

# Vanguard Application Ware Point Release 7.3.P30A Software Advisory Notice

## 1) Introduction

This notice contains information on the installation of the 7.3.P30A Point Release Software. The 7.3.P30A Point Release requires the 1.08 Version of the 6840/6841 BOOTPROM.

## 2) Performance Enhancement Overview

### Platforms Supported

The 7.3.P30A Point Release and the 1.08 Bootprom is intended only for 6840/41.

Platforms Supported	Supported Releases
Vanguard 6840/6841	<ul style="list-style-type: none"><li>• 7.3.P30A Point Release</li><li>• 1.08 Boot Prom Release</li></ul>

### Performance Improvement Summary

With the installation of the 7.3.P30A Point Release features, the performance improvement can be readily observed by monitoring the node level CPU utilization. During release testing, CPU Utilization improvements of up to twenty-five percentage points were observed. In various applications, the reduction in CPU processing cycles can lead to packet throughput gains reaching 40 %.

**Note:** The level CPU Utilization Point improvement may vary depending on the contents of the Vanguard Software Builder Descriptor (DES) File.

### 3) Installation Procedure

The following steps must be followed in the order to install 7.3.P30A and its accompanying BOOTPROM image, C68BP108.xrc.

- Install the V73P30A.EXE Point Release Executable Image on the local hard drive.
- Copy the C68BP108.xrc BOOTPROM Image to the local hard drive.
- Build a V73P30A image using Vanguide Builder.
- Load the C68BP108.xrc BOOTPROM image and the created 7.3.P30A XRC image into the 6840/6841.

**Note:** When installed as a component to the VG6800 Series Performance Enhancement Kit (p/n 1130-10024, 1130-10025, and 1130-10026), the kit must be installed by VN Manufacturing or a VN Certified Service Center only. The kit is not field, customer installable by non-VN certified personnel.

- *The Kit can only be installed in a device with R7.3 R00A or later.*
- *Installation by non-VN certified personnel will void the warranty and/or support arrangements.*
- ***Improper installation is likely to irreversibly damage the product.***

### 4) Install the V73P30A.EXE Point Release

#### Executable File

Follow these steps to install the Point Release 7.3.P30A patch executable file:

1. If your device is not at Release 7.3 R00A, install Vanguard Software Builder from a Vanguide Release 7.3.R00A CD-ROM (Part Number 72608-41 A).
  - You can get this Release update through your maintenance contract, or by purchasing p/c 1152-10038 VG 6800 Series release Update to 7.X. You can also order the p/c 1130-10026 Performance Enhancement Kit and Update to R7.3 R00A bundle.
2. Use WinZip® to extract V73P30A.EXE from the ZIP file, V73P30A.ZIP. Store V73P30A.EXE file on the local hard drive. Run or open the 73P30A.EXE executable file from your local hard drive.
3. The patch executable file prompts you with installation instructions. Insert the Vanguide 7.3.R00A CD-ROM into the CD-ROM drive and select its drive letter. Follow the installation instructions provided by the installer.  
Part No. 72608-41, Rev A

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

## 5) Copy the C68BP108.xrc BOOTPROM Image

The C68BP108.xrc BOOTPROM Image should be copied to the Vanguard Directory, on the local hard-drive, where the 6840/6841 BOOTPROM images are intended to reside e.g.

C:\vanguard\sfw\_imgs\6840\coldload\bootprom.

1. Select the C68BP108.xrc file provided.
2. Select copy from the drop down menu.
3. Select the destination folder: C:\vanguard\sfw\_imgs\6840\coldload\bootprom.
4. Right click within the empty space of this folder and select paste.
5. This will place the C68BP108.xrc BOOTPROM images with the other present BOOTPROM images already present on this folder, like C68BP107.xrc.
6. For more information, refer to the Vanguard Software Loader Manual (Part Number T0057).