

# Draco tera – Tera Tool

## Release Notes

System Requirements
<p><b>Microsoft Windows</b></p> <ul style="list-style-type: none"> <li>Windows 7, Windows 8, Windows 8.1, Windows 10</li> <li>Free memory of 512 MB recommended</li> </ul> <p><b>OS X</b></p> <ul style="list-style-type: none"> <li>OSX 10.7 (Lion) or higher</li> <li>Free memory of 512 MB recommended</li> <li>Intel Platform</li> <li>Oracle Java 1.7 update 40 or higher recommended</li> </ul> <p><b>Java</b></p> <ul style="list-style-type: none"> <li>The Oracle Java Runtime Environment (JRE) 1.7.x, is the minimum version required. However, we strongly recommend the last version of Oracle Java 1.7 update 76, or the latest Oracle Java 8. (<a href="http://www.java.com">http://www.java.com</a>)</li> </ul>

Changes		
Date	Version	Change
2016-11-23	3.3.1.0	<p><b>Features and enhancements:</b></p> <ul style="list-style-type: none"> <li><b>System - Matrix Grid:</b> New <b>Offline Grid Wizard</b> in status and configuration files</li> <li><b>Assignment – Virtual CPU Assignment:</b> Allow assignment of a real CPU to multiple virtual CPU's</li> <li><b>Macro – Assign CPU, Assign CON:</b> Added <b>Remove Assignment</b> parameter</li> </ul> <p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>File Upload/Download communication improved</li> <li><b>System – Matrix Grid:</b> Improved communication between TeraTool and matrix in <b>Online Grid Wizard</b></li> <li>Reduced communication between TeraTool and matrix</li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li><b>Matrix View:</b> Fixed missing SFP label for fiber cards</li> <li><b>Macros:</b> Fixed incomplete macro clean up when deleting consoles or user</li> <li><b>System – Matrix Grid:</b> Fixed bug in merge of macros</li> </ul>
2016-10-11	3.3.0.1	<p><b>Features and enhancements:</b></p> <ul style="list-style-type: none"> <li>Support of display port cpu extender with FZVDECPU firmware</li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>Fixed possible blocking of <b>Matrix View</b> during I/O type detection</li> </ul>
2016-09-29	3.3.0.0	<p><b>Features and enhancements:</b></p> <ul style="list-style-type: none"> <li>Support of redundant CPU boards</li> </ul>

		<ul style="list-style-type: none"> <li>• <b>Flash Update:</b> New extender firmware update wizard</li> <li>• <b>Definition – CON Devices:</b> Added <b>OSD Disabled</b> parameter</li> <li>• <b>System - Access:</b> New parameter <b>OR User/CON ACL</b></li> <li>• <b>System - Access:</b> New parameter <b>AND User/CON ACL</b></li> <li>• <b>System – Switch:</b> New parameter <b>Macro Single Step</b></li> <li>• Support of Multicast communication</li> </ul> <p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• Significant improvement of <b>Matrix Firmware Update</b> performance for matrix firmware &gt;= V03.03</li> <li>• <b>Save Status:</b> Check device name for invalid characters</li> <li>• Show configuration file version in status bar</li> <li>• <b>Matrix Grid:</b> When merging a configuration the new fixed port position in the grid will be calculated. Reduced network traffic. Improved messages in message panel.</li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• Fixed <b>Matrix Firmware Update</b> when using 1G and 3G I/O boards in the same matrix</li> <li>• <b>Save Status:</b> Fixed reading detailed extender information in grid</li> <li>• <b>Matrix Grid – Merge:</b> Fixed initialization of user</li> <li>• <b>Connect-Dialog:</b> fixed URL encoding</li> </ul> <p><b>This version does not support matrix firmware older than V03.00!</b></p>
2016-05-12	3.1.2.3	<p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• Fixed I/O port background color for unused ports</li> </ul>
2016-05-02	3.1.2.2	<p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• <b>Save Status:</b> More detailed information while saving extender status</li> <li>• <b>Multi-Screen Control:</b> More detailed information in <b>Matrix View</b> and <b>Grid Port View</b> by highlighting invalid and not available <b>CON Devices</b></li> <li>• <b>Matrix View:</b> Display fiber XV I/O boards as XV instead of SFP</li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• Fixed Drag&amp;Drop of files for JRE 1.8.0_91 on Linux and OS X</li> <li>• Display ports with invalid status as invalid ports</li> </ul>
2016-04-08	3.1.2.1	<p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• Optimized memory management</li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• <b>Definition Panels:</b> fixed reload function</li> <li>• <b>Extender CSV Import:</b> fixed import</li> </ul>
2016-03-23	3.2.0.0	<p><b>Features and enhancements:</b></p> <ul style="list-style-type: none"> <li>• Support of Draco tera 576</li> <li>• <b>CON Devices:</b> New <b>Show Macro List</b> option</li> <li>• <b>Matrix View / Grid Port View:</b> New <b>Reset Extender</b> command in context menu of matrix port</li> <li>• <b>Matrix View / Grid Port View:</b> Show detailed <b>Routing Information</b></li> <li>• <b>Save Status:</b> New option <b>Save Status of all matrices in the grid</b></li> </ul> <p><b>Improvements:</b></p>

