COMPAQ

Software Product Description

PRODUCT NAME: **Compaq Automated Software Installation (ASI) Manager**   **SPD 80.45.01**
                  for Windows 2000 Product, Version 1.3

DESCRIPTION

Compaq Automated Software Installation (ASI) Manager for Windows 2000 Software Product Version 1.3 (hereafter *called ASI Manager for Windows 2000* Product) is a component of the *Compaq Automated Software Installation Service*. This service provides total solutions to enterprise customers particularly in the areas of application scripting and deploying and managing software for the desktop and server infrastructures within a customer domain.

The *ASI Manager for Windows 2000* Product allows users to provide an operational framework in which they can manage the design, assembly, and delivery of unattended installations of operating systems and software applications on Microsoft Windows NT 4.0 and Windows 2000 systems. The *ASI Manager for Windows 2000* Product installation process is based on industry standard unattended scripting practices and supports both installations and software upgrades.

The *ASI Manager for Windows 2000* Product controls the installation of the operating system, software products, and various customizations that users need to deploy on target systems such as servers, desktops, and laptops. By providing a fast, automated system installation and upgrade mechanism for different target systems, the *ASI Manager for Windows 2000* Product eliminates human error during system configuration and minimizes administration overhead costs. The product also provides an effective vehicle for introducing standardized system configurations across corporate or departmental infrastructure and allows for the centralized control of software versions and distribution kits.

The *ASI Manager for Windows 2000* Product allows users to create, deploy, and manage distribution kits that allow unattended installation of operating systems and software products on target systems. The *ASI Manager for Windows 2000* Product automatically creates the unattended installation script for the operating system and core components, and users can then import the application software product's native unattended installation scripts. The *ASI Manager for Windows 2000* Product uses a software product's native unattended installation script (if available), or Compaq provides scripting services if they are required by a client for the installation process.

With the *ASI Manager for Windows 2000* Product, users can populate a software repository with unattended operating system and product installation scripts, accompanying software binaries, additional hardware support, and configuration changes, for example, SmartStart Support scripts. Then, users create the ASI Manager distribution kits and network/unique boot floppy disks to provide the actual deployment package for target systems. The distribution kits may contain a configured operating system and/or software products and/or configuration changes for each target system. Users can then place distribution kits on a network or CD-ROM. Boot disks are used to initiate system installations and contain the required hardware drivers for target system installations. The *ASI Manager for Windows 2000* Product allows users to create virtual boot disks in support of Compaq Remote Insight Board (RIB) technology, which allows and initiates system installations *via* the Web.

The *ASI Manager for Windows 2000* Product can deploy distribution kits *via* CD-ROMs or onto a network to locations close to target systems. Alternatively, users can avail of standard software distribution technologies to push distribution kit content onto a network. Then, the ASI boot disk, either physical or virtual, can access the distribution kit and perform the unattended

January 2001
AE-RMDPB-TE

installation of the operating system and software products on the target system. Other trigger mechanisms such as the ASI Client, Windows 2000 Group Policies, and scheduled software distribution client tasks can also be used.

Components

The *ASI Manager for Windows 2000* Product comprises four main components as follows:

- *ASI Manager Tool.*

- *ASI Manager Repository.*

- *ASI Manager Database.*

- *ASI Manager Distribution Kits.*

ASI Manager Tool

The ASI Manager tool is used to provide an operational framework to drive the definition of standardized system platform architectures. It allows users to automatically create unattended builds for operating systems, assemble an organization's software, create the configuration files and boot floppies for deploying ASI Manager distribution kits to target systems, and manage these distribution kits.

ASI Manager Repository

The ASI Manager repository is a directory/file structure containing all the software kits and hardware components required to build systems. The repository is linked to the ASI Manager database and managed using the ASI Manager tool. The ASI Manager distribution kits are built using the software stored in the repository.

ASI Manager Database

The ASI Manager database is accessed *via* the ASI Manager tool and the database is used to hold profiles of the software to be installed on Windows NT 4.0 and Windows 2000 systems. This database also stores all existing local site, domain, and system information.

ASI Manager Distribution Kits

The ASI Manager distribution kits are created from the ASI Manager repository using the ASI Manager tool and the distribution kits are used to deliver ASI Manager installation solutions for target systems. A distribution kit is a defined software installation package for a user's selected target system. The ASI Manager tool builds the distribution kit into a directory structure, which can then be shared across a network or placed on a CD-ROM.

Features

The *ASI Manager for Windows Product* 2000 V1.3 incorporates the following new features:

- *SmartStart Support*

  ASI Manager supports the SmartStart scripting toolkit. Users can now configure supported servers from within *ASI Manager for Windows 2000* Product by importing pre-configured SmartStart Scripting Toolkit scripts. Automatic Compaq System Partition population is also supported.

- *Kit Refresh Functionality*

  With ASI Manager, it is no longer necessary to rebuild a complete kit if changes are made to a kit component. Only the component(s) that have been modified are updated and users are notified *via* changes in the kit/component icons. This feature will result in significant time reductions for users.

- *Generic Database Support*

  The ASI Manager database layer is now OLEDB/ODBC compliant. Currently, Microsoft SQL Server V 7.0 is supported, and Microsoft Access can still be used for non multi-user installations.

- *Multiple Operating System Binary Support*

  ASI Manager now supports the use of multiple sets of binaries for the following, supported operating systems: Windows NT 4.0 Server, Windows NT 4.0 Workstation, Windows 2000 Professional, Windows 2000 Server, and Windows 2000 Advanced Server.

- *Remote Insight Board (RIB Support)*

  ASI Manager allows users to build virtual floppy images for deployment on servers containing Compaq Remote Insight Boards (Lights-Out Edition).

