VANGUARD
Software Advisory Notice
Release 6.1.P08A

Introduction

This notice contains information on software improvements and changes made by the Vanguard Applications Ware Release 6.1.R000 patch 6.1.P08A which is based on 6.1.R000 and includes patch 6.1.T03A. The platforms affected are the Vanguard 6435 and 6455. This notice supplements the *Vanguard Applications Ware Release 6.1.R000 Software Release Notice* (Part Number T0001-42).

Flash Memory

Release 6.3 includes a flash memory increase. The Vanguard 6435 and 6455 now ship with the 8MB of Flash memory as part of the base unit. Flash memory includes the 8MB flash SIMM, for a total of 12MB flash that can be partitioned in the software to support 6MB primary (current) and 6MB alternate bank.

Release 6.3 and 6.2 software includes the ability to report and test the size of all the flash memory, Release 6.1 software requires software patch 6.1.P08A (which supports 4MB of the 8MB Flash).

Install the Patch Executable File

Follow these steps to install the Release 6.1.R000 patch 6.1.P08A executable file:

Step	Action
1	If you have not already done so, install Vanguard Software Builder from any Vanguide Release 6.1.R000 CD-ROM (Part Number 72608-30 A).
2	Download the V61P08A.ZIP file from Vanguard Managed Solutions, please save the file to a local drive on your computer. The V61P08A.ZIP file is available on the web at: **http://www.vanguardms.com/support/software_and_tools/ vanguard/special_releases/**

Step	Action
3	Use WinZip® to extract the ZIP file. The V61P08A.ZIP file contains the V61P08A.EXE, UNLOCK.EXE, 6435\R61PP08A\61P08Q11.EXE 6435\R61PP08A\61P08Q12.EXE 6435\R61PP08A\61P08Q15.EXE 6455\R61PP08A\61P08S11.EXE 6455\R61PP08A\61P08S12.EXE 6455\R61PP08A\61P08S15.EXE COLDLOAD\c64v115.xrc COLDLOAD\c64v192.xrc COLDLOAD\c64v2304.xrc COLDLOAD\c64v288.xrc COLDLOAD\c64v384.xrc COLDLOAD\c64v4608.xrc COLDLOAD\c64v576.xrc COLDLOAD\c64v96.xrc files, and a copy of this advisory notice and the hardware advisory notice (T0260) in PDF format.
4	Run or open the V61P08A.EXE executable file from your local drive.
5	The patch executable file prompts you with installation instructions. Insert the Vanguide 6.1.R000 CD-ROM into the CD-ROM drive and select its drive letter. Follow the installation instructions provided by the installer.

Step	Action
6	Mandatory: Update the coldloaders before downloading any software images. Copy them as follows: From C:\V61P08A\COLDLOAD\c64v115.xrc to C:\VANGUARD\SFW_IMGS\6435\COLDLOAD\c64v115.xrc to C:\VANGUARD\SFW_IMGS\6455\COLDLOAD\c64v115.xrc From C:\V61P08A\COLDLOAD\c64v192.xrc to C:\VANGUARD\SFW_IMGS\6435\COLDLOAD\c64v192.xrc to C:\VANGUARD\SFW_IMGS\6455\COLDLOAD\c64v192.xrc From C:\V61P08A\COLDLOAD\c64v2304.xrc to C:\VANGUARD\SFW_IMGS\6435\COLDLOAD\c64v2304.xrc to C:\VANGUARD\SFW_IMGS\6455\COLDLOAD\c64v2304.xrc From C:\V61P08A\COLDLOAD\c64v288.xrc to C:\VANGUARD\SFW_IMGS\6435\COLDLOAD\c64v288.xrc to C:\VANGUARD\SFW_IMGS\6455\COLDLOAD\c64v288.xrc From C:\V61P08A\COLDLOAD\c64v384.xrc to C:\VANGUARD\SFW_IMGS\6435\COLDLOAD\c64v384.xrc to C:\VANGUARD\SFW_IMGS\6455\COLDLOAD\c64v384.xrc From C:\V61P08A\COLDLOAD\c64v4608.xrc to C:\VANGUARD\SFW_IMGS\6435\COLDLOAD\c64v4608.xrc to C:\VANGUARD\SFW_IMGS\6455\COLDLOAD\c64v4608.xrc From C:\V61P08A\COLDLOAD\c64v192.xrc to C:\VANGUARD\SFW_IMGS\6435\COLDLOAD\c64v192.xrc to C:\VANGUARD\SFW_IMGS\6455\COLDLOAD\c64v192.xrc From C:\V61P08A\COLDLOAD\c64v96.xrc to C:\VANGUARD\SFW_IMGS\6435\COLDLOAD\c64v96.xrc to C:\VANGUARD\SFW_IMGS\6455\COLDLOAD\c64v96.xrc

