SESAM INSTALLATION GUIDE

Valid from Software Installer version 3.9

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1 INTRODUCTION

Please read this installation guide prior to installing Sesam Software.

If you run into problems that you do not find a solution for in the installation guide,
please send an e-mail to: software.support@dnv.com or contact local support.

2 BEFORE INSTALLING

Please be aware of the following before installing Sesam:

- Supported platforms:

    o Windows 10

- At least 2 GB free disk space is required for a full installation.

- Perform the installation from a user with administrator privileges.

- Have a Sesam license file or the address of the network license service available before starting License Manager installation

- Microsoft Word is a prerequisite for installing ReportBuilder with Xtract.

- Pipeline Tools

    o Microsoft Excel is a prerequisite for all tools except PET.

    o Excel versions 2013 and 365 are supported.

    o FatFree runs on both 32bit and 64bit Excel, while the remaining Excel-based Pipeline Software tools support only 32bit.

3   HOW TO INSTALL

The Sesam packages are available at sesam.dnv.com. Select Download, then select Packages.

Unzip the downloaded package, and run 'Setup.exe' located in the top folder to launch 'Software Installer'. Remember that you will need administrative privileges on the computer to install the Sesam applications.

Click the checkbox to accept the terms in the license agreement:
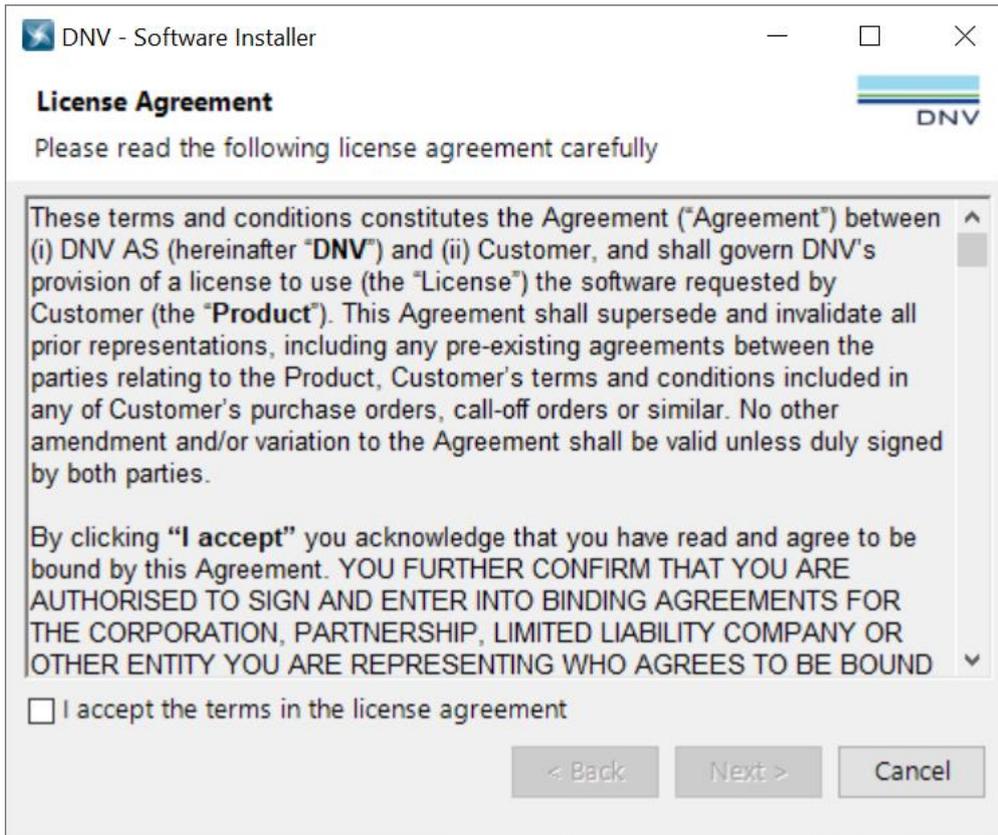
If one or more Sesam applications are installed on your computer, the 'Maintenance dialog' will open.

