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Software for Microarray Analysis

ArrayStar 3.0 Installation Guide

ArrayStar 3.0 for Windows® Technical Requirements:

Before installation, please note the *minimum* system requirements for installing ArrayStar 3.0:

- Windows® XP or Windows® Vista™*
- 1 GHz or faster x86 CPU
- 384 MB of RAM on XP; 512 MB RAM on Vista™
- 140 MB of available hard-disk space; 280 MB if normalizing data**
- Internet access (required for installation and recommended for NetAffx™ usage)

Projects containing large data sets may require additional computing capacity. *Preferred* specifications for most typical larger projects are:

- 1.6 GHz or faster x86 CPU
- 1 GB of RAM
- 230 MB of available hard-disk space; 730 MB if normalizing data*

*Note that ArrayStar was designed to run on Windows® operating systems only. However, you can run ArrayStar on a Macintosh® with an Intel® processor by using Parallels Desktop®, Boot Camp®, or VMware®.

**An additional 280 MB is required on Windows® XP if .NET 2.0 is not installed on your computer.

DNASTAR License Server Technical Requirements:

- Windows 2003, XP, or Vista
- Macintosh OS X 10.4 or 10.5 (Intel or Power PC)
- Internet access (required to authorize)
- A static IP address manually configured in the TCP/IP setting
- 5 MB of available RAM
- 10 MB of hard-disk space

Installing ArrayStar 3.0:

Before you begin:

- If you purchased a network license, proceed to the **DNASTAR License Server Installation** section.
 - Administrative privileges are required to install.
 - By default, ArrayStar will be installed to the following directory:
C:\Program Files\DNASTAR\ArrayStar 3
1. Insert the ArrayStar 3.0 CD. If Autorun is enabled, skip to step 3.
 2. Launch **ArrayStar 3.0.0 Installer.exe** from your CD drive.
 3. Follow the on screen instructions to complete installation.

Following installation, you will be prompted to authorize ArrayStar by entering in your product key found on the back of this CD. If you do not have a product key, please contact DNASTAR.

A shortcut to ArrayStar will be added to the Start menu under **DNASTAR ArrayStar 3**. You are now ready to use ArrayStar 3.

Installing the DNASTAR License Server:

Before you begin:

- You must install the License Server on a computer that has a static, unchanging IP address. If you are running the installer on a computer that has a dynamic IP address, a warning will appear during installation.
- By default, port 5093 is used by the license server. If a firewall is turned on, it may be necessary to open UDP port 5093 to allow communication between the client and server.
- Administrative privileges are required to install.
- By default the license server will be installed to the following directory:
Windows: C:\Program Files\DNASTAR-LicenseServer
Macintosh: Library:DNASTARLicenseServer

There are 2 steps required to install an ArrayStar network license:

- **Step 1:** Install and authorize the License Server software on a computer designated as the server.
- **Step 2:** Install the ArrayStar software on the client machine(s).

Step 1: License Server Software Installation

1. Insert the ArrayStar 3.0 CD. If Autorun is enabled, skip to step 3.
2. Launch **LicenseServer 3.0.0 Win Install.exe** or **LicenseServer 3.0.0 Mac Install.pkg** from your CD drive.
3. Follow the on-screen instructions to complete installation.

After installation, you will be prompted to restart (on Windows) and authorize by entering your product key. If you do not have a product key, please contact DNASTAR.

At the completion of the server installation and authorization, the **ArrayStarClient3** folder opens automatically. *Be sure to save a backup copy of this folder in a safe place since you will need it for all future client installations.*

Step 2: ArrayStar Client Software Installation

1. Copy the entire **ArrayStarClient3** folder from the desktop of the server to a CD or shared network drive.
2. Save the **ArrayStarClient3** folder to the desktop of the client machine. Open it, and double-click on **ArrayStar 3.0.0 Installer.exe** to launch the installer.
3. Follow the on-screen installation instructions.

A shortcut to ArrayStar will be added to the Start menu under **DNASTAR ArrayStar 3**. You are now ready to use ArrayStar 3.

Note: With an ArrayStar network license, authorization is required on the server only.

Note: If the IP address of the server changes, it will be necessary to change the **AS3.lshost** file found on the client machine(s) in the following directories:

Windows XP: C:\Documents and Settings\All Users\Application Data\DNASTAR\Licenses.

Windows Vista: C:\ProgramData\DNASTAR\Licenses\

For assistance, please contact DNASTAR:

E-mail: support@dnastar.com

Phone: (608) 258-7420

Toll-free in North America: (866) 511-5090

Toll-free in the UK: 0-808-234-1643