

V12.1[™]

Asset Optimization Software: Engineering, Manufacturing & Supply Chain and Asset Performance Management



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Welcome to the New Release of aspenONE® Software

We are excited to release V12.1 version of asset optimization software for the aspenONE Engineering, Manufacturing & Supply Chain and Asset Performance Management suites. Building on the history of AspenTech and our innovation in the process industries, aspenONE makes it faster and easier to increase capacity, improve margins, reduce costs and become more energy-efficient.

In V12.1, you will find media containing one or more of the following suites:

- aspenONE Engineering
- Standard or Token version of aspenONE Manufacturing & Supply Chain
- aspenONE Asset Performance Management (this is a download only item)
- aspenONE Informatica® PowerCenter®, a third-party component used in conjunction with Aspen Supply Chain Connect™ (this is a download only item)

What's New in aspenONE V12.1

The aspenONE V12.1 software release includes product enhancements to help you further take advantage of the power of optimization.

To learn more about the new features in V12.1, visit:

aspentech.com/products/v12-1-release

Note: As most customers prefer to download the media, the default delivery option has been changed to electronic delivery. You will receive an email with link to the media once the order is placed. You may also choose to receive physical media if you prefer.





Before You Install

Before installing any AspenTech product, we recommend that you read the Installation Guide and Release Notes for each product you intend to install. This important documentation can be found in the Documents folder on the media.

Platform support information is available at:

aspentech.com/platform-support

The new On-Line Prerequisite Viewer is available at the following link and can be used to identify all the prerequisites for all supported products—even before you have the software in hand:

<https://support.aspentech.com/aspenone-prerequisites>

Please visit the Aspen Technology Customer Support Website

https://esupport.aspentech.com/S_Article?id=000047944 for instructions on how to deploy aspenONE Engineering Software Suite in the cloud.

License Server

When you deploy aspenONE V12.1 software, the v12.0 SLM server should be installed first. The SLM client is automatically installed when you install any V12.1 software. It is recommended that you upgrade the SLM clients on all client machines to V12.0 to avoid any potential incompatibility issues. During this transition period, it is possible to have clients at a lower version than the SLM server.

Role Based Security: Client tools are automatically installed as part of the security bundle. For more information, see the Aspen Framework Installation Manual and the Aspen Local Security Server Installation Guide, located in the aspenONE Manufacturing & Supply Chain folders on the media.

Engineering Interoperability

The aspenONE Engineering suite offers a set of fully integrated products listed below. Users receive maximum benefits and flexibility when utilizing the entire suite of integrated products. You should always upgrade to the latest process design tools when starting a new design project. This will guarantee availability of the latest property data, cost data, design codes, defect fixes and functionality. Product families should be installed as a suite, using a compatible set of interoperable versions, as delivered. Coexistence is the ability for multiple versions of the Engineering suite to be installed on the same desktop computer. The following products support coexistence:

- Aspen Plus®
- Aspen HYSYS®
- Aspen Exchanger Design & Rating
- Aspen Economic Evaluation
- Aspen Basic Engineering™
- Aspen Multi-case Analysis
- Aspen Knowledge
- Aspen OptiPlant

Manufacturing & Supply Chain Interoperability

The aspenONE Manufacturing & Supply Chain suite includes the integrated major products families listed below. AspenTech recommends that you install a complete family of products of the same version. Multiple product families installed on the same machine should also be the same version.

- aspenONE Advanced Process Control (APC)
- aspenONE Manufacturing Execution Systems (MES)
- aspenONE Petroleum Supply Chain (PSC)
- aspenONE Supply Chain Management (SCM)
- Aspen GDOT™
- Aspen Unified GDOT
- Aspen Multivariate Statistical Analysis

Asset Performance Management Interoperability

The aspenONE Asset Performance Management suite includes the products listed below. AspenTech recommends that when more than one of these products are used on the same computer, or as part of an integrated solution across multiple computers, that all products be at the same software version. All products in the Asset Performance Management suite may be updated at a different release cycle from the products in the Engineering and Manufacturing & Supply Chain suites. Installing products from the other two suites on a machine that has aspenONE Asset Performance Management products installed is not recommended.