Check 'Configure Destination folders and License Manager' if you want to

- change the default installation paths or

- install/configure License Manager or

- install the dongle driver (can be done using the License Manager installation program)
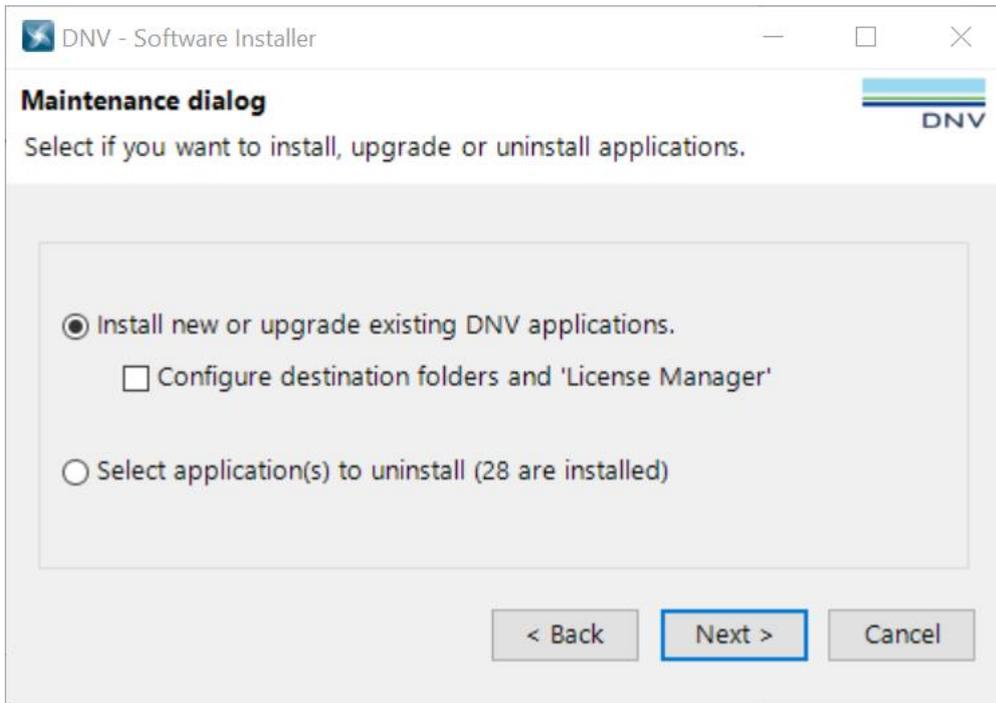
If this is the first Sesam installation on the computer, the 'Destination folders' dialog will open by default.

Uncheck 'Use default folders' to change the destination folders:
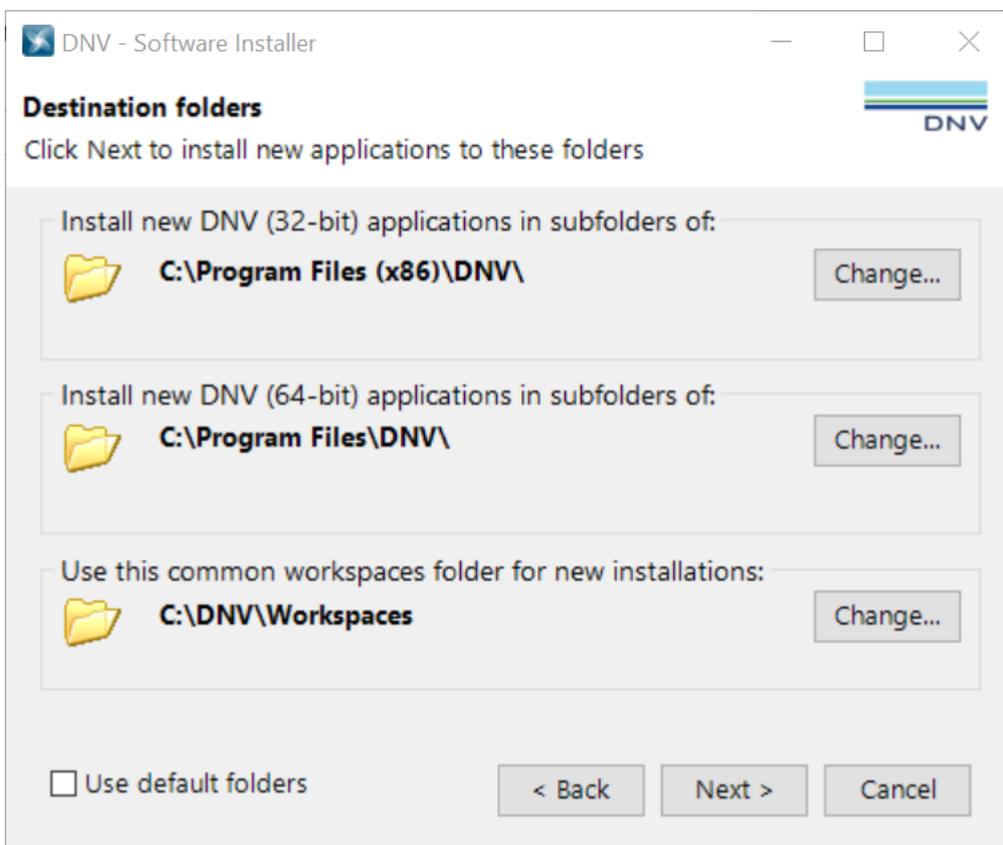
The settings will be remembered for future setups on the same computer with the same user and will also be used for silent installation.

