digital™

*Server*WORKS™ Quick Launch

Getting Started

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Digital Equipment Corporation

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Introduction 1

Quick Launch Overview

ServerWORKS™ Quick Launch provides an ease-of-use interface for customers to install one of several supported operating systems onto their DIGITAL Server. This software application ensures greater accuracy in the installation process and enhances ease of use over typical network operating system installations, while bringing you greater productivity.

In addition to the software installation module, Quick Launch provides a single source for all server documentation and technical support information, including diagnostics, drivers, utilities, and product history.

What comes with the product

Your Quick Launch package should contain the following items:

Software Media:

- Server WORKS Quick Launch CD-ROM (Bootable)

Documentation:

- This Quick Launch Getting Started guide
- On-line Documentation for all current DIGITAL Servers
- Software License

What you need to provide

Software Required from any Authorized Operating System Reseller – your choice of one of the following:

- MS-Windows® NT *
- Novell® *
- SCO™
- OS/2®

* CD-ROM media is required for the Quick Launch Express Installation.

Hardware Requirements

Quick Launch is designed to work with all DIGITAL Servers; however, there are some basic system requirements when using Quick Launch. You must have:

1.) Quick Launch CD
2.) A bootable CD-ROM drive attached to a SCSI controller
3.) An unformatted "C:" drive; or one with space available for creating an MS-DOS partition of 30 MB for non-NT installations; 35 MB for NT installations
4.) Minimum of 16 MB of RAM
5.) Keyboard (Mouse is also recommended)
6.) VGA Monitor attached
7.) The "Bootable CD" option in the BIOS or the System Configuration Unit (SCU), Advanced Configuration Options, should be Enabled.

Two Modes of Operation

Quick Launch functions in two modes of operation: **Boot** and **Workstation**.

Boot Mode starts when the server boots or reboots with the CD-ROM disc located in the CD-ROM drive. This mode allows you to use Quick Launch to configure your system and install your operating system. If new or nonconfigured hardware is detected, the system configuration utility (SCU) may be executed. If RAID hardware is detected, the RAID utility is executed.

In Boot mode, Quick Launch determines the server model and enables Express installation and documentation (manuals, history, and readme files) for your server. From this point, you can select the tutorial, install software, or browse through the documentation and service information.

Workstation Mode allows you to start Quick Launch from any Windows personal computer, such as Windows 3.1 or greater, by using the File Manager and selecting QLAUNCH.EXE in the root directory of the CD-ROM disc. On a Windows 95 or a Windows NT 4.x PC, this program will start automatically. This mode allows you to :

- View the tutorial.
- Use the Create Diskettes or Utility tab to create driver, utility, and diagnostic diskettes.
- Browse through all the documentation and service information for the entire DIGITAL server product family.

Note: *Express* and *Replicate* installations are disabled in Workstation mode.

Getting Started 2

Booting Your Server Using Quick Launch

To begin Quick Launch, follow these steps:

Step 1 — Locate the Quick Launch CD-ROM in your ServerWORKS product package.

Step 2 — Power on your server, and insert the Quick Launch CD-ROM into the server. (You may have to use the CTRL + ALT + DEL keys to reboot your server if the CD-ROM was not available in time for use during the boot up sequence.)

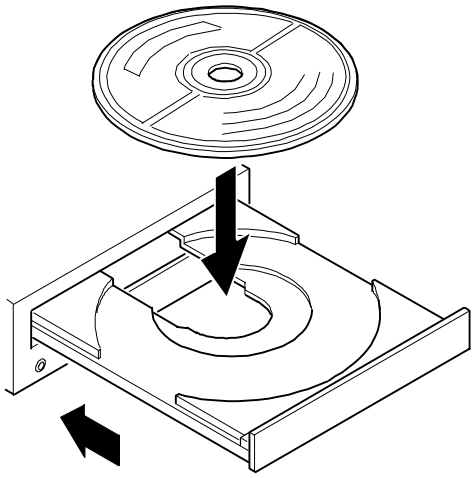

Figure 1. Loading the Quick Launch CD-ROM

Step 3 —When prompted, choose your language preference from the list presented.

Step 4 — If EISA or PCI cards have been added to your server, the SCU may be invoked to allow you to configure the newly added card(s).

Alternatively, you can launch the SCU during the Quick Launch boot sequence by holding down the right-Alt. key. Upon completing the system configuration, the system will reboot.

If Quick Launch detects the presence of a Mylex RAID Controller, the RAID utility may also be invoked at this time. This allows you to configure any newly installed RAID devices. For additional information, select the User Documentation button on the Quick Launch Main Screen and select Additional Documentation.

Step 5 — Quick Launch requires an MS-DOS “C:” partition on the hard drive.