		<ul style="list-style-type: none"> <li>• Support of 32 macro keys</li> <li>• Support of 24 matrices in grid</li> <li>• Optimized memory management</li> </ul> <p><b>Fixed bugs:</b> <b>Definition Panels:</b> fixed reload function</p>
2016-03-17	3.1.2.0	<p><b>Features and enhancements:</b></p> <ul style="list-style-type: none"> <li>• <b>Flash Update:</b> New U-Switch firmware update wizard</li> </ul> <p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• Support Grid Board</li> <li>• Support Single I/O Board update</li> <li>• <b>Matrix Firmware Update / Extender Firmware Update – Sequential Mode:</b> Added <b>Additional selection options</b> button to display table selection options</li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• <b>KM-Switch MSC Configurator:</b> fixed block layout for 8 port draco U-Switch.</li> <li>• Fixed IP-Textfield</li> </ul>
2015-12-01	3.1.1.0	<p><b>Features and enhancements:</b></p> <ul style="list-style-type: none"> <li>• <b>KM-Switch MSC Configurator:</b> New multi-screen control configurator for draco U-Switch. Horizontal, vertical, block and free layout supported.</li> <li>• <b>Matrix View / Grid Port View:</b> Display usage of Grid Lines</li> </ul> <p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• Improved communication between TeraTool and matrix grid</li> </ul>
2015-10-20	3.1.0.2	<p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• Advanced support of 474-SNMP</li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• <b>Macros:</b> Fixed P2 selection in <b>User/CON Device</b> Macros</li> <li>• <b>Definition – Ext Units:</b> Use of secondary port to get firmware version information, if primary port is not connected</li> <li>• <b>Monitoring:</b> Ensuring that monitoring toolbar button will be reenabled when monitoring tab is closed</li> <li>• <b>New Configuration:</b> Fixed new configuration file creation</li> </ul>
2015-08-10	3.1.0.1	<p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• <b>Device Finder:</b> Automatic start of <b>Device Finder</b> upon opening the Tera Tool (can be set in <b>Extras</b>)</li> <li>• Several performance improvements</li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• <b>Definition – User:</b> Fixed blocking UI when creating a new user</li> </ul>
2015-06-22	3.1.0.0	<p><b>Features and enhancements:</b></p> <ul style="list-style-type: none"> <li>• Full Redundancy Support</li> <li>• <b>System – Network:</b> Support of second syslog server and configurable syslog port</li> <li>• <b>System – Network:</b> Support of second SNMP trap receiver</li> <li>• <b>System – Network:</b> Support of LDAP</li> <li>• <b>Support of SNMP-Board</b></li> </ul>

		<ul style="list-style-type: none"> <li>• <b>Network Check:</b> Check availability of FTP, API and Syslog connections and ports</li> </ul> <p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• <b>Status – Matrix View:</b> Display of slot number for draco tera enterprise matrices</li> </ul>
2015-05-12	3.0.4.2	<p><b>Features and enhancements:</b></p> <ul style="list-style-type: none"> <li>• <b>Macros:</b> Added <b>Current User</b> as parameter</li> </ul>
2015-05-07	3.0.4.1	<p><b>Features and enhancements:</b></p> <ul style="list-style-type: none"> <li>• <b>Administration - Miscellaneous:</b> New panel for updating CPU-board and I/O-board FPGA design</li> </ul> <p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• <b>Administration – Miscellaneous:</b> Improved <b>OSD Update</b> panel</li> <li>• <b>Ext Firmware Update:</b> Optimized reload of firmware information</li> </ul>
2015-04-22	3.0.4.0	<p><b>Features and enhancements:</b></p> <ul style="list-style-type: none"> <li>• <b>Definition - CPU Devices:</b> New <b>CON Access Control</b> and <b>User Access Control</b> panels</li> <li>• <b>Administration - Miscellaneous:</b> New update panel for updating visual appearance of OSD</li> <li>• Support of extender creation in offline mode</li> <li>• Support of CSV import for new extender in offline mode</li> <li>• <b>Definition – EXT Units:</b> new <b>Firmware Version</b> panel</li> <li>• Support of Russian encoding (windows-1251)</li> </ul> <p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• <b>Status – Matrix View:</b> Port numbers can be shown as local or grid port numbers</li> <li>• <b>Matrix Firmware:</b> Mark matrix firmware conflicts in grid</li> <li>• <b>Administration - Update EXT Firmware:</b> Optimized Update View in Parallel Mode</li> <li>• <b>System – Network:</b> Displaying default syslog and SNMP ports</li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• <b>Definition - EXT Units:</b> Prevention of various exceptions</li> <li>• <b>Extender Assignment:</b> Do not allow Drag&amp;Drop of empty rows</li> <li>• <b>Switch communication:</b> Fixed error in <b>LAN Echo</b> management</li> </ul>
2014-11-21	3.0.3.2	<p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• <b>Firmware Panels:</b> Improved reload performance</li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• <b>Update Ext Firmware - Parallel Update:</b> Fixed update duration calculation</li> </ul>
2014-11-13	3.0.3.1	<p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• <b>Save Status:</b> Improved functionality</li> <li>• <b>Update Ext Firmware - Sequential Update:</b> Improved performance</li> <li>• <b>Grid:</b> Display <b>Master</b> and <b>Sub</b> in tab title</li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• <b>License Management:</b> Fixed serial number in status zip file in grid environment</li> </ul>