3.1 Notes on License Manager

License Manager must be installed on a license server if you received a network license file. License Manager should also be installed on machines where 3rd party applications; Sima, Simo, Riflex or Patran-Pre, are running a standalone- or dongle license file. For the applications Sima, Simo and Riflex you will need to set environment variable MARINTEK_LICENSE_FILE to the folder where the license file is located.

License Manager installation is not required when:

- Standalone license file is used, except for the 3rd party applications mentioned above.

    o If the license file is not located in C:\flexlm, you need to set environment variable DNVSLM_LICENSÈ_FILE to the folder where the license file is located.

- The license server is running on another machine. You then need to set environment variable DNVSLM_LICENSÈ_FILE to 2002@*server-name* on machines where the Sesam programs are installed.

If using a dongle and not installing License Manager, the dongle driver must be installed separately.

'License Dongle Driver' can be downloaded from the download page at sesam.dnv.com. You will find it on the Applications tab.

See chapter License Manager Installation for installation screen dumps.

3.2 Selecting packages/applications to install

By default, all available applications on the distribution medium will be selected for installation unless you have already installed a newer version of an application.

To change the default selection, check/uncheck the ones you want to install/not install.

There are several icons used in the checkboxes showing the selection/installation status. Click 'Icons descriptions' for explanation.

