



AlphaServer GS80/160/320 System Management Console Windows NT to Windows 2000 Upgrade Kit.

Installation and Release Notes for SMC V4.0B/Windows 2000 Upgrade/Install for SMC Windows NT units.

AV-RWSAA-TE

March 2005

System Management Update

The *AlphaServer* GS80/160/320 System Management Console (SMC) provides the access point for managing multiple systems, including system-specific console functions such as power-up, diagnostics, system partitioning, and console display and logging. For a single system with multiple console lines, such as partitioned systems or those with a backup console line, a terminal server is used to concentrate the multiple console lines and present them to the system management console so the operator can manage all partitions from a single point. For multiple systems with multiple console lines, a terminal server is used to concentrate the multiple lines from each system. A network hub consolidates the Ethernet lines from the terminal server and presents them to the system management console.

This CD kit provides the Windows 2000 upgrade for Windows NT SMC units. In addition there are a few minor GUI changes (4.0B) as indicated below.

Adding or Replacing Software or Hardware

The PC that is supplied as part of the system management console is supported by Hewlett-Packard only with the hardware and software configuration provided. To maintain this support, you may not add or replace any components except as allowed by HP.

New Features for this Version, 4.0B

New Location for SMC Utilities. This release of the SMC software removes the SMC Utilities from the SMC web page and moves them to a folder on the desktop. The utilities in this folder are CGValidator, Expunge, updated Backup and Restore utilities, and CAPM restart (sometimes necessary to gain remote access to CAPM from a remote node). To run the utilities, open the SMC Utilities folder and click on the utility you wish to run. The Backup and Restore utilities have been updated to preserve ConsoleWorks log files, actions and events.

Special Note for P500 / P650 Units.

Due to incompatibilities among the later distributions of Windows 2000, Internet explorer, and the SMC applications, the SMC application Launch Web page is not longer supported for these models. Desktop Icons have been provided for launching the SMC applications. Netscape has been set as the default browser for the SMC applications.

Note –

ConsoleWorks can be accessed remotely using the following URL [http://\"smc_name\":5176](http://\).

Compaq Insight Manager can be access remotely using URL: [http://\"smc_name\":2301](http://\).

Kit Contents:

QB-74YAA-CA1.0 GS320/160/80 SMC Windows NT to Windows 2000 Upgrade Kit.

For use with SMC models: DPENM/P500, DPENM/P650, DPEND/P650 only:

AI-RWT0A-BE 500/650 MHZ UPD ASSLY

AG-RWSBA-TE 500/650 MHZ UPD CD1

AG-RWSYA-BE 500/650 MHZ UPD CD2

For use with SMC models: ENCM/P866 and ENL/P866 only:

AI-RWSLA-BE 866 MHZ CD ASSLY

AG-RWSDA-BE 866MHZ UPDATE CD1

AG-RWSEA-BE 866 MHZ UPDATE CD2

For use with SMC models: ENCM/P1.0 and ENL/P1.0 only:

AI-RESKA-BE 1.0GHZ CD ASSLY

AG-RWSFA-BE 1.0GHZ CD1

AG-RWSGA-BE 1.0GHZ CD2

AG-RWSWA-BE Windows 2000 Distribution kit

AV-RWSAA-TE GS320/160/80 Installation Notes (this document)

Use only the CD pair designated for the specific SMC model number to be upgraded.

SMC Version 4.0B/Windows 2000 Installation

Windows 2000 Certificate of Authenticity:

The model P500 and P650 units require the Windows 2000 Certificate of Authenticity to be attached to the PC chassis. This certificate can be found on the Windows 2000 distribution kit contained within this kit. Remove the COA label from the packet, and attach to the PC above the existing Windows NT COA.

Note – All SMC units beyond the P500 and P650 already have the Windows 2000 COA attached to the PC chassis.

Note: Save your data.

This process will overwrite the SMC PC's disk with the new SMC 4.0B/Windows 2000 image. Overwriting the disk will destroy its current contents (both C: and D: Drives). All accounts, network setup information, logs, partition maps, and any additional data that wants to be preserved must be copied to other media.

Updated Backup / Restore Utilities:

The Backup and Restore utilities have been recently updated and are provided on the first CD of each kit. One can use the backup utility discussed here prior to the NT to W2000 SMC upgrade, then use the restore utility included in the SMC/W2000 installation after the installation.

