

Release Notes VMS Version 3.6.7

Release Date: June 28, 2010

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1. Identification

This CD contains all documentation pertaining to installation and operation of current software versions. The software for the Vipersat Management System, FW-0000388B **version 3.6.7.2345** resides on a CD supplied or downloadable through customer service department.

2. Release Contents Overview

2.1 This maintenance release covers the following changes:

1. Corrected numerous device monitor items in CDM-600/600L & CDM-570/570L
2. Compatibility modification in Hub Device Redundancy, CDM 570 & CDD-564

2.2 Component Updates:

This installation package includes the following component updates:

- **VMS Core/Client v3.6.7.2345** (Installed Service & Application)
- **Global Map View, v3.6.7.2345** (Installed Application)
- **VNO Web services, SOAP, v3.6.7.2345** (Installed Service)
- **VNO Admin v1.0.3342.21274**
- **VMS2WinLog** (Installed Service)
 - Conduit for VMS Events to Windows Event logging
- **VMS Billing Log Translator (v1.5.2)** (Separate Application)
- **570/564 Parameter Editor (.dll) v1.6.4.116** (Tree View)
 - Version support for 1.6.4
- **5650A Parameter Editor (.dll) v1.7.1.108** (Tree View)
 - Version support for 1.7.1

3. Supported Devices

VMS version 3.6.7 includes support the following devices:

Devices:

- **CDM-570/570L**
 - Inband
 - Out of Band
- **CDD-564/564L/562L**
 - Inband Only
- **CDM-600/600L**
 - Out of Band Only
- **CDM-700**
 - Out of Band Only
- **SLM-5650, Static**
 - Out of Band Only
- **SLM-5650A, Static**
 - Out of Band Only
- **SLM-5650A w/NP**
 - Inband
- **SLM-5650AD w/NP**
 - Inband
- **SENTRY Remote Power Management CDU**
- **APC Remote Power Management PDU**

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4. New Features

The following are new features introduced in this version of VMS:

#	Description
1	None

5. Software Installation / Upgrade Instructions

Refer to VMS 3.6.x
Vipersat Management System
User's Guide

Manual MN/22156v4, Chapter 2 – Installing VMS
Note this maintenance release (3.6.7.2345) did not affect the manual, no changes.

6. New Features Next Release Cycle

No new features or changes scheduled at the time of release for software version branch 3.6.x.

Appendix A – Version Compatibility

The following is the list of all compatible release versions:

MODEL	BASE MODEM VERSION	IP INTERFACE VERSION	TRANSEC	NOTES
CDM-570/570L	1.6.11	1.6.4		Inband or Out of Band Unit Support <i>Note older versions will not support current updates, however will continue to operate.</i>
CDD-564L	N/A	1.6.3		Inband Unit Support
CDM-600	2.2.6	CiM 1.0.8		Out of Band Unit Support <i>Note older versions will not support current updates, however will continue to operate.</i>
CDM-600L	1.5.1	CiM 1.0.5		Out of Band Unit Support <i>Note older versions will not support current updates, however will continue to operate.</i>
SLM-5650	1.2.3	N/A		Out of Band Unit Support
CDM-700	1.3.0	GBEI 1.1.9		Out of Band Unit Support
SLM-5650A NP & FIPs	1.3.2	1.7.1	1.1.7	Inband or Out of Band Unit Support <i>This version of VMS requires these release versions or greater for compatibility.</i>
SLM-5650AD NP & FIPs	1.3.2	1.7.1	1.1.7	Inband Unit Support <i>This version of VMS requires these release versions or greater for compatibility.</i>

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Appendix B – Recommended Specifications for VMS Computers

Item	Server - Minimum Recommended Configuration
<u>Processor</u>	
Type	Intel Pentium IV
Speed	3 GHz
Processor Bus Speed	400 MHz FSB
Memory	1GB
<u>Drives</u>	
Hard Disk	80 GB
CD-ROM	24x, Internal
<u>Video Card</u>	
Interface	PCI or AGP 4x
Resolution	1280x1024 - 65,536 Colors
<u>Ports</u>	
Keyboard	PS/2, Enhanced 104 Key with Windows Keys
Mouse	PS/2, 2 Button, (Wheel!)
USB	Standard v1.0 or v2.0
<u>Network Adapters</u>	
Ethernet	10/100 10Base-T, RJ45
<u>Operating System</u>	Windows 2003 Server or Workstation, <u>English only, SP1</u>

