

Draco tera – Tera Tool

Release Notes

System Requirements	
Supported OS	Required software
Microsoft Windows (8, 7, XP): 32bit & 64bit	SUN JRE 6+ (Update 34)
Mac OS X (10.6, 10.7): Intel platform, 32bit & 64bit	Apple JRE 6+

Changes		
Date	Version	Change
2014-11-21	3.0.3.2	<p>Improvements:</p> <ul style="list-style-type: none"> • Firmware Panels: Improved reload performance <p>Fixed bugs:</p> <ul style="list-style-type: none"> • Update Ext Firmware - Parallel Update: Fixed update duration calculation
2014-11-13	3.0.3.1	<p>Improvements:</p> <ul style="list-style-type: none"> • Save Status: Improved functionality • Update Ext Firmware - Sequential Update: Improved performance • Grid: Display Master and Sub in tab title <p>Fixed bugs:</p> <ul style="list-style-type: none"> • License Management: Fixed serial number in status zip file in grid environment
2014-09-15	3.0.3.0	<p>Features and enhancements:</p> <ul style="list-style-type: none"> • Support of EXTICON, EXTDPCON, EXTDPCPU, MATXUNI • Added new sort buttons to favorites assignment and extender assignment <p>Improvements:</p> <ul style="list-style-type: none"> • Optimized memory management • Shutdown Matrix: Improved shutdown message • Restart Matrix: Changed restart behaviour after matrix firmware updates • Optimized data management in Status - Matrix Firmware and Status - EXT Firmware • Show offline matrices in a different color in Status - Matrix Firmware and Status - EXT Firmware • Added context menu actions to Status – Ext Firmware / Component View • Matrix Grid: Added Keep ID option • System Check: Check Invalid I/O Board parameter <p>Fixed bugs:</p> <ul style="list-style-type: none"> • Fixed restart of I/O board in Grid Port View

2014-07-01	3.0.2.1	<p>Improvements:</p> <ul style="list-style-type: none"> • Optimized License Management view <p>Fixed bugs:</p> <ul style="list-style-type: none"> • Update EXT Firmware: Fixed calculation of update duration in parallel update mode
2014-06-13	3.0.2.0	<p>Features and enhancements:</p> <ul style="list-style-type: none"> • Validation of EXTMSD / EXTIMSD version in System Check and Extender Firmware View • Added Drag&Drop support in Extender Assignment, Favorites and CPU Access Control View • Added save button to toolbar to save configuration changes instantly on the matrix • Syslog: Added new filter options and search functions <p>Improvements:</p> <ul style="list-style-type: none"> • Save Status saves all serials and firmware versions within a Matrix Grid • Optimized loading time in Status EXT Firmware <p>Fixed bugs:</p> <ul style="list-style-type: none"> • Fixed possible NullPointerException in syslog • Reload port status before executing Save Status • Multi-Screen Control: Show correct values in Enabled column
2014-04-11	3.0.1.0	<p>Features and enhancements:</p> <ul style="list-style-type: none"> • Support of Matrix Shutdown • Added Device Finder functionality • Added Redundancy parameter to System Data and CON Devices • Added OSD Position defaults to EXT Units – Extender OSD Data <p>Improvements:</p> <ul style="list-style-type: none"> • Added toolbar button text • Added scrollbar to Multi-Screen Control panel • Added MAC-Address textfield to System - Network • Optimized initialization process of Matrix View • Allow activation of Echo Only and Synchronize at once <p>Fixed bugs:</p> <ul style="list-style-type: none"> • Fixed master detection in grid environment • Fixed blocking of Activate Configuration when executing on multiple connections at the same time
2014-02-07	3.0.0.0	<p>Features and enhancements:</p> <ul style="list-style-type: none"> • Support of Matrix Grid <ul style="list-style-type: none"> - Matrix Grid Configuration Wizard - Grid Port View - Enhanced Matrix and EXT Firmware View • Syslog: Support of daily logfiles • Syslog: Added Autostart option • Status – Ext Firmware: New Component View • Support of Duallink extenders • Added matrix status LED in statusbar <p>Improvements:</p>

