



Thermo Scientific  
**GRAMS Suite**

Version 9.3 SP1

**Welcome Guide**

**Thermo**  
SCIENTIFIC

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# Contents

<b>Welcome to GRAMS Suite.....</b>	<b>1</b>
Component Applications .....	1
Validation .....	1
Product Availability .....	2
Installation .....	2
Comments .....	2
<b>System Requirements .....</b>	<b>3</b>
Hardware .....	3
Software .....	3
<b>Contents of the Installation Kit.....</b>	<b>4</b>
<b>Installation Instructions.....</b>	<b>5</b>
Installing the GRAMS Suite .....	5

# Welcome to GRAMS Suite

It is with great pleasure that Thermo Fisher Scientific encloses your copy of Thermo Scientific™ GRAMS Suite™ 9.3 SP1.

The GRAMS Suite of spectroscopy software is the industry standard solution for visualizing, processing, reporting, and managing spectroscopy data. The GRAMS Suite contains a collection of complementary and fully integrated applications and modules centered on the core GRAMS/AI spectroscopy data processing and reporting software. GRAMS Suite sets the industry standard for spectroscopy software with advanced processing routines, data comparison, data visualization, and its ability to handle data from any analytical instrument.

Detailed information about this release is included in the *GRAMS Suite 9.3 SP1 Release Notes*, delivered with the application. Refer to that document for information about the latest enhancements to the software.

## Component Applications

The GRAMS Suite 9.3 SP1 consists of the following applications:

- GRAMS/AI 9.3 SP1
- GRAMS 3D 9.3 SP1
- Spectral ID 9.3 SP1
- Spectral DB 9.3 SP1
- GRAMS Convert 9.3 SP1
- GRAMS IQ 9.3 SP1
- Active Multifile Tool 9.3 SP1
- Excel Exchange 9.3 SP1
- IQ Predict 9.3 SP1
- QuickQuant 9.3 SP1
- GRAMS Envision 2.2.2.0

The GRAMS Suite setup executable installs all these applications.

## Validation

GRAMS Suite 9.3 SP1 was developed in line with the Quality Management System employed by the Informatics business at Thermo Fisher Scientific. This release was tested on the following operating system:

- Microsoft® Windows® 10 x64 Professional

## Product Availability

The latest GRAMS Suite software release kit contains the accompanying tools and the product release notes in PDF format.

GRAMS Suite 9.3 SP1 can be installed from the following download site:

<http://www.gramssuite.com/downloads>

## Installation

Comprehensive installation instructions appear in this Welcome Guide. Read the instructions carefully before installation.

## Comments

Thank you for choosing Thermo Scientific GRAMS Suite.

The aim of Thermo Fisher Scientific is to deliver consistently high-quality software solutions that meet your laboratory requirements. Therefore, we are very interested in any suggestions you wish to make. Contact us directly using the following email address:

[sales@gramssuite.com](mailto:sales@gramssuite.com)

To call Thermo Fisher Scientific Support in the United States:

1-800-395-5467

Alternatively, you can send an email directly to GRAMS Support:

[support@gramssuite.com](mailto:support@gramssuite.com)

Regards,

Katie Evans

Senior Product Manager

# System Requirements

This section contains the hardware and software requirements for the GRAMS Suite.

## Hardware

The minimum requirements for the GRAMS Suite are:

Hardware	Required	
Processor	2 GHz	
RAM	2 GB	
Hard Disk Space	GRAMS Suite	180 MB
	Microsoft .NET Framework 4.8	1 GB
Display Resolution	1280 x 1024	

## Software

The GRAMS Suite runs on the following operating systems:

- Microsoft Windows 8.1
- Microsoft Windows 7
- Microsoft Windows 10

Each operating system requires Microsoft .NET Framework 4.8 and Microsoft Visual C++ 2012 Redistributable Package (x86). If these programs are not installed on your system, the GRAMS Suite InstallShield wizard installs Microsoft Visual C++ 2012 Redistributable Package (x86) but does not install the .NET Framework. If your system does not have Microsoft .NET Framework 4.8 installed, you can download the framework from <https://dotnet.microsoft.com/en-us/download/dotnet-framework>.

## Contents of the Installation Kit

The GRAMS Suite installation kit contains the following items:

- GRAMS Suite setup executable

To install the GRAMS Suite and the GRAMS Converters package, run **GRAMSSuiteSetup.exe**.

- GRAMS Suite 9.3 SP1 Product Release Notes

The release notes for this release are in PDF format and include information about new functionality, revised functionality, corrected issues, and known issues.

