



Software License Options

For Education

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Introduction

Academic institutions can select from a variety of licensing options for individuals, groups, departments, classrooms, or the entire campus. MathWorks license options are intended to accommodate the needs of faculty, academic staff, and students. This document provides a general overview of license options and associated activation types to help you decide which one is best for you.

Visit www.mathworks.com/academia to learn about products, resources, and programs available to support the use of MATLAB and Simulink at your academic institution.

Right-to-Use Choices

The products are restricted to use solely in support of classroom instruction and noncommercial academic research activities of students, faculty, and staff. The right to use the products for commercial purposes is expressly excluded. Research and development divisions and centers of universities, U.S. government agencies, and other not-for-profit organizations do not qualify for use of education licenses.

MathWorks offers several license options that can be grouped into three types based on desired usage scenario: by user, by computer, or through a network.

- 1) **The user-based licensing model** allows a single, designated Named User to install and use the software on a number of computers. The software can be activated on up to four individual computers (such as at work and at home) as long as the licensed Named User is the only person to use the software on each computer.
- 2) **The computer-based licensing model** allows the software to be installed and operated on a single computer, provided the computer is not a terminal server and the products are operated from the computer's console (i.e., not remotely). Under this model, multiple end users can use the software on a single computer, but not simultaneously.
- 3) **The Network Concurrent User License** enables multiple users to access the software simultaneously. When the number of simultaneous users equals the number of licensed keys, anyone who subsequently tries to start the software is denied access until a key becomes available again.

A Named User may not use a program on more than two computers simultaneously. A user on a Network Concurrent license may utilize any number of computers, but each program session started on a separate computer will check out a concurrent key.

License Options at a Glance

Academic Use

Individual License Option – If you are a faculty member, academic staff member, or researcher at a university and would like your own single-user academic license, the Academic Individual license option is for you. This license option allows you to select the Windows, Linux, UNIX, or Macintosh platform.

Group License Option – If you work in a department with fellow faculty members, academic staff, or researchers who also use MathWorks products, you can choose the Academic Group license option. With this option, the group administrator has the right to install the software on a specified number of computers. The number of installations cannot exceed the number of seats purchased. This option allows the group administrator to select the Windows, Linux, UNIX, or Macintosh platform for each computer installation.

Concurrent License Option – If you would like MathWorks products to be available on your department or campus network, the Academic Concurrent license option is for you. With this option, the number of simultaneous users required defines the number of licenses to be purchased. This option supports Windows, Linux, UNIX, or Macintosh within the same network.

Classroom Use

Classroom License Options – If you are a faculty member interested in installing MathWorks products in your classroom or instruction-only labs, the Classroom license option is for you. Classroom licenses are purchased for installation on a single designated computer (Classroom Group option) or network (Classroom Concurrent option). Classroom licenses require a minimum quantity of 10. Quantity discounts are available. Classroom licenses are available for Windows, Linux, and Macintosh. The Classroom license option is in support of student classroom instruction only.

Student Use

Student Group License Option – This option allows a university to purchase a customizable set of MathWorks products on behalf of students to install on their personal machines. The Student Group license comprises MATLAB, Simulink, Control System Toolbox, Signal Processing Toolbox, Signal Processing Blockset, Statistics Toolbox, Optimization Toolbox, Image Processing Toolbox, and Symbolic Math Toolbox. Additional products can be added to any Student Group license at time of purchase. This option is available for Windows, Linux, or Macintosh.

Campuswide Use

Total Academic Headcount–Campus Option – If your institution purchases and administers software centrally and would like to make MathWorks products available on-campus to the entire faculty, academic staff, researcher, and student population, you can choose this annual license option. The Campus option provides institutionwide access on university-owned machines and permits classroom or lab installation. In addition, faculty, academic staff, and researchers are licensed for home and laptop use. Student use is restricted to on-campus computing facilities.