		<ul style="list-style-type: none"> • Administration – Activate Configuration: Added version column • Macros: Toolbar buttons replaces context menu • Macros: Added visual overview of various configured macros • Definition panels: New text for New and Delete buttons • System – Network: Show current IP Address in DHCP mode • Configuration Report: Now supports the saving of System settings • Optimized performance on config reload • Changed sorting order in syslog trace file • Improved extender update process • Assignment – Multi-Screen Control: Show restart I/O board dialog <p>Fixed bugs:</p> <ul style="list-style-type: none"> • Assignment – Multi-Screen Control: Fixed enable/disable bug • Extender Assignment: Fixed sorting of port column
2013-11-28	1.9.5	<p>Features and enhancements:</p> <ul style="list-style-type: none"> • Definition – EXT Units: Support of new Video Mode 1280x800. • Definition – CON Device: New Parameter Port Mode.
2013-09-04	1.9.4	<p>Features and enhancements:</p> <ul style="list-style-type: none"> • System - System Data: New parameter Echo Only <p>Improvements:</p> <ul style="list-style-type: none"> • Support of Universal I/O boards and extender • Added Select All checkbox to Assign Settings to... / Copy Settings from... <p>Fixed bugs:</p> <ul style="list-style-type: none"> • Fixed displaying of warnings/errors in Status – EXT Firmware • Fixed selection of first table row in Multi-Screen Control • Fixed wrong description in System Validation
2013-06-26	1.9.3	<p>Features and enhancements:</p> <ul style="list-style-type: none"> • System - System Data: New parameter Load Default <p>Improvements:</p> <ul style="list-style-type: none"> • Improved Factory Reset of I/O Boards action • Differentiation between connection error and user/pwd error in connection dialog • Optimized protocol messages after firmware upload and reload • Show Message on Syslog startup when syslog port is already in use • Allow changes in Ext Units - General OSD Data for custom CON ports <p>Fixed bugs:</p> <ul style="list-style-type: none"> • Fixed Save Status on Mac OS X • Fixed reload after firmware upload
2013-06-14	1.9.2	<p>Features and enhancements:</p> <ul style="list-style-type: none"> • System Check <p>Improvements:</p> <ul style="list-style-type: none"> • Syslog supports autostart function

		<ul style="list-style-type: none"> • Improved FTP communication • Improved upload of extender firmware • Support of Keyboard layout English GB, 166 • Extender ID is no longer allowed to be changed in Definition – EXT Units • Additional tooltips to System Data – OSD Data • Save Status includes trace.log and ioboard.log • Support of Login User macro • Improved table filter option in definition panels • Improved displaying of warnings/errors in Status – EXT Firmware • Support of Factory Reset <p>Fixed bugs:</p> <ul style="list-style-type: none"> • Password field in Connect Dialog supports special characters • When configuration mode is activated, the context menu of the macro table is enabled • Fixed time display in update progress bar • Fixed AppName position in syslog
2013-03-15	1.9.1	<p>Fixed bugs:</p> <ul style="list-style-type: none"> • Fixed ACL Assignment in CON Devices • Fixed setting of date in Date and Time
2013-02-15	1.9.0	<p>Features and enhancements:</p> <ul style="list-style-type: none"> • Support of SNTP protocol • Set date and time in Date and Time • New parameters for a CPU Device Scanner in CON Devices • Support of Multi-Screen Control • Display I/O Board and CPU Board serial numbers in Matrix Firmware • Support of SNMP Trap configuration • Restart of I/O Boards by using the Matrix View context menu • New parameter Enable Old Echo to support old echo format <p>Improvements:</p> <ul style="list-style-type: none"> • Added new parameters to Configuration Report, optimized representation of EXT Units reports • Full switching support of custom extenders in Matrix View • Additional video mode in Ext Units – General OSD Data in a resolution of 1920 x 1200 • Optimized templates dialog in CPU Devices and CON Devices • Added Online Configuration Mode to toolbar • Optimized sorting in Virtual CON Devices and Virtual CPU Devices • Support of French(CH) as a new keyboard layout • Syslog will continue running in the background, if syslog tab is closed • Syslog log files support csv format <p>Fixed bugs:</p> <ul style="list-style-type: none"> • Fixed commit of changes in Copy Settings From dialog when Online Configuration Mode is activated • Fixed cancel of changes in checkboxes • Changes in IP text field leads to activation of apply buttons • Fixed crash in Save Status