- README file (as needed)

The README text file contains late updates and instructions for this release.

# Installation Instructions

This section contains instructions for:

- Installing the GRAMS Suite, including the GRAMS Converters Package, GRAMS Shell Extension Handlers, and GRAMS Envision.
- Licensing the GRAMS Suite.

Before installation, close all programs to make sure that files update properly, and verify that you have administrator permissions on the target machine.

The installer runs four separate installs in the following order:

1. GRAMS Converters
2. GRAMS Shell Extension Handlers
3. GRAMS Envision Viewer
4. GRAMS Suite

## Installing the GRAMS Suite

### ❖ To install the GRAMS Suite

1. Locate and run the setup executable, **GRAMSSuiteSetup.exe**.

**Note** If you downloaded the file, a security warning dialog box might appear. The warning is a Microsoft feature designed to protect users from downloading files from unknown websites. The GRAMS Suite software download has the digital signature of its publisher, Thermo Fisher Scientific.

2. A User Account Control dialog box might appear, requesting permission to continue with the installation. Click **Yes**.
3. The Self-Extractor opens. To start the installation, click **Setup**.  
To stop the installation with no changes to your system, click **Cancel**.  
To see versions of the software packages, click **About**.

**Note** When Setup finds a previous version of GRAMS Converters or the GRAMS Suite, a message informs you that the installer updates previous versions. Click **OK** to uninstall the previous versions and continue with the installation.

4. The GRAMS Converters Package InstallShield wizard appears.

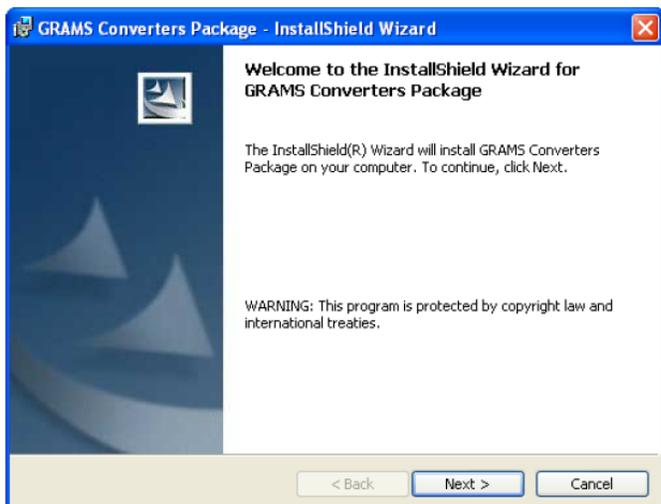
#### a. **Preparing to Install**

A progress bar appears while the package prepares for installation.

**Note** Setup looks on your system for Microsoft Visual C++ 2012 Redistributable Package (x86) and prompts for installation when this item is not installed. Click **Install** to install the requirement.

When the wizard is ready to start the GRAMS Converters Package installation, the Welcome screen appears.

Figure 1. GRAMS Converters Package InstallShield Wizard



b. **Welcome**

To continue, click **Next**.

c. **License Agreement**

Read and accept the terms of the license agreement.

To continue, click **Next**.

**Note** To print the license agreement, click **Print**.

d. **Ready to Install the Program**

At this point, the InstallShield wizard has all the information it requires for your installation.

To complete the installation, click **Install**. Click **Back** to change your selections.

e. **Installing GRAMS Converters Package**

This screen contains a progress bar that indicates the progress of the GRAMS Converters Package installation.

When all files are copied to your system, the Installation Wizard Completed screen appears.

f. **Installation Wizard Completed**

To complete the installation, click **Finish**. The InstallShield wizard closes.

5. The GRAMS Shell Extension Handlers InstallShield wizard appears.

a. **Preparing to Install**

b. A progress bar appears while the package prepares for installation.

**Note** Setup looks on your system for Microsoft Visual C++ 2012 Redistributable Package (x64) and prompts for installation when this item is not installed. Click **Install** to install the requirement.

When the wizard is ready to start the GRAMS Shell Extension Handlers installation, the Welcome screen appears.

Figure 2. GRAMS Shell Extension Handlers InstallShield wizard



c. **Welcome**

To continue, click **Next**.

d. **License Agreement**

Read and accept the terms of the license agreement.

To continue, click **Next**.

**Note** To print the license agreement, click **Print**.

e. **Ready to Install the Program**

At this point, the InstallShield wizard has all the information it requires for your installation.

To complete the installation, click **Install**. Click **Back** to change your selections.

f. **Installing GRAMS Shell Extension Handlers**

This screen contains a progress bar that indicates the progress of the GRAMS Shell Extension Handlers installation.