The Description pane gives additional information about the application or package selected, which version is already installed and the version available on the installation medium. Click 'Next' when you have finished selecting the applications to install.
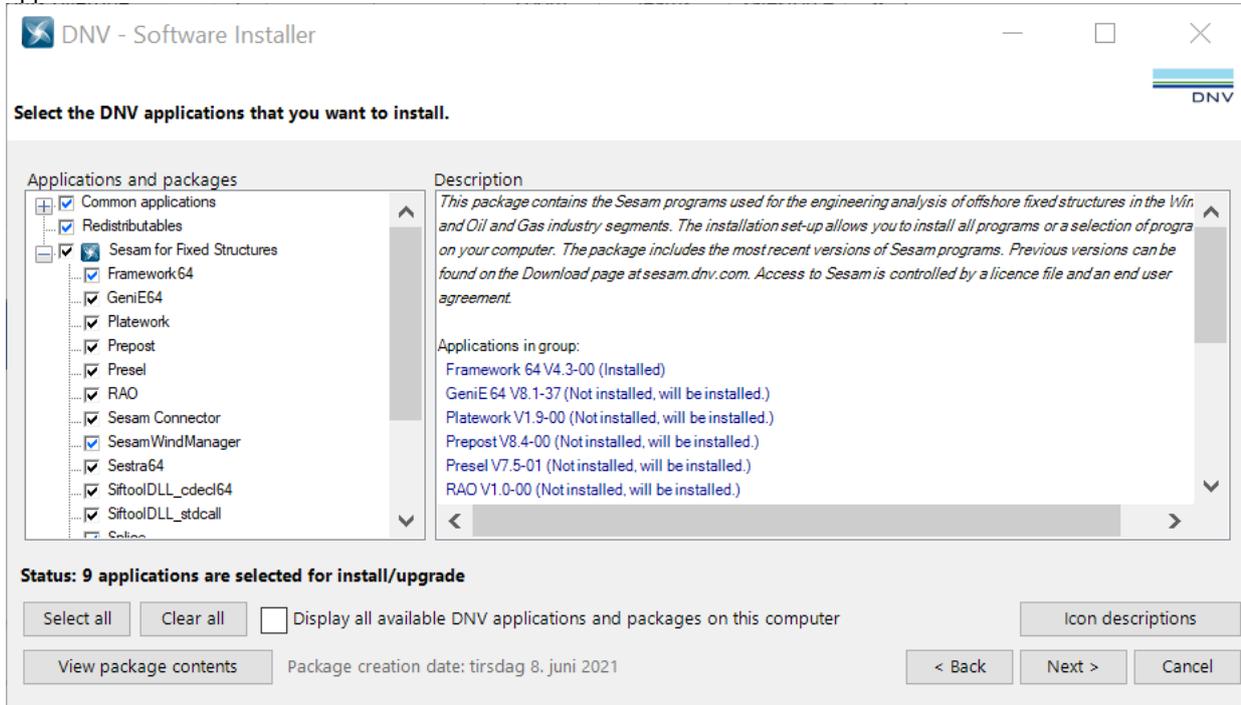
The selected applications are listed. Click 'Start' to start the installation. A dialog box with a progress bar will appear for each application, one at a time.
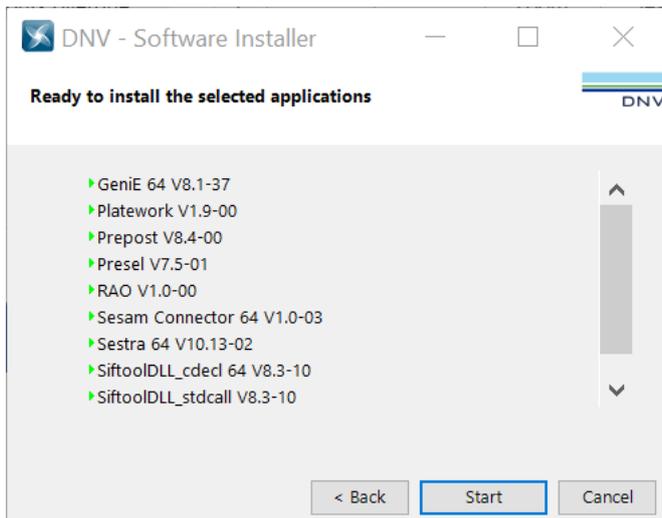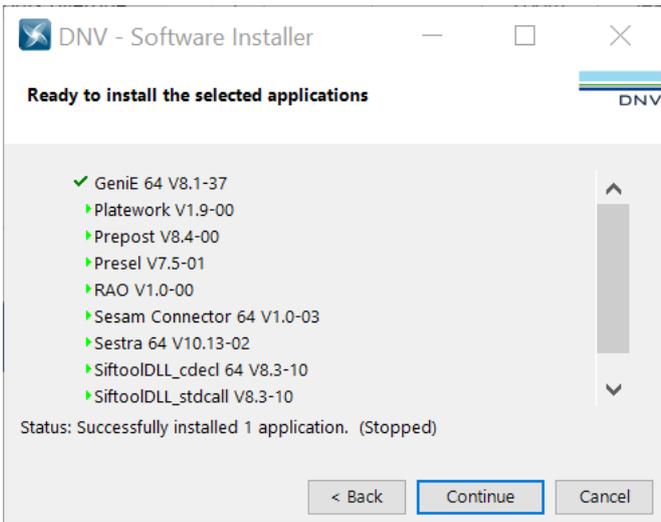

When all selected applications have been installed, click 'Finish' to exit the installer.
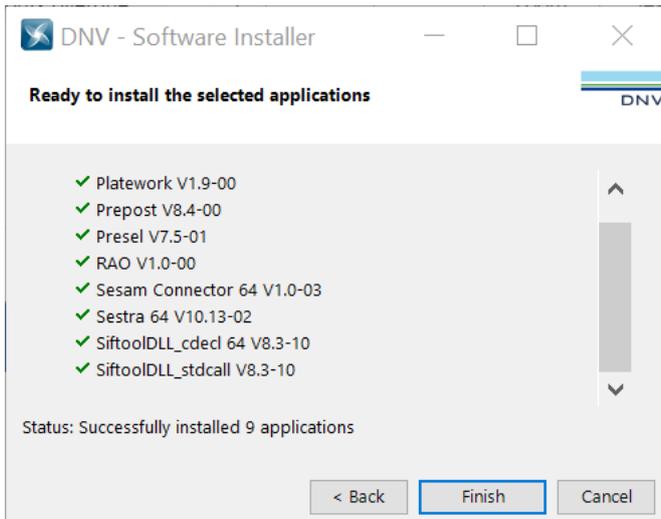
During installation, you may click 'Stop' to stop the current ongoing installation. Software Installer will stop after the current installation is finished (like GeniE in the screen dumps below).
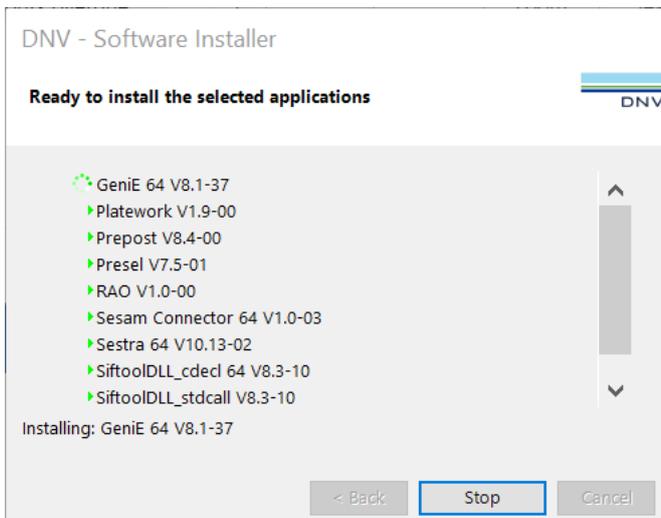
Press Continue to resume installation of the remaining application or Cancel to quit setup.

