



Product Release Notes

CheetahXD™ 3.0



GENERAL DESCRIPTION

This document briefly describes the new features, changes, enhancements and the major bug fixes that have been implemented in CheetahXD™ 3.0 release (3.0.0.6) of the product.

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PRODUCT RELEASE NOTES

OVERVIEW

The main effort for the CheetahXD 3.0 release was to update the Cheetah Technologies branding in the software by updating the user interface and logos. The 3.0 version also address some outstanding issues and includes some new features to enhance the user experience.

CheetahXD 3.0 is available as a new install or as an upgrade from previous CheetahXD versions (see next section for minimum version requirements on upgrades). If an upgrade is being performed, your existing database, user accounts created and any licenses present shall be migrated automatically. The details for both - upgrades from previous CheetahXD versions as well as installation of a new CheetahXD system can be found in the installation guide "CheetahXD Broadband Assurance Platform Installation Guide" (P/N: 050-0096)

IMPORTANT NOTE:

CheetahXD 3.0 has been upgraded to run with an updated Java Runtime environment (JRE) v1.6.0_b14. See section 6 - Upgrading the Java Runtime Environment (JRE) on Clients - of the Installation Guide to get your CheetahXD client machines compatible with the server.


For upgrade from previous CheetahXD versions:

Prior to upgrading to 3.0, ensure that your system is running or has been upgraded to version 2.4 build 18 (2.4.0.18) or higher.

SOFTWARE OPERATING SYSTEM PLATFORMS AND INSTALLATION INSTRUCTIONS

For a list of supported operating systems and hardware platforms, please refer to Chapter 1 of the CheetahXD Installation Guide (P/N 050-0096). Additional information regarding new installations or upgrade instructions for your platform is also found in this guide. System Testing for CheetahXD version 3.0 has been performed on the following platforms –

- Server OS - Windows 2003 SP1 & 2, SUN Solaris 10, SUN Solaris 9
- Client OS – Windows XP and Windows Vista
- Supported Browsers – Internet Explorer 7.x and Mozilla 3.x

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NEW FEATURES AND ENHANCEMENTS

Rebranding Effort

The CheetahXD GUIs have been updated with the new Cheetah Technologies brand.

Motorola Template Improvements

CMD-N templates have been updated to include Motorola specific attributes for the SG4000 and MBN node transponders.

- Motorola Laser Bias Current
- Motorola Laser Temperature Deviation
- Motorola DRT Hardware Status
- RF Forward Path Receive Level (on Transponder MO)

POM Standby Remaining Calculation

The POM algorithm has been updated to provide its first Standby Remaining value as close to 10 minutes as possible based upon the user defined `<pomRefreshInterval>` value set in the PowerOutageMonitoring_Parameters.xml file. Once the initial value is displayed, the algorithm is then updated based on the `<pomRefreshInterval>` going forward.

Notifier - Device Properties Support

The Notifier Custom Extensions option has been enhanced to allow the use of any device property within the user-specified command. As an example, you could add a custom extension which will launch the transponders webpage by IP Address.

```
<sUrl>http://${ipAddress}</sUrl>  
<type>0</type>
```

Sample Supported Properties List – Note the property name must be used as seen below to function properly.

name	userComment	userField4
displayName	protoSpecificData	userField5
type	topLevelParent	community
ipAddress	gatewayParent	writeCommunity
netmask	location	macAddress
userName	userField1	transponderType
commHandler	userField2	pollInterval
ctTopoObjectType	userField3	



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New Java Runtime Environment

All CheetahXD platforms have been built with Java v1.6.0_b14. This baseline version is now included automatically on the server and must be utilized on the clients for compatibility. See section 6 - Upgrading the Java Runtime Environment (JRE) on Clients - of the Installation Guide to get your CheetahXD client machines compatible with the server.

Miscellaneous Enhancements

Enhancements have been made to the startup process of Cheetah XD for those customers who wish to utilize the CheetahXD service. While still not a guarantee based on individual server platforms (Oracle/Windows components), service dependencies have been added to the startup process to increase the probability of a successful CheetahXD Service startup on an unattended server reboot.


Documentation and Online Help

The Install Guide for version 3.0 has gone through significant changes and updates to coincide with the rebranding effort. Also updated with features and rebranding are the CheetahXD Administration and Operator Training manuals utilized in our remote and onsite training courses.

Resolved Issues in CheetahXD 3.0

The following issues are resolved in this release of CheetahXD software (v3.0).

PTR	Severity	Description
8311	Enhance	RF Forward Path Receive Level traps moved to SG4000Transponder MO and processed correctly
9120	Major	Resolved CheetahNet Data Display option from common menu Java 1.6 build 13 - Uncheck Enable the Next-generation Java Plug -in (See Section 6 of Install Guide)
9210	Normal	sysDesc string now properly displayed in Data Display
7860	Normal	Removed unused severities from the severity drop down box on the Multi Tab
9159	Normal	sg4000LaserBiasCurrent traps have been corrected and are being process
9208	Minor	Unit of Measure for Error Vector Magnitude for the EL Data Display indicate percent
9222	Minor	Unit of Measure for the Last Scan Duration display milliseconds
9050	Minor	Added a Generic I/O icon for display in Trees

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TECHNICAL SUPPORT

For questions, contact the Cheetah Technologies Technical Support Center at:


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