When the first CD of a kit is inserted into a running SMC, the Readme page will appear. One can Click on “Click here to install Backup utilities”. A dialog box will appear. Check “Run from current location”. If or when asked “do you want to install and run...”, click yes. This will replace the Backup and restore utilities on the SMC, add the SMC Utilities Folder to the desktop, and add a ConfigBackup icon to the Desktop. Clicking on the ConfigBackup icon will initiate the SMC Backup Utility.

A backup folder has been included on the CD, with the updated backup and restore utilities. If for some reason the above install does not work, these two files can be copied from the backup folder to the **C:\SMC\utils** folder (overwriting the existing version). Clicking on ConfigBackup.bat from within the **C:\SMC\utils** folder will initiate the backup utility.

When the backup utility completes, the SMCbackup directory will be located on the D: Drive, **D:\SMCBackup**. Copy this folder to either removable media or other non-SMC location prior to performing the SMC/W2000 installation.

When the SMC/Windows 2000 installation has been completed, the SMCbackup folder must be copied to the D: drive (**D:\SMCbackup**). The ConfigRestore Utility (from the SMC utilities folder located on the desktop) of the SMC/Windows 2000 uses this folder to restore the SMC content.

A review of this directory (d:\SMCbackup) will indicate the items that have been backed up.

To Install the SMC / Windows 2000 software:

If continuing from the backup process from above, one can click on “click here to start”. A dialog box will appear. Check “Run from current location”. If/When asked “do you want to install and run...” click yes. This will cause the system to reboot and start the imaging process. Follow the directions on the screen. Then continue with 2. below.

1. Power on the PC, install CD1, and type CTL+ALT+DEL. (or Power off then on again).
Follow direction provided on the screen. This will perform the imaging process.
2. Once the “Process Complete” window appears, the imaging process has been completed. One can ignore any subsequent error messages from DOS. Remove the CD and type CTL+ALT+DEL.
The system will reboot and start the Windows 2000 initialization process.
3. The Windows 2000 setup wizard displays screens. Follow the steps and provide the relevant information. The “registration product ID” requested can be found on a sticker included with this kit (the “Windows 2000 Professional 1-2 CPU Product Key”). Enter the 25-character key, then record and store it in a safe place for future reference.
3. After you complete the last screen of the wizard (select “Finish”), the system reboots and displays the Windows 2000 desktop and the SMC startup screen. If asked for the Administrator password during the initial startup, hit return (no password).

Complete information on SMC installation is given in the AlphaServer GS80/160/320 System Management Console Installation Guide. A soft copy of this manual has been provided in this installation. The file, GSCON-IN-E01.PDF, is in the Documentation folder on the SMC desktop.

Important Notes:

Multiple Licenses. - Version 4.0 of the SMC allows the SMC to control and work with multiple AlphaServer GS80/160/320 systems. Each SMC comes with a ConsoleWorks license for a single AlphaServer with up to eight console lines. An additional license is needed for each additional AlphaServer system, as noted in the AlphaServer GS80/160/320 Installation Guide.

ConsoleWorks. - Some ConsoleWorks files moved to new directories with V4.0A. To find new locations, search C:\Cwks for files of interest to you.

Partitions and Shared Memory. - When setting up partitions for OpenVMS GALAXY, the following rules must be followed:

- If one or more shared memory allocations are targeted to a specific QBB, this allocation **MUST** be a multiple of 64 MB and must end at a 64 MB boundary, for example:
`set lp_shared_memory 0 = 64MB, 1=64MB, 3=128MB`
- If the shared memory is not targeted to a QBB, this allocation must be in multiples of 8 MB starting on an 8 MB boundary. The console will allocate the shared memory correctly.

Power Outage or Inadvertent Cancellation of Install. - If your SMC loses power in the middle of installation, you must restart the whole installation.

Documentation Folder on the SMC Desktop

The documentation folder on the SMC desktop contains the manual AlphaServer GS80/160/320 System Management Console Installation Guide and the GS80/160/320 System Management Console User's Guide, as well as the release and installation notes for V4.0B, V4.0A, V4.0, V3.2, V3.1, and V3.0 of the SMC software. All documents are in PDF format.

SMC Information on the Web

You can find documentation, updated SMC software, and frequently requested information about the system management console on the Web at: <http://ftp.digital.com/pub/Digital/Alpha/firmware/interim/smc>