- Aspen Fidelis™
- Aspen ProMV™
- Aspen Mtell®
- Aspen Cloud Connect

Installing and Upgrading Your Software

Start planning your upgrade today! Visit our https://esupport.aspentech.com/S_Article?id=000095179 Product Upgrade Journey page on the support site for best practices to help you upgrade faster and more efficiently.

Launch the installer by clicking Setup.exe. The aspenONE Installer will guide you through the necessary steps to install new products, upgrade currently installed products, configure licensing or create an install script for automated software deployment. Please read the instructions on each screen carefully. Select the product suite you want to install and click on "Begin Install." This will launch the corresponding installer.

For instructions on how to deploy aspenONE Engineering Software in the cloud, refer to this KB Article on the Customer support site: https://esupport.aspentech.com/S_Article?id=000047944

Note:

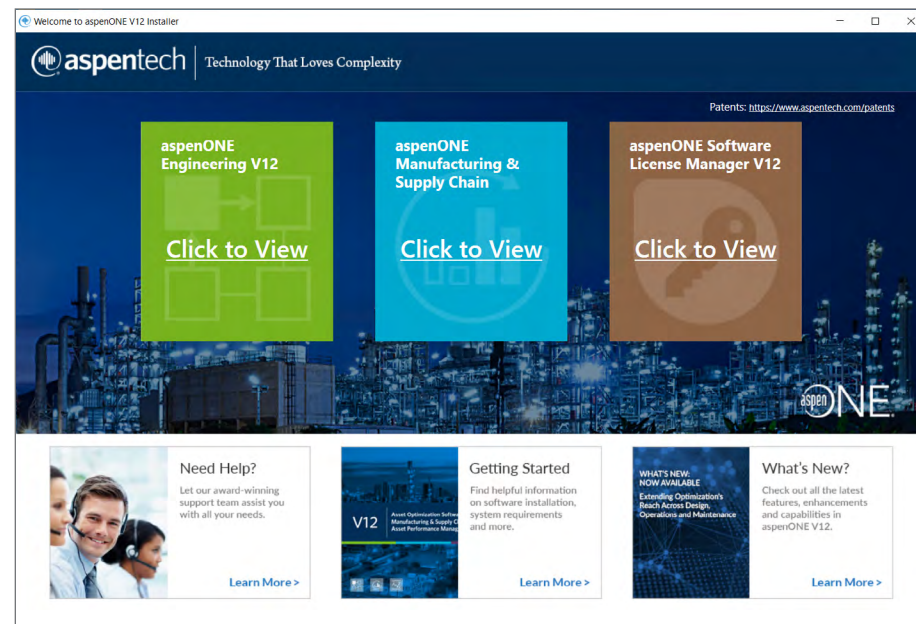
- If you originally installed aspenONE software via a network share and need to repair the software, perform the Repair function from a network.
- If you performed an original installation from a physical USB, perform the Repair function from the physical USB.

Select the products you want to install. The installer will automatically check for product dependencies and product-specific prerequisites before installing. If any system prerequisites are missing from your system, the installer will list this information.

The media may also include patch updates for selected aspenONE products. If patch updates are available on the media, the installer will notify you and will update your system with the corresponding patches.

Once the install has completed, use the Update Agent to check for any patches or updates posted since the initial V12.1 release. Here is a link to a KB article that describes how to use the Update Agent:


https://esupport.aspentech.com/S_Article?id=000048550



This screenshot above is only an example of how the product selection screen could look. It will vary based on what media is being used and what products are installed on the machine, as well as the install path and the product family that has been selected.