Total Academic Headcount–Student Option – Choosing this option enables you to provide your entire student population with access to MathWorks products on their personally owned desktop or laptop computers.

Pre-University Use

Pre-University/K–12 Classroom License Option – If you are a teacher interested in installing MathWorks products in your classroom or instruction-only labs, the Pre-University/K–12 Classroom license option is

for you. Pre-University/K–12 Classroom licenses are purchased for installation on a single designated computer or network. Quantity discounts are available. This license option is available for Windows, Linux, and Macintosh. The Pre-University/K–12 Classroom license option is in support of instruction for students only.

License Options In Depth

Individual License Option

Select this license if you are a faculty member, staff member, or researcher and would like your own single-user academic license for use anywhere you work.

How It Works

- This license is available for academic use only.
- This license is available for Windows, UNIX, Linux, and Macintosh.
- Select your activation type:
 - **Standalone Named User.** If you choose Standalone Named User, you are the Named User on this license, and you have the right to install the software on one or more computers. These can include work, home, lab, and laptop computers, as long as you are the only person to access and use the software on each computer.
 - You are allowed to activate on up to four computers.
 - You are required to create a MathWorks Account and associate it with the license.
 - You are required to provide your operating system user name. The software runs only when you are logged in to the computer.
 - **Designated Computer.** If you choose Designated Computer, the software may be installed and activated on one computer, such as a shared workstation in a lab, for nonsimultaneous use by multiple people.
- MathWorks Software Maintenance Service (SMS) provides ongoing technical support and automatic software updates. The first year of SMS is included at no charge. In subsequent years, you have the option to purchase an annual subscription to SMS.
- SMS renewal bills and software update notifications are sent to you as the administrator of the license. By request, you may combine multiple individual licenses under a single license administrator and/or Asset Manager.

Advantages

- Provides maximum control for the end user
- Does not require IT involvement
- Named user licensing allows users to install the software wherever they would like to work (e.g., office, home, laptop)

Considerations

- Administration is the responsibility of the end user.
- Asset tracking can be complex for a large quantity of Individual licenses.
- This option provides the lowest asset mobility, as it is licensed to a single Named User.

Activation Types

Activation Type	Activation Limit	MathWorks Account Association	Redesignation Limit	Internet Connection
Standalone Named User	Up to four computers	Required	Named User may be redesignated up to four times per year	Not needed for operation; recommended for easy activation
Designated Computer	One computer	Recommended	Computer may be redesignated up to four times per year	Not needed for operation; recommended for easy activation

Group License Option

Select this option if your university would like to designate an administrator to manage a group of designated computer licenses.

How It Works

- This license is available for academic or classroom use:
 - Minimum of two MATLAB licenses for Academic Group license option
 - Minimum of 10 keys for all products for Classroom Group license option
- This license is available for Windows, UNIX, Linux, and Macintosh.
- A Group license is a collection of Individual designated computer licenses, gathered together for the convenience of centralized administration.
- For each MATLAB key on a Group license, a unique Group Member license is created.
- Each Group Member license has its own product configuration.
- The administrator:
 - Will use the License Center to simplify many of the tasks of Group license administration. The License Center is the primary tool for managing and tracking product usage.
 - Will assign products from the Group license to each Group Member license.
 - Has the option to associate an end user with each Group Member license.
 - Installs the software locally on the individual computers.
- This option has one activation type: Designated Computer. The software may be installed and activated on one computer for nonsimultaneous use by multiple people.
- The Group license will serve as an aggregator of all Group Member licenses for reporting and maintenance quotes.
- The Academic Group license requires a minimum of two MATLAB seats current on Software Maintenance Service (SMS).