2012-12-13	1.8.1	<p>Improvements:</p> <ul style="list-style-type: none"> • Improved visualization of Online Configuration Mode • Allow user without password • Improved handling of corrupt configurations <p>Fixed bugs:</p> <ul style="list-style-type: none"> • Fixed broken Custom Extender Assignment in CPU Devices and CON Devices • Removed double call of Modification Detected Dialog in Definition Panels after pressing Cancel Button
2012-11-28	1.8.0	<p>Features and enhancements:</p> <ul style="list-style-type: none"> • Parallel Extender Update • Online Configuration Mode • Switching per Drag & Drop in Matrix View • Disconnect Console from CPU in Matrix View • Support of Syslog Protocol • License management implemented • Number of Favorites increased to 16 • Distributed firmware update of extenders via IO boards • Extender OSD Data tab to change extender OSD settings in EXT Units • FIX Frame option for CPU devices adds a semi-transparent colored frame to the video • Private access is now a property of the CPU device and is also supported by Macros and Favorites • Basic support of SNMP service • Macros offer simplified Push/Get functions <p>Improvements:</p> <ul style="list-style-type: none"> • Added Definition - User to Configuration Reports • Improved Extended Switch View, supports Private Mode • Improved Presets View, supports Private Mode • Drag & Drop support for Firmware files (*.tfw, *.efw) • Replaced assignment dialog by assignment wizard in Definition panels • Function <i>Reset Matrix</i> renamed to <i>Factory Reset</i> • Function <i>Draco Service</i> renamed to <i>API Service</i> <p>Fixed bugs:</p> <ul style="list-style-type: none"> • Remove all connections when deleting CPU Device • Enable all OSD checkboxes in Update Matrix Firmware
2012-08-01	1.7.1	<p>Features and enhancements:</p> <ul style="list-style-type: none"> • Support of TERA048c <p>Improvements:</p> <ul style="list-style-type: none"> • Added port number column to Extender Assignment table • Show Matrix View in Online Mode on startup • New Custom Template for fixed port extender in Definition – EXT Units <p>Fixed bugs:</p> <ul style="list-style-type: none"> • Fixed focus problems in Download Dialog

2012-06-06	1.7.0	<p>Features and enhancements:</p> <ul style="list-style-type: none"> • Configuration Reports in PDF format • Enable/Disable Automatic reload of Matrix View • Show network connection state in Matrix View • Show/Hide Port numbers in Matrix View <p>Improvements:</p> <ul style="list-style-type: none"> • Improved usability and layout of EXT Firmware • Improved usability and layout of Update EXT Firmware • Improved Standard and Expert View for extender types in Ext Units • Improved Upload and Download Dialog <p>Fixed bugs:</p> <ul style="list-style-type: none"> • Fixed bug which occurred during data communication when Echo Mode is activated • Fixed problems with Video-only connections in Presets • Fixed error in configuration file upload and download with JRE 7+ and Windows 7
2012-04-18	1.6.2	<p>Features and enhancements:</p> <ul style="list-style-type: none"> • 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) <p>Improvements:</p> <ul style="list-style-type: none"> • Supports switching of Virtual CON Devices • Added Private Mode state to Matrix View • Show Invalid Ports in Matrix View, e.g. when a Fixed Port Extender is connected to port which is not a fixed port • Download of config files requires admin rights • Show assigned device of a Fixed Port Extender in MatrixView property sheet • Changes in Optionsdialog will be activated without application restart • Renamed Switch Macros to Presets • Drag & Drop support for config files (mac os & windows) <p>Fixed bugs:</p> <ul style="list-style-type: none"> • Load Firmware displays Matrix View again • Configuration upload with a wrong password shows a error message • Disabled upload of firmware files (*.dtf) • Avoid sending of connection data in Extended Switch in case of cancelling CPU Device selection
2012-03-09	1.6.1	<p>Improvements:</p> <ul style="list-style-type: none"> • New connection management between application and Matrix • Added legend to Matrix View • Supports new module and extender names • Upload of config files requires admin rights <p>Fixed bugs:</p> <ul style="list-style-type: none"> • No blocking of application when closing tab • Activation of Enable New User, Enable New CON enables all CPUs for a new user or new console