When all files are copied to your system, the Installation Wizard Completed screen appears.

g. **Installation Wizard Completed**

To complete the installation, click **Finish**. The InstallShield wizard closes.

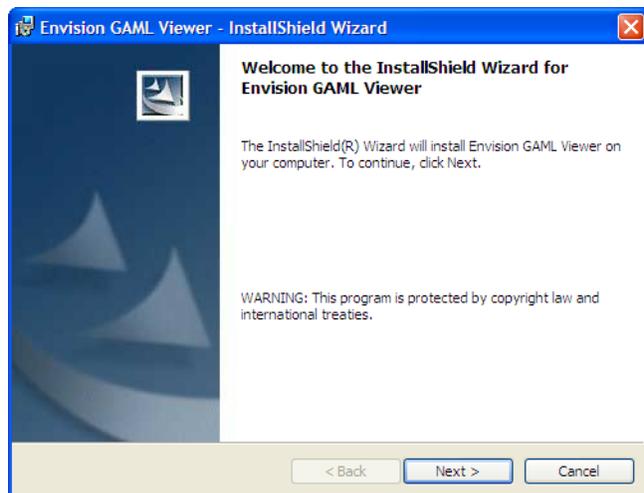
6. The Envision GAML Viewer InstallShield Wizard appears.

a. **Welcome**

This screen appears when the wizard is ready to start the installation.

Click **Next** to continue.

Figure 3. Envision GAML Viewer InstallShield Wizard — Welcome Screen



- b. **License Agreement**

Read and accept the terms of the license agreement.  
To continue, click **Next**.  
Click **Print** if you would like to print the license agreement.
  - c. **Destination Folder**

Specify an installation folder for Envision. Accept the default installation folder or click **Change** to select a different folder.  
To continue, click **Next**.
  - d. **Ready to Install the Program**

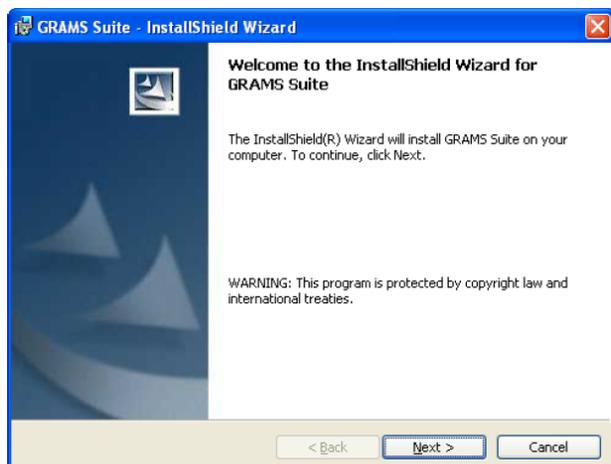
At this point, the wizard has all the information it needs to proceed with the installation.  
Click **Install** to continue with the installation or click **Back** to change your selections.
  - e. **Installing Envision GAML Viewer**

This screen contains a progress bar that indicates the progress of the GRAMS Shell Extension Handlers installation.  
When all files are copied to your system, the Installation Wizard Completed screen appears.
  - f. **Installation Wizard Completed**

To complete the installation, click **Finish**. The InstallShield wizard closes.
7. The GRAMS Suite InstallShield wizard appears.
- a. **Preparing to Install**

A progress bar appears while the package prepares for installation.  
When the wizard is ready to start the GRAMS Suite installation, the Welcome screen appears.

Figure 4. GRAMS Suite InstallShield wizard



b. **Welcome**

To continue, click **Next**.

c. **License Agreement**

Read and accept the terms of the license agreement.

To continue, click **Next**.

**Note** To print the license agreement, click **Print**.

d. **Destination Folder**

You can use the default installation location or click **Change** to designate a different location for the GRAMS Suite installation.

To continue, click **Next**.

**Note** The GRAMS Suite documentation refers to the default installation location. If you choose a different location, make a note of its path for future reference.

e. **GRAMS Suite Data Destination Folder**

The destination folder specifies the path used by the GRAMS Suite to save all information that can be modified during the operation of the applications.

You can use the default folder location or click **Change** to designate a different destination folder location.

To continue, click **Next**.

**IMPORTANT** Make sure that all GRAMS Suite users have write access to the GRAMS Suite data destination folder. Place the GRAMSSuiteData folder in a short, easy-to-remember path. Record the designated path.

f. **Ready to Install the Program**

At this point, the InstallShield wizard has all the information it requires for the installation.

