connections in <b>Extended Switch</b></li> </ul> <p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• Redesign of <b>Matrix View</b> representation</li> <li>• Selection behaviour of IO-Boards in <b>Update Matrix Firmware</b></li> <li>• Optimized performance when creating new devices in big configurations</li> <li>• Renamed and reordered task names</li> <li>• Optimized representation on Mac</li> <li>• Added multiselection in overview tables</li> <li>• Added row number in overview tables</li> <li>• Added port to <b>Extender</b> tables</li> <li>• Added columns <b>Current Version</b> and <b>Current Date</b> to <b>Update Matrix Firmware</b> and <b>Update EXT Firmware</b> update views</li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• Fixed context menus on Mac</li> <li>• Removed <b>Fixed Ports</b> from gobal view of <b>Update EXT Firmware</b></li> <li>• Fixed blocking of Definition views when selecting <b>Hide Devices w/o Extender Assignment</b> checkbox in <b>Extended Switch</b></li> </ul>
2011-11-10	1.4.2	<p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• Reduced time for loading configuration</li> <li>• Reduced time for extender update by restarting matrix instead of restarting IO cards</li> </ul>
2011-11-07	1.4.1	<p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• Green shared icon added to <b>Matrix View</b> and <b>Switch Console to CPU</b></li> <li>• Virtual CPUs added to <b>Favorites</b> list</li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• Assignment of real to virtual consoles added to online mode</li> <li>• Fixed treeview update when expanding and collapsing per mouse in <b>Matrix Firmware</b> and <b>Update Matrix Firmware</b></li> </ul>
2011-11-04	1.4.0	<p><b>Features and enhancements:</b></p> <ul style="list-style-type: none"> <li>• CPUs are configurable as favorites in <b>User Data</b> and <b>CON Devices</b></li> <li>• Connect with hostname or ip address in connection dialog</li> <li>• <b>ip</b> is replaced by <b>hostname</b> in defaults.cfg</li> <li>• New icons in <b>Matrix View</b> and <b>Switch Console to CPU</b> to display <b>Shared Access</b></li> <li>• Users are pointed out to save changes before program exit</li> <li>• Remember last selection in template dialog of <b>EXT Units</b>, <b>CPU Units</b>, <b>CON Devices</b> and <b>User Data</b></li> </ul>

		<ul style="list-style-type: none"> <li>Restrict access rights of <b>Power User</b> to <b>Matrix View</b> and <b>Switch Console to CPU</b> panels</li> <li>Checkbox to hide devices without extender assignment in <b>Switch Console to CPU</b></li> </ul> <p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>Context menu added to <b>Switch Console to CPU</b></li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>Enter does not work in finish panel of import/export dialog</li> <li>Fixed Offline configuration of <b>Video Only Access</b> in <b>Switch Console to CPU</b></li> <li>Fixed Configuration of KVM sharing in <b>Switch Console to CPU</b> when <b>Auto Send</b> is disabled</li> <li>Dialog of Upload action in toolbar now appears every time</li> <li>If there are changes when closing the application, only one save dialog will be shown</li> </ul>
2011-10-13	1.3.2	<p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li><b>Update Matrix Firmware, Update Ext Firmware:</b> Deselect disabled checkboxes in column <b>Update</b></li> <li><b>Virtual to Real CPU</b> assignment does not work</li> </ul>
2011-10-11	1.3.1	<p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>Optimized Extender Firmware update process</li> <li>Added <b>Service Mode</b> state in <b>Matrix Firmware</b> view</li> <li>Show wait cursor during expanding treeview in <b>Matrix Firmware</b> view</li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>Removed repeating update in Single Firmware Update</li> <li>Wrong <b>Fixed Port</b> validation in <b>Ext Units</b></li> <li>Fixed Collapsing of <b>Matrix Firmware</b> view after directory change</li> <li>Fixed wrong background error color for Upgrade Modules in <b>Update EXT Firmware</b> tables</li> <li>Non Administration panels are disabled in <b>Service Mode</b></li> <li>Fixed broken support dialog</li> </ul>
2011-09-26	1.3.0	<p><b>Features and enhancements:</b></p> <ul style="list-style-type: none"> <li>Supports Extender Updates</li> <li><b>CON Device:</b> New parameter, <b>LOS Frame</b></li> <li>Relative pathnames in defaults.cfg</li> <li>Improved directory management in FileChooser-Dialogs</li> <li><b>System Data Panel:</b> Slave definition revised &amp; clarified</li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li><b>Restart Switch</b> needs admin rights</li> <li><b>Switch Console to CPU:</b> Fixed KVM sharing bug in <b>Auto Send</b> mode</li> <li><b>Update Matrix Firmware:</b> Fixed Update problem when a default path is selected</li> <li>Fixed communication errors in <b>LAN Echo</b> mode</li> </ul>
2011-08-19	1.2.0	<p><b>Features and enhancements:</b></p> <ul style="list-style-type: none"> <li>Loading and saving of firmware status</li> <li>Filterable dropdown box in tables</li> <li>Auto send function in <b>Switch Console to CPU</b>, <b>Real to Virtual Console</b> and <b>Virtual to Real CPU</b></li> <li><b>Matrix View:</b> Port number is flashing when selected</li> </ul>

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		<ul style="list-style-type: none"><li>• <b>Firmware Update:</b> Supports OSD and HID updates</li><li>• Drag &amp; drop file open support (windows only)</li><li>• <b>CON Device:</b> New parameters, <b>Allow Login</b> and <b>Force Login</b></li><li>• <b>Ext Units:</b> New parameter, <b>Video Mode</b></li><li>• Restart switch action</li></ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"><li>• Fixed selection problem in sorted and filtered tables</li><li>• Fixed incomplete reload in some views</li></ul>
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