2012-02-10	1.6.0	<p>Features and enhancements:</p> <ul style="list-style-type: none"> • CON Macros • User Macros <p>Improvements:</p> <ul style="list-style-type: none"> • Show Slot ID in Matrix View • Addition of IP Address column to Activate Configuration table • Expand Matrix Firmware views by default • Different firmware states are colored in Matrix Firmware views • Show CPU Devices in Favorites - Available CPU table in dependency of Console ACL's state • Optimized matrix restart • Addition of tooltip to cpu port in Matrix View <p>Fixed bugs:</p> <ul style="list-style-type: none"> • Allow Cancel on changes in User Favorites • Fixed refresh of Update Ext Firmware
2011-12-22	1.5.0	<p>Features and enhancements:</p> <ul style="list-style-type: none"> • Switch Macros • Optionsdialog for default settings • Encrypted configuration files • System – Access: New parameters Enable New User and Enable New CON • Reset button to reset all connections in Extended Switch <p>Improvements:</p> <ul style="list-style-type: none"> • Redesign of Matrix View representation • Selection behaviour of IO-Boards in Update Matrix Firmware • Optimized performance when creating new devices in big configurations • Renamed and reordered task names • Optimized representation on Mac • Added multiselection in overview tables • Added row number in overview tables • Added port to Extender tables • Added columns Current Version and Current Date to Update Matrix Firmware and Update EXT Firmware update views <p>Fixed bugs:</p> <ul style="list-style-type: none"> • Fixed context menus on Mac • Removed Fixed Ports from gobal view of Update EXT Firmware • Fixed blocking of Definition views when selecting Hide Devices w/o Extender Assignment checkbox in Extended Switch
2011-11-10	1.4.2	<p>Improvements:</p> <ul style="list-style-type: none"> • Reduced time for loading configuration • Reduced time for extender update by restarting matrix instead of restarting IO cards
2011-11-07	1.4.1	<p>Improvements:</p> <ul style="list-style-type: none"> • Green shared icon added to Matrix View and Switch Console to CPU • Virtual CPUs added to Favorites list

		<p>Fixed bugs:</p> <ul style="list-style-type: none"> • Assignment of real to virtual consoles added to online mode • Fixed treeview update when expanding and collapsing per mouse in Matrix Firmware and Update Matrix Firmware
2011-11-04	1.4.0	<p>Features and enhancements:</p> <ul style="list-style-type: none"> • CPUs are configurable as favorites in User Data and CON Devices • Connect with hostname or ip address in connection dialog • ip is replaced by hostname in defaults.cfg • New icons in Matrix View and Switch Console to CPU to display Shared Access • Users are pointed out to save changes before program exit • Remember last selection in template dialog of EXT Units, CPU Units, CON Devices and User Data • Restrict access rights of Power User to Matrix View and Switch Console to CPU panels • Checkbox to hide devices without extender assignment in Switch Console to CPU <p>Improvements:</p> <ul style="list-style-type: none"> • Context menu added to Switch Console to CPU <p>Fixed bugs:</p> <ul style="list-style-type: none"> • Enter does not work in finish panel of import/export dialog • Fixed Offline configuration of Video Only Access in Switch Console to CPU • Fixed Configuration of KVM sharing in Switch Console to CPU when Auto Send is disabled • Dialog of Upload action in toolbar now appears every time • If there are changes when closing the application, only one save dialog will be shown
2011-10-13	1.3.2	<p>Fixed bugs:</p> <ul style="list-style-type: none"> • Update Matrix Firmware, Update Ext Firmware: Deselect disabled checkboxes in column Update • Virtual to Real CPU assignment does not work
2011-10-11	1.3.1	<p>Improvements:</p> <ul style="list-style-type: none"> • Optimized Extender Firmware update process • Added Service Mode state in Matrix Firmware view • Show wait cursor during expanding treeview in Matrix Firmware view <p>Fixed bugs:</p> <ul style="list-style-type: none"> • Removed repeating update in Single Firmware Update • Wrong Fixed Port validation in Ext Units • Fixed Collapsing of Matrix Firmware view after directory change • Fixed wrong background error color for Upgrade Modules in Update EXT Firmware tables • Non Administration panels are disabled in Service Mode • Fixed broken support dialog
2011-09-26	1.3.0	<p>Features and enhancements:</p> <ul style="list-style-type: none"> • Supports Extender Updates • CON Device: New parameter, LOS Frame • Relative pathnames in defaults.cfg

		<ul style="list-style-type: none"> • Improved directory management in FileChooser-Dialogs • System Data Panel: Slave definition revised & clarified <p>Fixed bugs:</p> <ul style="list-style-type: none"> • Restart Switch needs admin rights • Switch Console to CPU: Fixed KVM sharing bug in Auto Send mode • Update Matrix Firmware: Fixed Update problem when a default path is selected • Fixed communication errors in LAN Echo mode
2011-08-19	1.2.0	<p>Features and enhancements:</p> <ul style="list-style-type: none"> • Loading and saving of firmware status • Filterable dropdown box in tables • Auto send function in Switch Console to CPU, Real to Virtual Console and Virtual to Real CPU • Matrix View: Port number is flashing when selected • Firmware Update: Supports OSD and HID updates • Drag & drop file open support (windows only) • CON Device: New parameters, Allow Login and Force Login • Ext Units: New parameter, Video Mode • Restart switch action <p>Fixed bugs:</p> <ul style="list-style-type: none"> • Fixed selection problem in sorted and filtered tables • Fixed incomplete reload in some views