Documentation

Context-sensitive help can be accessed by:

- Clicking the Help button on an application dialog box 
- Pressing F1 while in the application
- Clicking the application Help menu and selecting Help

Additional documents in PDF format can be accessed by:

- Clicking the Documentation link on the product's start page or start tab, or by selecting Documentation from the product's Help menu
- Logging onto the AspenTech Support Center site and browsing the Documentation page
- Downloading documentation from the product-specific pages on the AspenTech Support Center site

For Aspen Plus, Aspen HYSYS, Aspen Exchanger Design & Rating and Aspen DMC3™ Builder, you can access additional documents by:

- Clicking on the link to Exchange on the File menu and then entering a search string in the search box
- Clicking on the documentation search shortcut on the Resources ribbon and then entering a search string in the search box, or by browsing through the list of published training documents

Note: You must have Adobe Acrobat Reader installed in order to view and print PDF documentation. You can download the free viewer from the Adobe website at [adobe.com](https://www.adobe.com)

Translated Versions

We know it is important for our customers to have access to translated product of a new release as soon as possible. As a result, we are transitioning to a simultaneous shipment (sim-ship) model that includes product translations in the initial release. In V12.1, the majority of translations will sim-ship, and a small sub-set will become available shortly after the initial release.

- Refer to the Knowledge Base article [44539](#) on the support site to see the latest status on translated versions.



Technical Support

For further information regarding aspenONE software, please register at our online [support center](#).

The AspenTech support website allows you to:

- Access product updates and patches, product training information, online training, and current product documentation
- Search our online Knowledge Base for tech tips, applications examples, known issues, new features and other informative resources
- Submit and track technical issues and product defects

- Report any difficulties with installing or running our software
- Ask questions about the contents of the software package
- Find regional contact information

Engineering, APC and APM customers can also gain access to valuable support materials, including online training, flowsheet models and Knowledge Base items via Exchange inside Aspen Plus, Aspen HYSYS, Aspen Exchanger Design & Rating and DMC3 builder.

Contact Info

Worldwide Headquarters

Aspen Technology, Inc.
20 Crosby Drive
Bedford, MA 01730
United States
phone: +1-781-221-6400
fax: +1-781-221-6410
info@aspentech.com

Regional Headquarters

Houston, TX | USA
phone: +1-281-584-1000

São Paulo | Brazil
phone: +55-11-3443-6261

Reading | United Kingdom
phone: +44-(0)-1189-226400

Singapore | Republic of Singapore
phone: +65-6395-3900

Manama | Bahrain
phone: +973-13606-400

For a complete list of offices, please visit
aspentech.com/locations

North America

Toll-free from U.S.,
Canada, Mexico
+1-888-996-7100

From outside U.S.,
Canada, Mexico
+1-781-221-5500

Mexico
+52-(55)-3600-7140

Europe, Middle East, and Africa*

European Support Center
+44-(0)-1189226555

Russia
+7-495-7821907

Middle East Support Center
+973-1750-2736

South America

Toll-free from Argentina
+0800-333-0125

Toll-free from Brazil
+0800-891-0291

Brazil
+55-11-3443-6256

Toll-free from Venezuela
+0800-100-2410

Asia and Pacific Region

Australia
1-800-203224

China-China Net Comm
10-800-712-2160

China-Others
10-800-120-2160

Hong Kong
+1-800-933-915

India
+91-20-667-82574

India-Reliance and Bharti
800001-6020

Indonesia
+001-803-011-4210

Japan
0066-33-132920

Korea
00798-14-800-7569

Malaysia
+1-800-814135

New Zealand
+1-0800-443254

Singapore
800-120-5022

Taiwan
+00801-13-7953

Thailand
+001-800-12-066-6381

Vietnam
120-11037

About Aspen Technology

Aspen Technology (AspenTech) is a leading software supplier for optimizing asset performance. Our products thrive in complex, industrial environments where it is critical to optimize the asset design, operation and maintenance lifecycle. AspenTech uniquely combines decades of process modeling expertise with machine learning. Our purpose-built software platform automates knowledge work and builds sustainable competitive advantage by delivering high returns over the entire asset lifecycle. As a result, companies in capital-intensive industries can maximize uptime and push the limits of performance, running their assets safer, greener, longer and faster.

[aspentech.com](https://www.aspentech.com)