Note: DIGITAL strongly recommends that this MS-DOS partition be created. Quick Launch will automatically create this partition during installation. Failure to create this MS-DOS partition will mean that no SCU or RAID utilities, diagnostics or other utilities and drivers will reside on your system and will not be readily available. In addition, you will not be able to Express install an operating system.

If your hard drive has an MS-DOS partition on it and it is smaller than 35 MB, Quick Launch will inform you of the existing partition size and will let you continue, or it will instruct you how to use FDISK to remove and replace the MS-DOS partition.

Please enter a size for the MS-DOS partition:

Your options are any value from 0 to 1000 MB (or half the disk size, whichever is smaller). By entering a "00" response, the Setup process is canceled, and Quick Launch runs in Workstation mode to allow documents to be viewed or diskettes to be created.

- The minimum hard drive MS-DOS partition space requirement for any non-Windows NT Express installation is 30 megabytes.
- The minimum hard drive MS-DOS partition space requirement for a Windows NT Express installation is 35 megabytes.

If an MS-DOS partition size is entered, the server will reboot after the partition has been created.

Note: After completing your Operating System installation, we recommend that you keep the MS-DOS partition on your hard drive. Utilities, including RAID, drivers, SCU, and diagnostics will reside on this MS-DOS partition. All of these are useful in maintaining and updating your server and operating system.

Step 6 —The Quick Launch Main Screen will now be displayed.

About the Main Screen

The Main Screen of Quick Launch provides four primary buttons:

- Using Quick Launch
- User Documentation
- Installation & Utilities
- Service Information

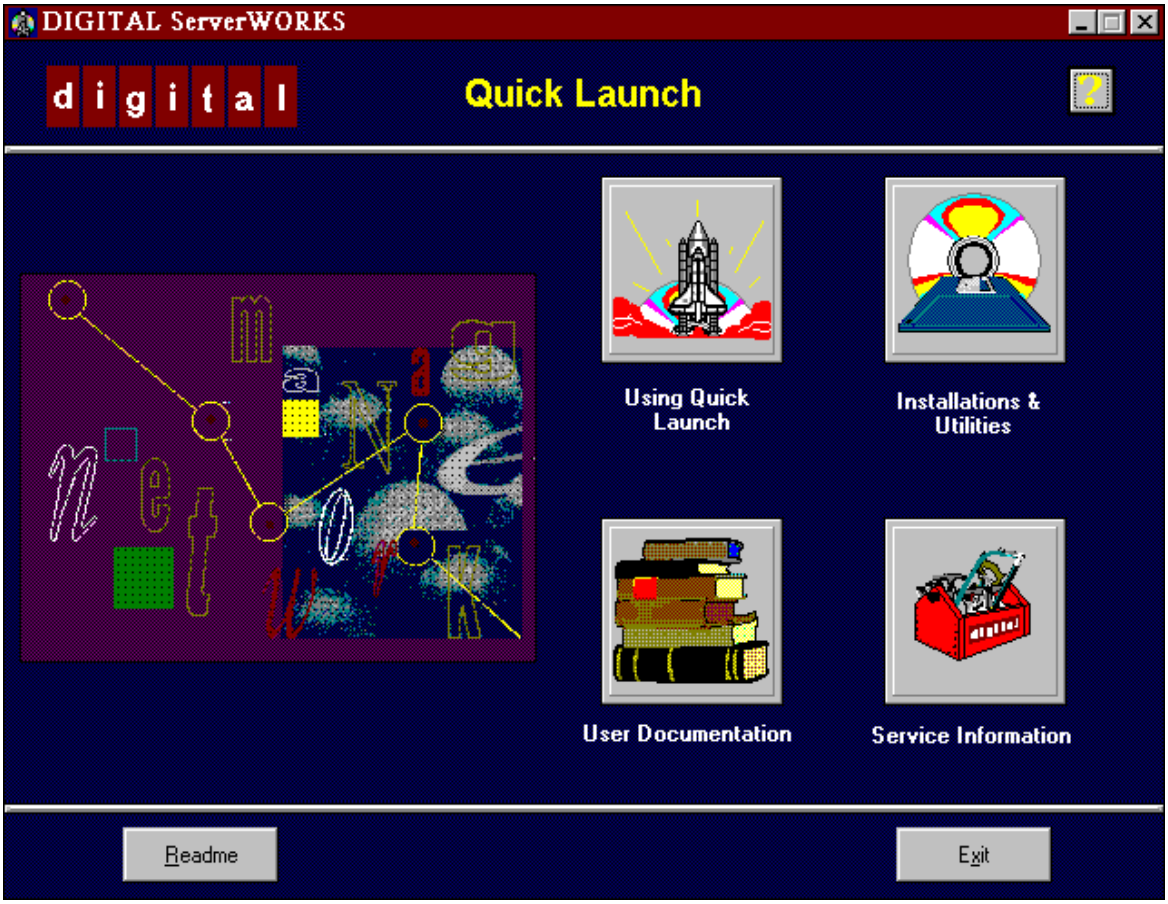

Figure 2. Quick Launch Main Screen

Using Quick Launch provides a tutorial on the Quick Launch product.