To complete the installation, click **Install**. Click **Back** to change your selections.

g. **Installing GRAMS Suite**

This screen contains a progress bar that indicates the progress of the GRAMS Suite installation.

When all files are copied to your system, the GRAMS Configuration Manager appears.

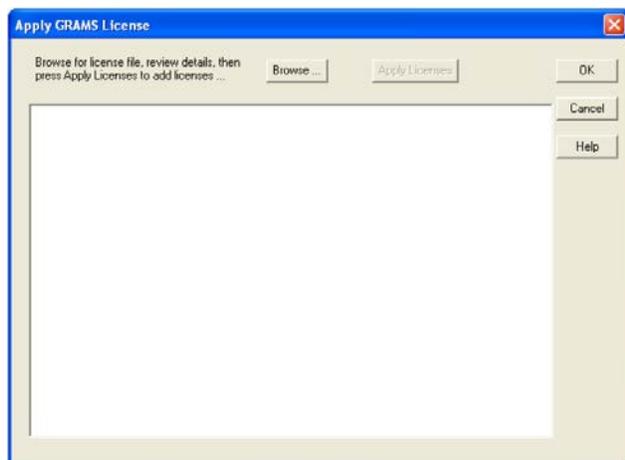
**Note** After you set up a license using the GRAMS Configuration Manager, the installer returns you to the GRAMS Suite InstallShield Wizard.

8. Set up the license in the GRAMS Configuration Manager. Access to the GRAMS Suite applications is controlled through encrypted license keys. The license is applied in the Configuration Manager in a series of prompted steps. The GRAMS License Warning is the first prompt for new installations of GRAMS Suite.
  - a. To continue, click **OK** in the license warning prompt. The Apply GRAMS License window appears.

**Note** The prompts do not appear for GRAMS Suite upgrades. Follow the instructions for licensing software upgrades sent by the Sales team.

b. **Apply GRAMS License**

Figure 5. Apply GRAMS License window

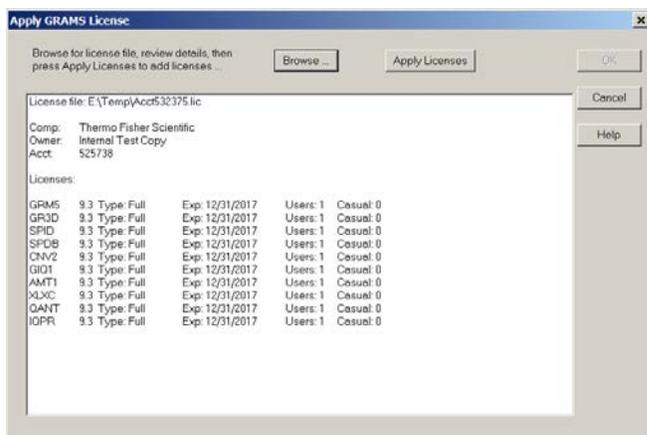


**IMPORTANT** It is a violation of GRAMS Suite License Policy to apply a license file to more than one machine. If you must install GRAMS Suite applications on multiple machines, email [Sales](#).

- i. To select the license file, click **Browse**. The Select a License File dialog box appears.
 

**Note** To apply the FlexNet license, follow the instructions provided by Sales.
- ii. In the Select a License File dialog box, select a license file and click **Open**. The license information populates the text area of the Apply GRAMS License window.
- iii. Review the license information in the text area of the Apply GRAMS License window and make sure that the information is accurate.

Figure 6. GRAMS license information



- iv. Click **Apply Licenses** to apply the license key to the relevant application files. The Apply GRAMS License window shows the applied licenses and any errors.

- v. To save the license information and close the Apply GRAMS License window, click **OK**. Keep the GRAMS Configuration Manager open.

c. **Registry verification**

The GRAMS Configuration Manager checks the registry to verify that the GRAMS Suite file types are registered correctly.

If any extensions are identified incorrectly, the following steps occur:

- i. The GRAMS File Type Test dialog box appears.
- ii. To register the file types, click **Yes**. A confirmation message appears when file type registration completes.

**Note** A User Account Control dialog box might appear, requesting permission for the GRAMSAdmin.exe application to access your computer. Click Allow.

- iii. To close confirmation message, click **OK**.
9. From the GRAMS Configuration Manager File menu, select **Exit** to close the application and return to the GRAMS Suite InstallShield wizard.

The Installation Wizard Completed screen appears.

10. To complete the installation and close the InstallShield wizard, click **Finish**.