

# AGILENT VnmrJ 4.2 SOFTWARE UPGRADE OPTIONS

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## Agilent VnmrJ 4.2 Software Upgrade Options

Agilent VnmrJ 4.2 is now available for ProPulse, DD2, 400-MR, INOVA and MercuryPlus/MercuryVx consoles. VnmrJ 4.2 Datastation for off-line processing and analysis can be used on Linux, Mac OS X, and Windows operating systems.

## Agilent NMR Software License Policy

Agilent has many options for VnmrJ software upgrades, which require the new media kit at minimum. For a version upgrade (e.g., from Vnmr or VnmrJ 1.x, 2.x or 3.x to version VJ4.x), a license upgrade also is required. Licenses and license upgrades are available for single, up to five, and unlimited seats for both Workstation (spectrometer control) and Datastation (data processing only). Every Agilent NMR spectrometer is sold with a Workstation license that remains with the system and never expires, even if the system is transferred to another owner, or the console, workstation computer, and/or magnet are replaced.

**Important Notes:** Listed prices are valid as of September 2014. Prices listed here are in US \$ rounded up to the nearest \$100. Pricing is subject to change.

**Quotations and Upgrade Requests:** Please contact your NMR Product Specialist for a current quotation. If you have Agilent Advantage with Software coverage, or are under warranty, please contact Agilent Service to request an upgrade.

**Spinsights,** Spinsights, our online support community, has extensive information about software upgrades, including users' advice on computer RAM memory requirements to ensure your workstation delivers optimal performance. Access Spinsights at [www.agilent.com/chem/spinsights](http://www.agilent.com/chem/spinsights)

**How to Contact Agilent Service:** Contact AskTAC via Spinsights or Contact Agilent by calling **1-800-227-9770** option 3 then option 7.

## VnmrJ 4.2 Upgrade Options for Workstation (Spectrometer Control)

**Option 1.** Agilent supplies computer with Linux operating system (OS), single seat VnmrJ workstation license upgrade and media kit, and complete installation including interface with the spectrometer and basic software familiarization (Service Option A; see Service Descriptions on p. 3).

- ▶ **\$14,000** including 24" LCD monitor and color laserjet printer (Option 1a)
- ▶ **\$12,400** including 24" LCD monitor and you supply the printer (or use internet to transfer data and spectral files) (Option 1b)
- ▶ **\$11,700** and you supply your own LCD monitor (2D NMR spectra are amazing on a 42" screen!) and printer (Option 1c)

**Option 2.** Agilent supplies the computer with Linux OS, single seat VnmrJ workstation license upgrade and media kit, and you install the software and interface to the spectrometer yourself.

- ▶ **\$9,200** including 24" LCD monitor and color laserjet printer (Option 2a)
- ▶ **\$7,600** including 24" LCD monitor and you supply the printer (Option 2b)
- ▶ **\$6,900** and you supply your own LCD monitor and printer (Option 2c)

**Option 3.** You supply the Agilent-compliant computer with Linux RedHat OS. The Workstation hardware and Linux OS must meet minimum Agilent specifications. Agilent supplies the single seat VnmrJ workstation license upgrade and media kit, and Agilent installs it for you, including interface to the spectrometer and basic familiarization (Service Option A; see Service Descriptions on p. 3). **\$8,000**

**Option 4.** You supply the Agilent-compliant computer, and you perform the installation of Linux OS and VnmrJ 4.2. Agilent supplies only the license upgrade and media kit. **\$3,200**

**Option 5.** For upgrade from VnmrJ 4.0 to 4.2, please contact Agilent Service for the media kit if you wish to install it yourself. Agilent can install the VnmrJ upgrade for you on an Agilent-compliant Workstation already interfaced to the spectrometer. (**\$3,500** including media kit; see Service Option B on p. 3).

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## Agilent Software Application Suites

Access to each Application Suite requires a license password. Once purchased, the password persists to future versions of VnmrJ until declared obsolete by Agilent. Unless otherwise noted, the Application Suite Licenses apply to all versions of VnmrJ licensed for use at the site.

### Standard Components in VnmrJ 4.2:

- ▶ **VeriPulse:** Automatically optimizes shimming and RF calibrations from any starting point, generating comprehensive test reports of sensitivity, lineshape, and more. VeriPulse ensures that your system continues meet all of its installation specifications consistently and easily. Console and probe requirements apply.
- ▶ **NMRPipe:** The definitive solution for processing and analysis of biomolecular NMR data, now automated and fully integrated in VnmrJ 4.2.
- ▶ **CLEAN and IST reconstruction for Non-Uniformly Sampled (NUS) Data:** Automated NUS reconstruction, enabling sharper spectra with less measurement time, as easily as for a conventional measurement.