4   SILENT INSTALLATION

Open a command prompt, go to the installation folder, and type

```
setup.exe /?
```

in order to see a list of available command line options.

DNV - Software Installer 3.9.0.0   ✕

Argument: /?

Command line arguments:

SKIP_REBOOT_CHECK, do not stop if a reboot is required

UPDATE_ONLY_INSTALLED_APPLICATIONS, update only installed applications

INSTALL_APPLICATION_GROUP=<group1>,<group2>,...
  where <group> is one of: "allapplications, fixed, floater, PipelineTools"

INSTALL_APPLICATION=<app1>,<app2>,....
  where <app> is one of the available installations in setup folder (or "all"):
  "Application Version Manager, Bpopt, Cutres, DeepC64, FatFree, FNCorrosion64, Framework64, GeniE64, Helica, HydroD, HydroD64, HydroMesh, Installjac, License Manager, Mimosa64, OS-F101, PET, Platework, Postresp, Postresp_time, Prefem, Preframe, Prepost, Presel, Profast, RAO, Riflex64, RP-F101, Sesam Connector, Sesam Converters 64, Sesam Manager, SesamWindManager, Sestra64, ShellDesign, SiftoolDLL_cdecl64, SiftoolDLL_stdcall, Sima, SimBuck, Simo64, Splice, Staad2Sesam, StableLines, Stofat, Submod64, Usfos64, Wadam64, Wajac64, Waloco, Wamod, Wasim64, Waveship, Xtract64"

UNINSTALL_APPLICATION=<app1>,<app2>,....
  where <app> is the name of one of the installed applications (or "all"):
  "Application Version Manager, Bpopt, Framework64, GeniE64, HydroD64, License Manager, Nauticus Hull V20, Nauticus Machinery Client, OS-F101, Platework, Prepost, Presel, RAO, Riflex64, Sesam Connector, Sesam Converters 64, Sesam Manager, SesamWindManager, Sestra64, ShellDesign, SiftoolDLL_cdecl64, SiftoolDLL_stdcall, Simo64, Splice, Staad2Sesam, Stofat, Usfos64, Wajac64, Wamod, Xtract64"

Example 1: Install 4 DNV applications:
  setup INSTALL_APPLICATION=genie64,xtract64,cutres,presel

Example 2: Install two packages (application groups):
  setup INSTALL_APPLICATION_GROUP=fixed,PipelineTools

Example 3: Uninstall all DNV applications:
  setup UNINSTALL_APPLICATION=all

[OK]

Tip:

Press Ctrl+C to copy the text in this window to the clipboard.
Use parts of the pasted text to e.g. uninstall all programs.

If you need the exit code from the setup, prefix the command with start/wait as shown in the example below.
To update applications that are already installed on a computer only, type:

```
start /wait setup UPDATE_ONLY_INSTALLED_APPLICATIONS
```

NOTE: UPDATE_ONLY_INSTALLED_APPLICATIONS cannot be combined with any INSTALL_APPLICATION…
arguments.