2014-09-15	3.0.3.0	<p><b>Features and enhancements:</b></p> <ul style="list-style-type: none"> <li>• Support of EXTICON, EXTDP CON, EXTDP CPU, MATXUNI</li> <li>• Added new sort buttons to favorites assignment and extender assignment</li> </ul> <p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• Optimized memory management</li> <li>• <b>Shutdown Matrix:</b> Improved shutdown message</li> <li>• <b>Restart Matrix:</b> Changed restart behaviour after matrix firmware updates</li> <li>• Optimized data management in <b>Status - Matrix Firmware</b> and <b>Status - EXT Firmware</b></li> <li>• Show offline matrices in a different color in <b>Status - Matrix Firmware</b> and <b>Status - EXT Firmware</b></li> <li>• Added context menu actions to <b>Status – Ext Firmware / Component View</b></li> <li>• <b>Matrix Grid:</b> Added <b>Keep ID</b> option</li> <li>• <b>System Check:</b> Check <b>Invalid I/O Board</b> parameter</li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• Fixed restart of I/O board in <b>Grid Port View</b></li> </ul>
2014-07-01	3.0.2.1	<p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• Optimized <b>License Management</b> view</li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• <b>Update EXT Firmware:</b> Fixed calculation of update duration in parallel update mode</li> </ul>
2014-06-13	3.0.2.0	<p><b>Features and enhancements:</b></p> <ul style="list-style-type: none"> <li>• Validation of EXTMSD / EXTIMSD version in <b>System Check</b> and Extender Firmware View</li> <li>• Added Drag&amp;Drop support in <b>Extender Assignment, Favorites</b> and <b>CPU Access Control</b> View</li> <li>• Added save button to toolbar to save configuration changes instantly on the matrix</li> <li>• <b>Syslog:</b> Added new filter options and search functions</li> </ul> <p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• <b>Save Status</b> saves all serials and firmware versions within a Matrix Grid</li> <li>• Optimized loading time in <b>Status EXT Firmware</b></li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• Fixed possible NullPointerException in syslog</li> <li>• Reload port status before executing <b>Save Status</b></li> <li>• <b>Multi-Screen Control:</b> Show correct values in <b>Enabled</b> column</li> </ul>
2014-04-11	3.0.1.0	<p><b>Features and enhancements:</b></p> <ul style="list-style-type: none"> <li>• Support of <b>Matrix Shutdown</b></li> <li>• Added <b>Device Finder</b> functionality</li> <li>• Added <b>Redundancy</b> parameter to <b>System Data</b> and <b>CON Devices</b></li> <li>• Added OSD Position defaults to <b>EXT Units – Extender OSD Data</b></li> </ul> <p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• Added toolbar button text</li> </ul>