Installation & Utilities allows you to begin an operating system installation process using Express installation; create diskettes for a manual installation; perform a Replicate installation of a prior installation; or obtain specific utility, driver, or diagnostic diskettes. In Boot mode, your DIGITAL Server model is determined automatically. In Workstation mode, you select the model for which you want to create driver and utility diskettes from a list of DIGITAL Servers.

User Documentation provides an on-line library resource for all available product information for each of the DIGITAL Server models. In Boot mode, only the documentation for the server that is being installed is available. If the Quick Launch CD-ROM is run in Workstation mode, documentation is available for any supported DIGITAL Server.

Service Information provides an on-line reference for all forms of technical support information and services.

Revision History

The Revision History information file on the Quick Launch CD-ROM provides historical data on revisions of the CPU board, main logic board, and BIOS software. Product change information may also be included, such as any Engineering change orders (ECOs) that may be required. You can access the Revision History information from the left side of the Quick Launch Main Screen or from the selections on the Documentation screen.

Help

The Help button, **?**, located in the upper-right corner of the Quick Launch screen, displays the help information for the topic of the current screen. On the Help menu bar, select the Contents button to display the main contents page.

Readme

The Readme button displays the latest README.TXT file, which contains information on the latest BIOS and SCU revision levels, special option installations, unpublished user manual changes, and Internet addresses for obtaining more information on DIGITAL's servers.

Exit

In Boot mode, the Exit button exits the application and returns you to the MS-DOS prompt. In Workstation mode, the Exit button ends Quick Launch.

Installation 3

Installing your Operating System...

There are two installation methods that are supported by Quick Launch***:*** ***Express Install*** for a software-controlled installation and ***Create Diskettes*** for a manual installation. The method you choose determines which operating systems and versions are supported by Quick Launch. ***Express Install*** supports Windows and Novell; ***Create Diskettes*** supports Windows, Novell, OS/2, and SCO, shown in Figure 3.