### Application Suite Licenses for VnmrJ 4.2, Purchased Separately:

- ▶ **CRAFT, the Spectrum-to-Spreadsheet Solution:** Automatically quantify NMR signals in even the most complex 1D spectra or spectral series. **\$2,700**
- ▶ **DOSY:** Industry leading acquisition and analysis of diffusion spectra. **\$2,300** (upgrade from earlier DOSY version is **\$1,100**)
- ▶ **BioSolidsPack:** A comprehensive range of experiments for solid state biomolecular NMR **\$210**

## Computer Hardware and Operating System Compatibility for VnmrJ 4.2 Workstation.

Agilent tests and supports spectrometer control on only the following computer and operating system configurations. The currently recommended operating system is RedHat Enterprise Linux (RHEL) version 6.3. While other configurations may be suitable, such as the related CentOS 6.3 in place of RHEL 6.3, we can provide complete troubleshooting support only for the configurations listed here:

- ▶ VnmrJ 4.x supports the HP z400 and z420 computers (and equivalent hardware). These require Linux RedHat 6.3.
- ▶ VnmrJ 4.x supports older Dell 64-bit computers, including T3400, T3500, 390N and 755N. These require RedHat 5.3 or RedHat 6.3. Use of the Remote Status Tablet requires RHEL 6.3.

## VnmrJ 4.2 for Datastation (Off-line processing and analysis only)

VnmrJ 4.2 Datastation includes two options to use VnmrJ for stand-alone processing, display, and analysis, without connection to a spectrometer:

1. The Native Mac version of VnmrJ 4.2 Datastation supports Mac OS only: Mac OS X 10.6 (Snow Leopard), 10.7 (Lion), 10.8 (Mountain Lion), and 10.9 (Mavericks).
2. Virtual VnmrJ 4.2 Datastation is a full-featured Virtual Operating System for both Windows and Mac OS X and supports the CRAFT Spectrum to Spreadsheet option.

Prices for VnmrJ 4.2 Datastation license and one media kit (for Windows/Mac)

	New license	Upgrade from VJ 3.2
Single Seat	\$700	\$500
Up to Five Seats	\$1,300	\$700
Unlimited Seats	\$1,800	\$1,000

Installation on Windows 7, XP and more requires that the user purchase and install VMware Player separately.

<http://www.vmware.com/products/player/>

Installation on Mac OS X Operating Systems requires that the user purchase and install VMware Fusion separately.

<http://www.vmware.com/products/fusion/>



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## Agilent NMR Software Upgrade Service Option Definitions

### Service Option A: Installation and Basic Familiarization

**Statement of Work (SOW):** Provides installation, including interface with the spectrometer and basic familiarization of PC and VnmrJ software as a Workstation on a system. Customer is advised to remove all data and backup all customizations from original system. This service does not include data transfer to the new computer or software customizations. This service assumes spectrometer system is in full working condition and Agilent compliant in configuration. Any repairs to the system are not included and will be billed separately if necessary to complete the installation.

### Service Option B: Upgrade of VnmrJ Software Only

**SOW:** Provides installation and familiarization of VnmrJ software on a Workstation already interfaced to the spectrometer system. Customer is advised to backup and remove all data all customizations from original system. This service does not include data transfer or software customizations. This service assumes spectrometer system is in full working condition and Agilent compliant in configuration. Any repairs to the system are not included and will be billed separately if necessary to complete the installation.

## Enhanced Service Options Available for Extra Charge

### Enhanced Service Option C: Installation and Calibration

**SOW:** Provides installation, including interface with the spectrometer, calibration of one probe and basic familiarization of PC and VnmrJ software as a Workstation on a system. Customer is advised to remove all data and backup all customizations from original system. This service does not include data transfer to the new computer or software customizations. This service assumes spectrometer system is in full working condition and Agilent compliant in configuration. Any repairs to the system are not included and will be billed separately if necessary to complete the installation.

Price Upcharge (in addition to prices listed on page 1) for  
Enhanced Service Option C: **\$4,500**

### Enhanced Service Option D: Installation, Calibration and Customization

**SOW:** Provides installation, including interface with the spectrometer, calibration of one probe and familiarization of PC and VnmrJ software as a Workstation on a system. Customer is advised to remove all data and backup all customizations from original system. This service does not include data transfer. Two days onsite Applications Engineer is included, with option to customize software or provide on-site training to be clarified prior to site visit. This service assumes spectrometer system is in full working condition and Agilent compliant in configuration. Any repairs to the system are not included and will be billed separately if necessary to complete the installation.

Price Upcharge (in addition to prices listed on page 1) for  
Enhanced Service Option D: **\$11,100**