		<ul style="list-style-type: none"> <li>• Added scrollbar to <b>Multi-Screen Control</b> panel</li> <li>• Added MAC-Address textfield to System - Network</li> <li>• Optimized initialization process of <b>Matrix View</b></li> <li>• Allow activation of <b>Echo Only</b> and <b>Synchronize</b> at once</li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• Fixed master detection in grid environment</li> <li>• Fixed blocking of <b>Activate Configuration</b> when executing on multiple connections at the same time</li> </ul>
2014-02-07	3.0.0.0	<p><b>Features and enhancements:</b></p> <ul style="list-style-type: none"> <li>• Support of Matrix Grid <ul style="list-style-type: none"> <li>- Matrix Grid Configuration Wizard</li> <li>- Grid Port View</li> <li>- Enhanced Matrix and EXT Firmware View</li> </ul> </li> <li>• <b>Syslog:</b> Support of daily logfiles</li> <li>• <b>Syslog:</b> Added <b>Autostart</b> option</li> <li>• <b>Status – Ext Firmware:</b> New Component View</li> <li>• Support of Duallink extenders</li> <li>• Added matrix status LED in statusbar</li> </ul> <p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• <b>Administration – Activate Configuration:</b> Added version column</li> <li>• <b>Macros:</b> Toolbar buttons replaces context menu</li> <li>• <b>Macros:</b> Added visual overview of various configured macros</li> <li>• <b>Definition panels:</b> New text for <b>New</b> and <b>Delete</b> buttons</li> <li>• <b>System – Network:</b> Show current IP Address in DHCP mode</li> <li>• <b>Configuration Report:</b> Now supports the saving of <b>System</b> settings</li> <li>• Optimized performance on config reload</li> <li>• Changed sorting order in syslog trace file</li> <li>• Improved extender update process</li> <li>• <b>Assignment – Multi-Screen Control:</b> Show restart I/O board dialog</li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• <b>Assignment – Multi-Screen Control:</b> Fixed enable/disable bug</li> <li>• <b>Extender Assignment:</b> Fixed sorting of port column</li> </ul>
2013-11-28	1.9.5	<p><b>Features and enhancements:</b></p> <ul style="list-style-type: none"> <li>• <b>Definition – EXT Units:</b> Support of new <b>Video Mode</b> 1280x800.</li> <li>• <b>Definition – CON Device:</b> New Parameter <b>Port Mode.</b></li> </ul>
2013-09-04	1.9.4	<p><b>Features and enhancements:</b></p> <ul style="list-style-type: none"> <li>• <b>System - System Data:</b> New parameter <b>Echo Only</b></li> </ul> <p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• Support of Universal I/O boards and extender</li> <li>• Added <b>Select All</b> checkbox to <b>Assign Settings to... / Copy Settings from...</b></li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• Fixed displaying of warnings/errors in <b>Status – EXT Firmware</b></li> <li>• Fixed selection of first table row in <b>Multi-Screen Control</b></li> <li>• Fixed wrong description in <b>System Validation</b></li> </ul>
2013-06-26	1.9.3	<p><b>Features and enhancements:</b></p> <ul style="list-style-type: none"> <li>• <b>System - System Data:</b> New parameter <b>Load Default</b></li> </ul>

		<p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• Improved <b>Factory Reset of I/O Boards</b> action</li> <li>• Differentiation between connection error and user/pwd error in connection dialog</li> <li>• Optimized protocol messages after firmware upload and reload</li> <li>• Show Message on Syslog startup when syslog port is already in use</li> <li>• Allow changes in <b>Ext Units - General OSD Data</b> for custom CON ports</li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• Fixed <b>Save Status</b> on Mac OS X</li> <li>• Fixed reload after firmware upload</li> </ul>
2013-06-14	1.9.2	<p><b>Features and enhancements:</b></p> <ul style="list-style-type: none"> <li>• System Check</li> </ul> <p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• Syslog supports autostart function</li> <li>• Improved FTP communication</li> <li>• Improved upload of extender firmware</li> <li>• Support of Keyboard layout <b>English GB, 166</b></li> <li>• Extender ID is no longer allowed to be changed in <b>Definition – EXT Units</b></li> <li>• Additional tooltips to <b>System Data – OSD Data</b></li> <li>• Save Status includes trace.log and ioboard.log</li> <li>• Support of <b>Login User</b> macro</li> <li>• Improved table filter option in definition panels</li> <li>• Improved displaying of warnings/errors in <b>Status – EXT Firmware</b></li> <li>• Support of Factory Reset</li> </ul> <p><b>Fixed bugs:</b></p> <ul style="list-style-type: none"> <li>• Password field in <b>Connect Dialog</b> supports special characters</li> <li>• When configuration mode is activated, the context menu of the macro table is enabled</li> <li>• Fixed time display in update progress bar</li> <li>• Fixed AppName position in syslog</li> </ul>
2013-03-15	1.9.1	<p><b>Fixed bugs:</b></p> <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	<p><b>Features and enhancements:</b></p> <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> <p><b>Improvements:</b></p> <ul style="list-style-type: none"> <li>• Added new parameters to <b>Configuration Report</b>, optimized</li> </ul>

		<p>representation of EXT Units reports</p> <ul style="list-style-type: none"> <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> <p><b>Fixed bugs:</b></p> <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	<p><b>Improvements:</b></p> <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> </ul>



		<ul style="list-style-type: none"> <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> <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 Optionsdialog 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 dependency of Console ACL's state</li> <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> </ul>

		<ul style="list-style-type: none"> <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 global 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> <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</b>, <b>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, 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> <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>