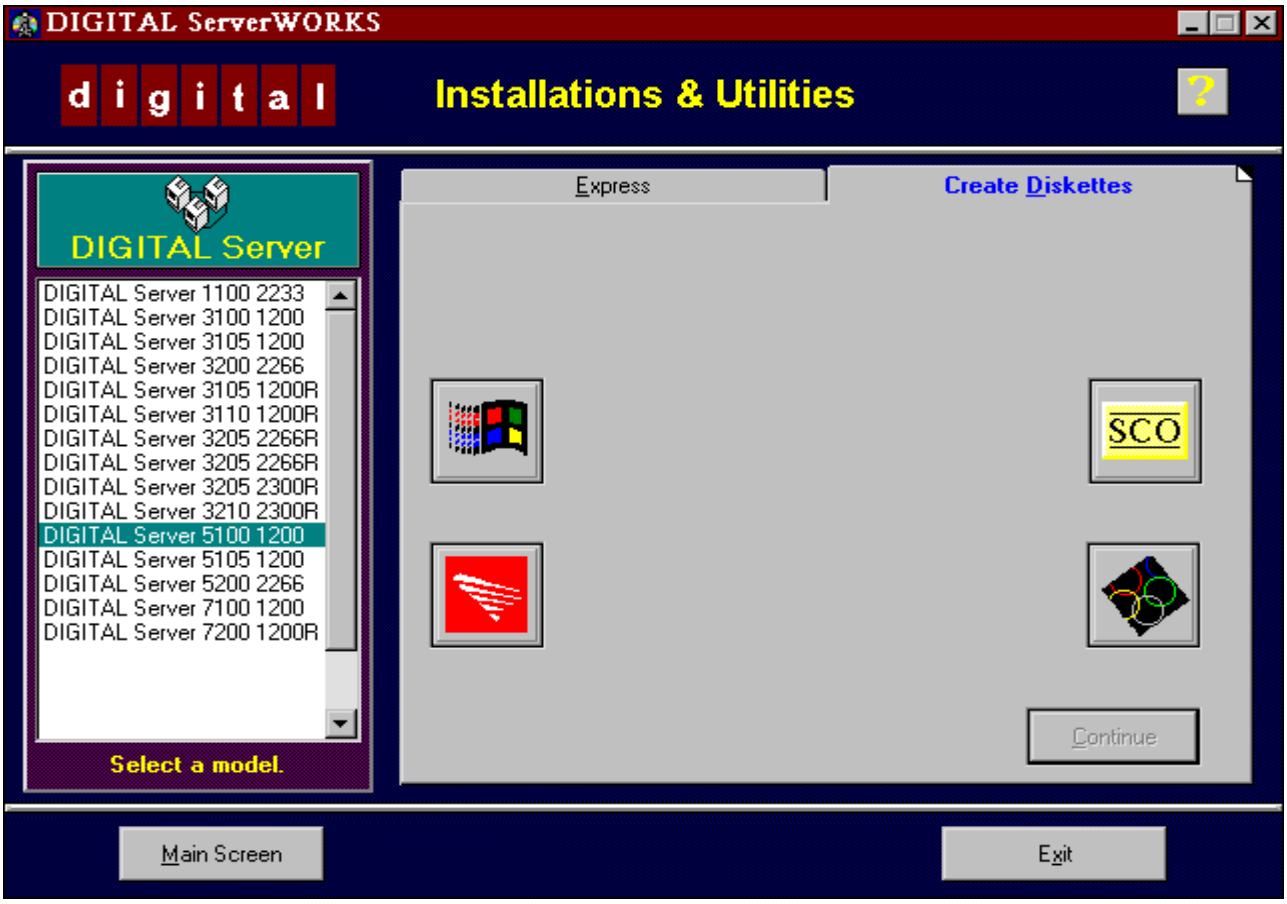

Figure 3. Quick Launch Operating System Selection

Figure 3 shows only a sample of server models; your Quick Launch CD-ROM may have more selections. If the list of models is longer than can be displayed in this area of the screen, scroll buttons are displayed, which can be used to move up and down the list.

Which Installation Method should you Use?

Express Install

The ***Express Install*** method is for users who wish to use one of the supported operating systems and want the fastest and easiest way to do it. The Express Install allows you to select the operating system and version that you wish to install. To perform installations, you need to have the operating system media, authentication key, and server information. Once all of the information has been obtained, the installation is seamless and typically requires minimal attention or monitoring until the installation of the operating system is complete.

At the end of the *Express Install* process, Quick Launch automatically saves the installation parameters to the MS-DOS partition. The information that was used during the *Express Install* can then be used during a future *Replicate* installation on another server. The information is stored in a file named REPLICAT.INI. See the ***Replicate*** section of this guide for more information.

Create Diskettes

Create Diskettes allows you to create device driver and utility diskettes to facilitate updates to the option drivers provided by the network operating system manufacturers. Unlike the *Express Install*, *Create Diskettes* is a manual process and follows the installation process as dictated by the operating system manufacturer. This method allows you to select the server model to create bootable diskettes for diagnostics, SCU, RAID utilities, and driver diskettes. These diskettes can be made in Workstation mode on any server or personal computer that has Windows and a CD-ROM drive.

Other Installation and Utilities Selections

Click on the corner tab on the Installation & Utilities screen to scroll to other selections: ***Replicate*** and ***Utilities***. Table 1 shows which selections are supported by each operating system.

Table 1: Installation & Utilities Tabs

Operating System	Express Installation	Create Diskettes	Replicate	Utilities
Windows NT	Yes	Yes	Yes	Yes
Novell	Yes	Yes	Yes	Yes
OS/2	No	Yes	No	Yes
SCO	No	Yes	No	Yes

NOTE: Supported versions are subject to change without notice, and support is at the discretion of the Software OEM.

Replicate

Replicate helps you *Express Install* identical systems. Replicate installations are useful when more than one identically configured server needs to be installed with the same operating system and the operating system parameters, except obvious differences such as the server name and the IP(x) address.

When a network operating system installation is completed using Quick Launch *Express Install*, a REPLICAT.INI file is stored in the MS-DOS partition (C:\). This replicate file contains information about the network operating system and its version. If necessary, use the Browse button on the Replicate screen to locate this file.

After the first installation, use the MS-DOS copy command or Windows Explorer to copy this file from the MS-DOS partition to a diskette. Then use this diskette with the new servers.

Replicate will pre-fill most entries in the *Express Install* menus and will then proceed like a normal *Express Install*.

Utilities

Selecting the ***Utilities*** tab displays the names of the utility and diagnostic diskettes that can be created. In Workstation mode, you can select any server. In Boot mode, only those utilities for your server are displayed. Once you select a utility from the displayed list, select the Continue button or press the Enter key on the keyboard. This operation prompts you to put a diskette into drive A and then creates the diskette for the specified utility.

Completing the Installation

To complete the installation of your network operating system, your server still requires System Administrative functions to be done, such as printer setup, group and users functions, etc.

For future maintenance and/or upgrades to your server, a number of the files, such as diagnostics, SCU, RAID utilities, and driver updates, reside in the MS-DOS partition on your hard disk (if you elected to create an MS-DOS partition during the initial steps of the Quick Launch installation process).

Additional Information

You can obtain additional information from the User Documentation selection on the Quick Launch Main Screen. Also check DIGITAL's Website: `http:/www.windows.digital.com`