Output will be written to standard output, i.e. to the command window from where the job started. Example output from the command:


```
λ start/wait setup  UPDATE_ONLY_INSTALLED_APPLICATIONS


Running: DNV - Software Installer, version: 3.9.0.0


Searched for DNV applications in subfolders of:
        <mysetupfolder>

Argument: UPDATE_ONLY_INSTALLED_APPLICATIONS


Install status for installed applications:
 Application Version Manager V3.1-01  (Installed)
 Bpopt V5.8-04  (Installed)
 Framework 64 V4.3-00  (New version, checked for installation)
 GeniE 64 V8.1-37  (New version, checked for installation)
 Sesam Connector 64 V1.0-03  (Installed)
 Sesam Converters 64 V2.3-04  (New version, checked for installation)
 Sesam Manager V6.6-02  (Installed)
 Sesam Wind Manager 64 V5.2-01  (Installed)
 Sestra 64 V10.13-02  (Installed)

Updating configuration:
Installing: Framework 64 V4.3-00
Installing: GeniE 64 V8.1-37
Installing: Sesam Converters 64 V2.3-04

Summary: Successfully installed 3 applications
```
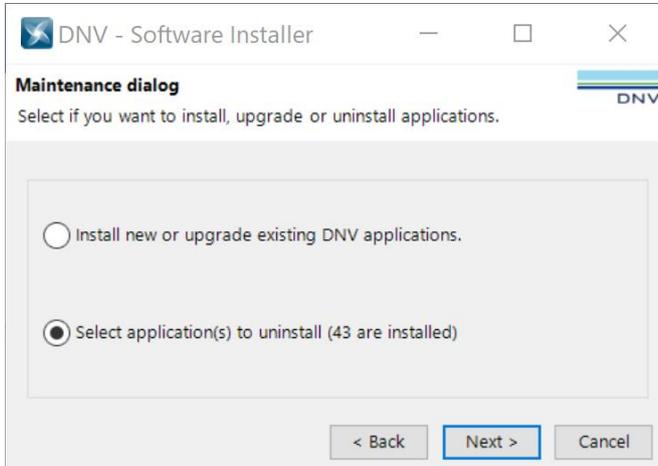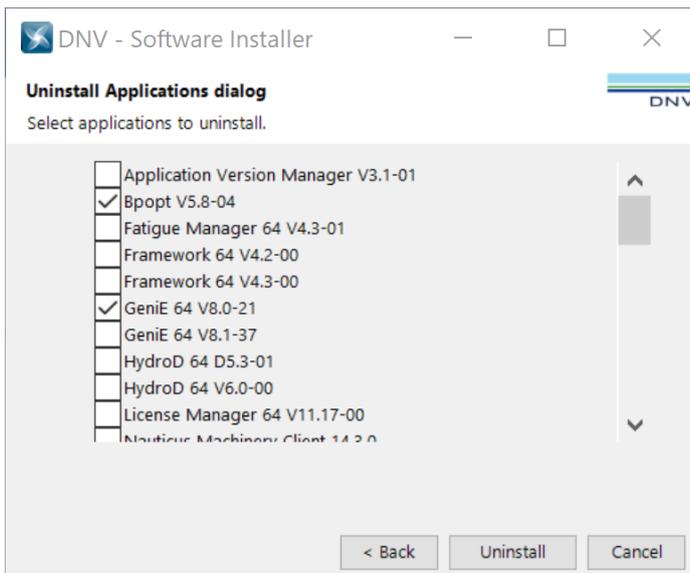
5 UNINSTALLATION

You may uninstall a set of Sesam applications using Software Installer.

Select the applications to uninstall.

6   REDISTRIBUTABLES

Software Installer will install the redistributable packages which are required to run Sesam automatically.

The following software is included in the Redists folder, and will be installed automatically if required by the selected Sesam package(s):

VC2010\vcredist_x86.exe   : Visual C++ 2010 redistributable for 32-bit applications
VC2010\vcredist_x64.exe   : Visual C++ 2010 redistributable for 64-bit applications
VC 2015 Redist\vc_redist.x86.exe   : Visual C++ 2015 redistributable for 32-bit applications
VC 2015 Redist\vc_redist.x64.exe   : Visual C++ 2015 redistributable for 64-bit applications
DirectX9c-June2010\DXSETUP.exe: DirectX9 (used by GeniE, DeepC and Sima)
ReportViewer.exe   : includes controls for viewing reports