Step	Action
7	Mandatory: Before unlocking the following files (which contain the default images) copy them as follows:
	From C:\V61P08A\6435\R61PP08A\61P08Q11.EXE to C:\VANGUARD\SFW_IMGS\6435\R61PP08A\61P08Q11.EXE
	From C:\V61P08A\6435\R61PP08A\61P08Q12.EXE to C:\VANGUARD\SFW_IMGS\6435\R61PP08A\61P08AQ12.EXE
	From C:\V61P08A\6435\R61PP08A\61P08Q15.EXE to C:\VANGUARD\SFW_IMGS\6435\R61PP08A\61P08Q15.EXE
	From C:\V61P08A\6455\R61PP08A\61P08S11.EXE to C:\VANGUARD\SFW_IMGS\6455\R61PP08A\61P08S11.EXE
	From C:\V61P08A\6455\R61PP08A\61P08S12.EXE to C:\VANGUARD\SFW_IMGS\6455\R61PT03A\61P08S12.EXE
	From C:\V61P08A\6455\R61PP08A\61P08S15.EXE to C:\VANGUARD\SFW_IMGS\6455\R61PP08A\61P08AS15.EXE
	Before loading the default software images, you must unlock the images by double click on the **UNLOCK.EXE utility.** You will be prompted to enter the serial number provided with the 6.1.R000 software license.

■**Note**

For more detailed patch installation instructions, refer to the *Vanguard Software Builder Manual* (Part Number T0030).

Build an Image   After you install the patch executable file, you must build a custom release and load the custom image. This table provides general instructions for these procedures:

Step	Action
1	Using Vanguard Software Builder, build a custom Release 6.1.R000 patch image by selecting the appropriate patch (6.1.P08A for example) from the **Release** drop-down menu. Select features or options that you want to include in the image.
2	Load the custom image using the Vanguard Software Loader.

◾**Note**

For detailed instructions on building a software image and using the Vanguard Software Loader, see the *Vanguard Software Builder Manual* (Part Number T0030) and the *Vanguard Software Loader Manual* (Part Number T0057).

Viewing Alarms   Alarms and Reports appear in the CTP or in your network management system. For
and Reports   explanations of Vanguard alarms and fatal error reports (FERs), see the *Vanguard Alarms and Reports Manual* (Part Number T0005).

Patch 6.1.P08A Change Requests and Software Improvements

Overview The table below lists change requests and software improvements. Change requests reported to Customer Service have an assigned change request number, and, in most cases, interim patches are released to fix the problems. These change requests and software improvements are incorporated into the Vanguard Applications Ware Release 6.1.R000 Patch 6.1.P08A, and, where applicable, interim patch releases have been replaced by the Release 6.1.R000 Patch 6.1.P08A:

■**Note**

The Change Request Number and Limitation Number are numbers assigned by Vanguard Managed Solutions and are used exclusively for tracking purposes.

Change Request Number	Limitation Number	Release Where Problem Was Reported	Interim Patch Release Replaced by Release 6.1 Patch 6.1.P08A	Problem or Enhancement Description
12812	N/A	6.1R000	6.1.P08A	Vanguard 6435, 6455 release 6.1 statistics show 4M flash SIMM when 8M flash SIMM is installed.
12882	N/A	6.1.P08A	6.1.P08A	Vanguard 6435 - 6.1.P08A Coldloading writes to current, not alternate.
12875	N/A	6.2.R000	6.1.P08A	Vanguard 6435, 6455 6.2 Coldloader does not work with 6.1 or prior 6.1 images when 8MB flash SIMMs are installed.

Vanguard Quad FXS SLIC Chip A manufacturing change in the SLIC chip design required the Quad FXS card to be revised from A to revision B. If you have a revision B Quad FXS card a 6.1 software patch is required (6.1.T03A). The Quad FXS revision B cards are not being recognized by software older than 6.1.T03A.

Quad FXS Card	Software Version
Quad FXS Card - Revision A	All releases
Quad FXS Card - Revision B	6.1.T03A and higher

Checking the Revision of the Quad FXS Card

The arrow in Figure 1 shows the location of the revision label, located on the back right side of the Quad FXS card.
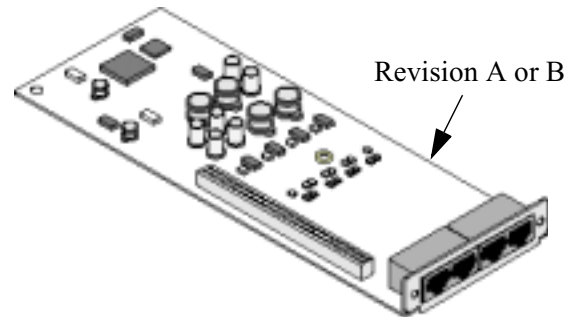
Revision A or B

Figure 1. Revision Number Label

Patch 6.1.T03A Change Requests and Software Improvements

Overview

The table below lists change requests and software improvements. Change requests reported to Customer Service have an assigned change request number, and, in most cases, interim patches are released to fix the problems. These change requests and software improvements are incorporated into the Vanguard Applications Ware Release 6.1.R000 Patch 6.1.T03A, and, where applicable, interim patch releases have been replaced by the Release 6.1.R000 Patch 6.1.T03A:

■**Note**

The Change Request Number and Limitation Number are numbers assigned by Vanguard Managed Solutions and are used exclusively for tracking purposes.

Change Request Number	Limitation Number	Release Where Problem Was Reported	Interim Patch Release Replaced by Release 6.1 Patch 6.1.T03A	Problem or Enhancement Description
N/A	DRFaa20820	6.1R000	6.1.T03A	Vanguard 6435, 6455 and 340 Revision B Quad FXS cards require 6.1.T03A or greater software to run.