



## AMS for SMC Users

Rev 1.0 March, 2004

### **AlphaServer Management Station (AMS) for Server Management Console (SMC) Users**

The Server Management Console (SMC) is a Windows/Intel Platform running the web enabled server management application dedicated to the management of one or more AlphaServer GS80/160/320 servers. The SMC contains two key applications, ConsoleWorks (from TECsys Development, Inc.) for the server platform console management, and Compaq AlphaServer Partition Management (CAPM) which is a wizard like partition manager. The SMC is limited in scope to the management of this particular platform.

The AlphaServer Management Station (AMS) is a software application running on an Alpha Tru64 UNIX server or workstation or on a Linux/Intel platform that allows one to manage one or more AlphaServer ES47/ES80/GS1280 platforms, one or more AlphaServer GS80/GS160/GS320 platforms, and provide console management for other serial console devices within the compute environment.

Using the AMS, one can monitor platform environmental status, monitor message and event logs, connect to the platform's management port, and boot and manage operating systems configured on subpartitions of the platforms. You can use the AMS either locally on the AMS platform or access it remotely through either a Web browser or a Telnet session. The AMS provides secure access between the corporate LAN and the private Multi-Server management LAN to which the AlphaServer platforms are connected.

The AlphaServer Management Station (AMS) provides simple, intuitive graphical user interfaces for remote or local monitoring and management of multiple AlphaServer platforms. Using the AMS you can: monitor all ES47/ES80/GS1280 servers and GS80/160/320 servers connected to the Multi-Server Management LAN, launch management utilities, access and monitor the management and SRM consoles, partition the platforms, and view operating system console and event logs.

External telnet access capability allows authorized connections to the AMS platform consoles from other console applications. This capability allows AMS to co-exist and integrate with other console managers.

The AMS is supported to run on an Alpha Tru64 UNIX platform and a Red Hat Linux PC platform.

### **Using ConsoleWorks with the AMS**

Although the AMS contains its own console manager, SMC users familiar with ConsoleWorks may prefer to use ConsoleWorks. To provide a migration path for SMC users, the AMS was engineered to be compatible with the ConsoleWorks.

ConsoleWorks can be installed on the same computer as AMS or a different one. In both cases a user can access an AMS managed console using ConsoleWorks through an AMS external port. External ports are ports mapped to actual port numbers within AMS and they can be defined using the AMS SPM application. The user will then have the functions and features of ConsoleWorks as well as those of the AMS available to them, all running within the same platform. If you do want to use ConsoleWorks, please contact TECsys Development, Inc. (<http://www.tditx.com/>) directly to purchase the configuration that best suits your needs.

**AlphaServer Partition Wizard (APW)**

SMC users will find that the AlphaServer Partition Wizard provided with the AMS is very similar to the Compaq AlphaServer Partition Manager (**CAPM**) provided with the SMC, in look and in function. The APW is a wizard-like application provided for partition management of the AlphaServer GS80/160/320 platforms as well as the AlphaServer ES80/GS1280 platforms.

**AMS Comparison to SMC functions**

The AMS provides more functionality the SMC; the following table compares key SMC functions and their AMS counterparts.

<b>Console Management functions</b>	<b>SMC</b>	<b>AMS</b>
Authenticated user access from local station	yes	yes
Authenticated Web remote access	yes	yes
Authenticated external telnet access	yes	yes
Authenticated external telnet to targeted consoles.	yes	yes
console logging-per console	yes	yes
event monitoring - per serial line -	yes	yes
user defined action or notification	yes	yes
User Authorization	per user	Per user class
console grouping	User defined	Class defined

**APW**

The APW contains the same functions and features as CAPM plus those required for ES47/ES80/GS1280 partition management. Map files created under CAPM can be used under APW.

**AMS Web Info**

The following web site contains additional information, documentation and software updates for AMS: <ftp://ftp.digital.com/pub/Digital/Alpha/firmware/interim/ams/index.html>