Item	Client - Minimum Recommended Configuration
<u>Processor</u>	
Type	Intel Pentium IV
Speed	3 GHz
Processor Bus Speed	400 MHz FSB
Memory	1GB
<u>Drives</u>	
Hard Disk	80 GB
CD-ROM	24x, Internal
<u>Video Card</u>	
Interface	PCI or AGP 4x
Resolution	1280x1024 - 65,536 Colors
API Support	Pixel Shader Model 2.0 – 3.0 – <i>Vipersat Globe View Support</i>
<u>Video Display</u>	
Size	19 inch, recommend Dual Monitors
Resolution	Ultra XVGA, 1280x1024 @ 75 Hz LCD
<u>Ports</u>	
Keyboard	PS/2, Enhanced 104 Key with Windows Keys
Mouse	PS/2, 2 Button, (Wheel!)
USB	Standard v1.0 or v2.0
<u>Network Adapters</u>	
Ethernet	10/100 10Base-T, RJ45
<u>Operating System</u>	Windows XP Professional, <u>English only</u>

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Appendix C – List of Fixed Problems and Modifications

The table below lists fixed problems compared between VMS version 3.6.6 to 3.6.7.

Component	EBT	Description
Device Manager	498	<p>Status Poll Timer for CDM600/600L is not functioning properly</p> <p>Reported Problem The CDM-600/600L device poll timer is not correctly updating device status values.</p> <p>Change Status Removed unnecessary background poll time and correct status timer.</p>
Device Manager	499	<p>570 Receive Signal Level incorrectly displaying value</p> <p>Reported Problem The device view of the 570/570L demodulator is not reporting the correct input Receive Signal Level (RSL).</p> <p>Change Status Correct the displayed value as provided by base modem poll packet.</p>
Device Manager	500	<p>570 reported Eb/No value is incorrect when greater than 16dB</p> <p>Reported Problem When the reported 570 receive Eb/No is greater than 16dB the display does not indicate signed greater than value, inconsistent interface displays.</p> <p>Change Status Added greater than sign ‘>’ when receive Eb/No is reporting a value greater than 16dB.</p>
Device Manager	501	<p>CDM-600/600L scaling of frequency offset</p> <p>Reported Problem It was requested that the frequency offset scaling is inadequate.</p> <p>Change Status Modified the scaling factor to produce “display” offset in, 10th & 100th Hz values.</p>
Device Manager	502	<p>CDM-600/600L BER display value is incorrect</p> <p>Reported Problem The demodulator BER always displays 0 as report value.</p> <p>Change Status Correct BER to display correct value in exponent units.</p>
Device Manager	503	<p>CDM-600/600L display of receive Buffer Size missing units</p> <p>Reported Problem The receive Buffer Size value does not display proper unit.</p> <p>Change Status Corrected Buffer Size device item to display Byte value unit.</p>
Device Manager	504	<p>CDM-600/600L display of Receive Signal Level missing units</p> <p>Reported Problem The RSL value does not display proper units.</p>

		<p>Change Status Corrected RSL device item to display “dBm” value unit.</p>
Device Manager	506	<p>Incompatibility between VMS CDM-570 modem and Vload parameter editing</p> <p>Reported Problem The parameter file generated by Vload (.txt) is not compatible with VMS exported configuration files. It was requested to add an option to export the VMS generated configuration files as text allowing transfers between applications.</p> <p>Change Status Added an export function under configuration/properties to import and export configuration files as text compatible.</p>
Device Redundancy Manager	507	<p>Device Redundancy – Parameter File Push Does Set MGC/OGC Flag</p> <p>Reported Problem There was a change in CDM-570 firmware version 1.6.3 that added a requirement to separately set parameter file push option flag to force MGC/OGC configuration to the base modem. When this option was added to the 570 code base VMS 3.6.6 or older did not set this flag resulting in possible device redundancy failure.</p> <p>Change Status Change device redundancy to separately set MGC/OGC flag on backup. Modified Streamload1 with MGC/OGC flag control, also added an option to manually push base modem settings through unit Configuration Restore. User is promoted for either “Save parameter file to flash” and/or “Write base modem parameters”.</p>

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Appendix D – List of Known Issues in release v3.6.7

EBT	Description
	General
N/A	None at the time of release

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