- *Reporting Capabilities*

  ASI Manager now incorporates reporting capabilities that allow users to view, filter, and export data in (.CSV) format.

- *Import/Export Functionality*

  ASI Manager now supports the import and export of products (including variants), multiple hardware items, and operating systems (including variants). Items can be exported to an ASI proprietary file, which can then be seamlessly imported into another ASI Manager repository.

- *Delete Multiple Systems Capability*

  ASI Manager allows users to filter and delete multiple systems in a single transaction.

- *Enhanced Boot Floppy Process*

  ASI Manager now incorporates enhanced functionality that optimizes the boot floppy build process.

- *Automated Delete Partition Functionality*

  ASI Manager no longer relies on the DELPART utility to remove existing partitions when building a system. Instead, ASI Manager uses a new automated command line utility SepsPd, which is customizable from the Add Operating System Variant wizard and the Add New System wizard.

- *Hardware - Video Adapter Support*

  ASI Manager now incorporates video adapter support for Windows NT 4.0 and Windows 2000.

- *Hardware - Bus Support*

  ASI Manager now incorporates bus support for Windows NT 4.0 and Windows 2000.

- *Partition Formatting*

  With ASI Manager, users can now define NTFS or FAT format for all pre-defined partitions, including SmartStart CPQDISK partitions.

HARDWARE AND SOFTWARE REQUIREMENTS

The following are the minimum system requirements for running the *ASI Manager for Windows 2000* Product in a standalone, production environment:

- 350-MHz Intel® or clone microprocessor.

- 128MB RAM.

- Windows 2000 Professional, Server, or Advanced Server (Service Pack 0).

- Windows NT 4.0 Workstation or Server (Service Pack 5).

- Microsoft Internet Explorer V5.0 (Windows NT 4.0 systems only).

- MDAC 2.5 (Windows NT 4.0 systems only).

- 10GB of free disk space is recommended for the ASI Manager repository. However, this is dependent on the operating system binaries and software products that you plan to include in your ASI Manager distribution kits.

The following are the minimum system requirements for running the *ASI Manager for Windows 2000* Product in a multi-user, production environment:

- 500-MHz Intel or clone microprocessor (preferably dual processor server).

- 256MB RAM (preferably 512MB RAM).

- Windows 2000 Server or Advanced Server (Service Pack 0).

- Windows NT 4.0 Server (Service Pack 6a).

- Microsoft Internet Explorer V5.0.

- MDAC 2.5 (Windows NT 4.0 servers only).

- Microsoft SQL Server V7.0.

- At least 20GB of free disk space is recommended for the ASI Manager repository. However, this is dependent on the operating system binaries and software products that you plan to include in your ASI Manager distribution kits.

SOFTWARE LICENSING INFORMATION

This software is furnished under license from Compaq Computer Corporation. The number of Desktop licenses that are required to maintain compliance is determined by the number of target desktops that will be deployed and maintained *via* the ASI Manager software. A similar rule applies for Server licenses. Different incremental packages will be offered for the Desktop and the Server licenses, which can be purchased in several, flexible quantities.

For more information about Compaq's licensing terms and policies, contact your local Compaq office.

GROWTH CONSIDERATIONS

The minimum hardware/software requirements for any future version of the *Compaq ASI Manager for Windows 2000* Product may be different from the requirements of the current version.

DISTRIBUTION MEDIA

Software and documentation for the *Compaq ASI Manager for Windows 2000* Product are available on CD-ROM. See the ORDERING INFORMATION section of this SPD for more information.

SOFTWARE WARRANTY

This software is provided by Compaq with a 90-day conformance warranty in accordance with the Compaq warranty terms applicable to the license purchase.

ORDERING INFORMATION

The following information is valid at time of release. Please contact your local Compaq office for the most up-to-date information.

Software Licenses and Media for Windows NT and Windows 2000 Desktops

QB-6JJAA-SA   ASI Manager for Windows 2000 V1.3 Desktop 100 LIC/CD PKG
QB-6JJAA-SB   ASI Manager for Windows 2000 V1.3 Desktop 1000 LIC/CD PKG
QB-6JJAA-SC   ASI Manager for Windows 2000 V1.3 Desktop 5000 LIC/CD PKG
QB-6JJAA-SD   ASI Manager for Windows 2000 V1.3 Desktop Enterprise LIC/CD PKG

Software Licenses and Media for Windows NT and Windows 2000 Servers

QB-6JJAB-SA   ASI Manager for Windows 2000 V1.3 Server 50 LIC/CD PKG
QB-6JJAB-SB   ASI Manager for Windows 2000 V1.3 Server 500 LIC/CD PKG
QB-6JJAB-SC   ASI Manager for Windows 2000 V1.3 Server 2500 LIC/CD PKG
QB-6JJAB-SD   ASI Manager for Windows 2000 V1.3 Server Enterprise LIC/CD PKG

Software License and Media for ASI Manager for Windows 2000 Evaluation Kit

QB-6JJAA-LD   ASI Manager for Windows 2000 V1.3 30-Day Loan LIC/CDRM PKG

SOFTWARE PRODUCT SERVICES

For more information on Compaq's Automated Software Installation service, visit the web site: http://www.compaq.com/asi.

A variety of additional service options are available from Compaq. For more information, contact your local Compaq office.

TRADEMARK INFORMATION

© 2001 Compaq Computer Corporation.

Compaq, the Compaq logo, and SmartStart Registered in United States Patent and Trademark Office.

Microsoft, Windows, Windows NT, and Windows 2000 are registered trademarks of Microsoft Corporation in the United States and/or other countries.

Intel is a registered trademark of Intel Corporation.

All other product names mentioned herein may be trademarks or registered trademarks of their respective companies.

The information in this version of this SPD is valid at the time of its release. Please contact your local Compaq office for the most recent version of this SPD.