7 AFTER INSTALLATION

After installing the software, log on with the user that will run the Sesam programs and start 'Application Version Manager' for an initial configuration.
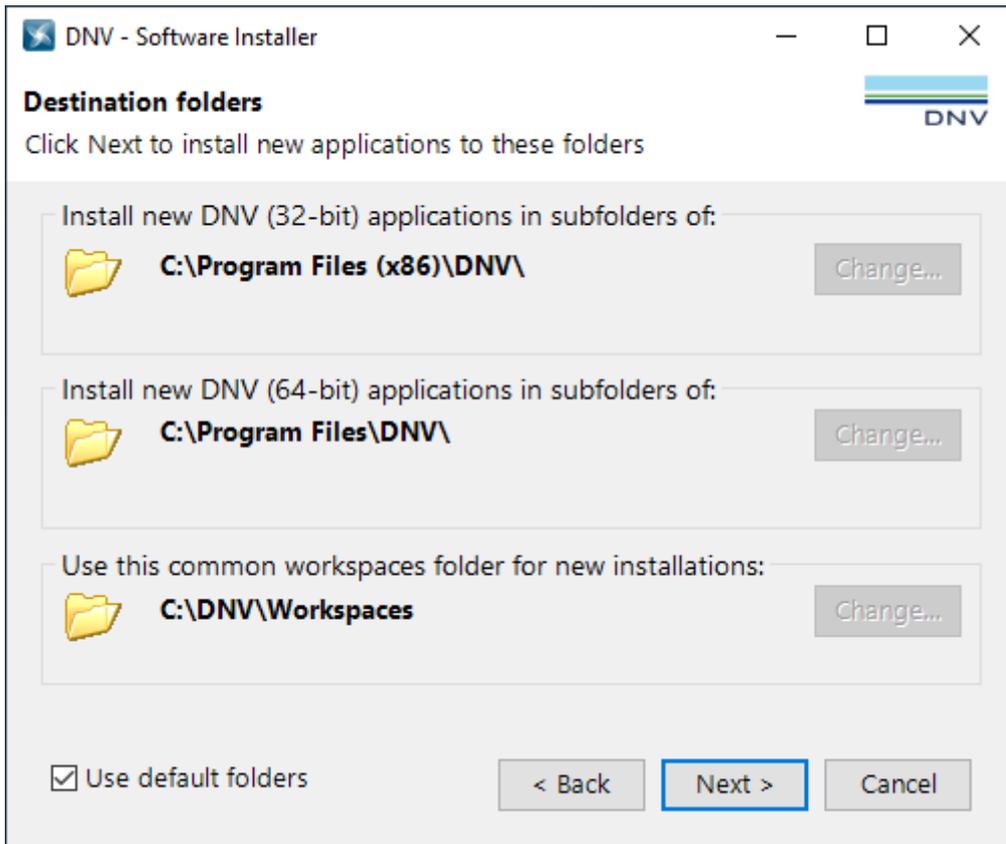
8 LICENSE MANAGER INSTALLATION

See chapter Notes on License Manager for information about if and where License Manager installation is required.
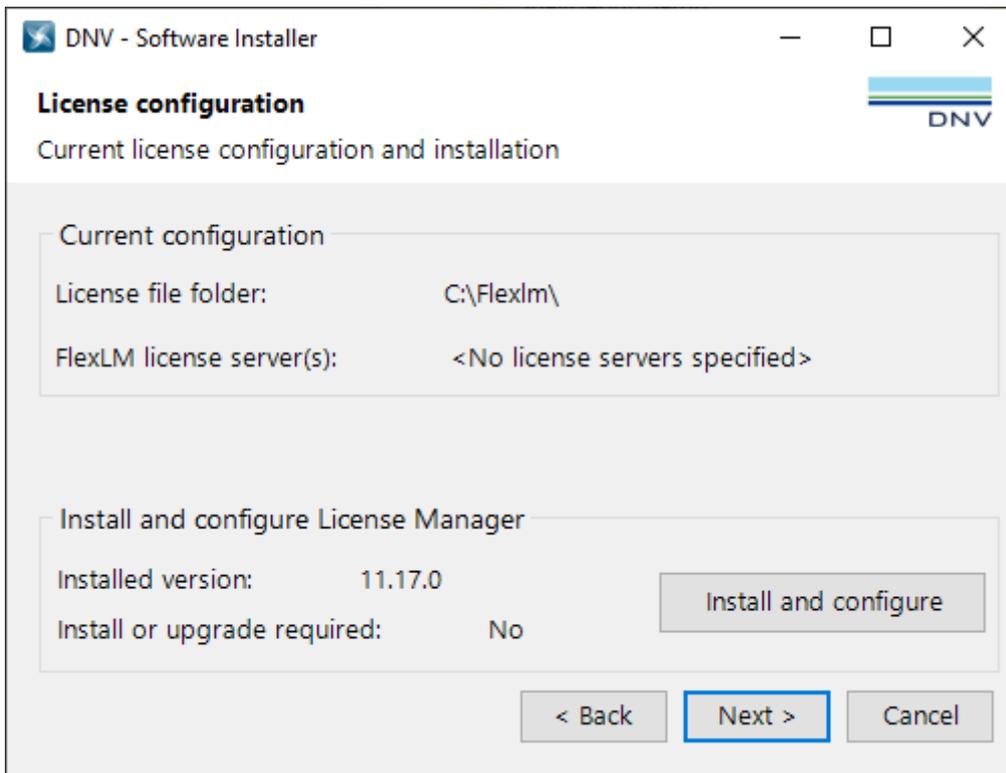
Check Configure Destination folders and 'License Manager' to install/configure License Manager:
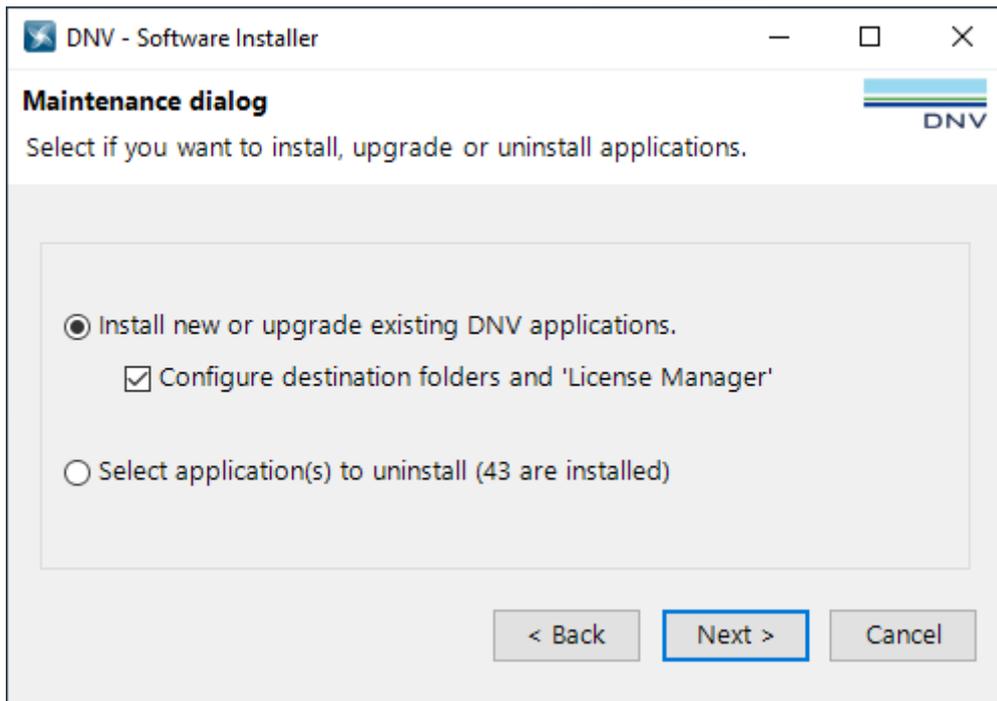
Press Next in the 'Destination folders' dialog to get to the License configuration screen:

Press 'Install and Configure' to install License Manager:

License Manager setup is described in a separate installation guide.
When finished, go back to 'DNV - Software Installer' and click 'Next' to continue the Sesam installation.

Please see 'License Troubleshooting' at sesam.dnv.com if licenses are not working as expected.

If assistance from software.support@dnv.com is required, include a screen dump with the error message and the file C:\flexlm\dnvs.log from the licenser server machine.

9 TROUBLESHOOTING

- Some redistributables are installed automatically when starting the installation programs (e.g. C++ redistributables).
  If the installation program fails to install the redistributables, they can be found in subfolder *Redists* and installed manually.

- Xtract installation is not possible if Microsoft Word is not present on the computer.

- Pipeline tools is not possible to install if Microsoft Excel is not present on the computer.

10 HOW TO FIND MORE INFORMATION

sesam.dnv.com is the primary portal for finding information on downloads, status lists and release notes.

Please also note Patran-Pre can only be downloaded from the above-mentioned location.

About DNV

We are the independent expert in risk management and quality assurance. Driven by our purpose, to safeguard life, property and the environment, we empower our customers and their stakeholders with facts and reliable insights so that critical decisions can be made with confidence. As a trusted voice for many of the world's most successful organizations, we use our knowledge to advance safety and performance, set industry benchmarks, and inspire and invent solutions to tackle global transformations.

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