Advantages

- Enables central administration of licenses through the online License Center
- Keeps each computer at the same version
- Enables administrators to keep versions up to date
- Provides higher asset mobility (multiple end users can use the software at a given computer)
- Quantity discounts are available

Considerations

- Requires system administration or IT infrastructure
- Is best for small workgroups

Activation Types

Activation Type	Activation Limit	MathWorks Account Association	Redesignation Limit	Internet Connection
Designated Computer	One computer	Recommended	Computer may be redesignated (reassigned) up to four times per year	Not needed for operation; recommended for easy activation

Concurrent License Option

This option offers the highest asset access and asset mobility, but its value depends on the university's usage patterns. Select this license if you would like MathWorks products to be available on your department or campus network. With this option, the number of simultaneous users required defines the number of licenses to be purchased.

How It Works

- This license is available for academic or classroom Use.
- This option uses the FLEXnet license manager in Floating License mode.
- You specify the products that you require and the number of concurrent use keys for each product on your license.
- This license is available for Windows, UNIX, Linux, and Macintosh.
- You install the software in a central location on your network, and any person at your institution with network access may run it.
- If the number of license-key denials reaches a rate that is unacceptable to your user base, you may order additional concurrent keys.

Advantages

- Enables central administration of licenses through FLEXnet
- Keeps all users at the same version
- Allows administrators to keep versions up to date
- Gives users access to a broad product set
- Simplifies administration for large groups of users
- Quantity discounts are available

Considerations

- Users are denied licenses when all keys are checked out.
- Users may find it difficult to get a key during peak usage hours.
- Users sometimes forget to log out, thereby tying up keys.
- Value depends on the usage patterns of organization.
- There is no provision for use on home, lab, or laptop computers.

Activation Types

Activation Type	Activation Limit	MathWorks Account Association	Redesignation Limit	Internet Connection
Network Concurrent User	One license server	Recommended	License server may be redesignated (reassigned) up to four times per year	Not needed for operation

Total Academic Headcount – Campus Option

Select the Total Academic Headcount (TAH) Campus option if your institution purchases and administers software centrally and would like to make MathWorks products available on-campus to the entire faculty, staff, researcher, and student population.

How It Works

- This is an annual (1 year) term license.
- This license may be purchased individually or together with the TAH-Student option.
- Select a product configuration:
 - The base configuration contains MATLAB, Simulink, and Symbolic Math Toolbox.
 - The standard configuration contains MATLAB, Simulink, Symbolic Math Toolbox, Bioinformatics Toolbox, Control System Toolbox, Curve Fitting Toolbox, Data Acquisition Toolbox, Signal Processing Blockset, Image Processing Toolbox, Instrument Control Toolbox, Optimization Toolbox, Signal Processing Toolbox, SimMechanics, Simscape, Stateflow, and Statistics Toolbox.
- Additional products may be added at any time during the term of the license.
- Select your activation type:
 - **Designated Computer.** With this activation type, the software may be installed and activated on one computer, such as a shared workstation in a lab, for nonsimultaneous use by multiple people.
 - **Network Concurrent User.** This activation type uses the FLEXnet license manager in Floating License mode. You install the software in a central location on your network, and any person at your institution with network access may run it. A single TAH-Campus license can have multiple license servers.

Advantages

- Provides institutionwide access on university-owned machines
- Permits classroom or lab installation
- Provides faculty, staff, and researchers with licenses for home and laptop use
- Streamlines administration
- Simplifies compliance and version control

Considerations

- Student use is restricted to on-campus computing facilities

Activation Types

Activation Type	Activation Limit	MathWorks Account Association	Redesignation Limit	Internet Connection
TAH – Designated Computer	Unlimited	Required	Unlimited	Not needed for operation; recommended for easy activation
TAH – Network Concurrent User	Unlimited	Required	Unlimited	Not needed for operation; recommended for easy activation

Total Academic Headcount – Student Option

Select Total Academic Headcount (TAH) Student option if your institution wants to provide your entire student population with access to MathWorks products on their personally owned machines.

How It Works

- This is an annual (1 year) term license.
- This license may be purchased individually or together with the TAH-Campus option.
- Select a product configuration:
 - The base configuration contains MATLAB, Simulink, and Symbolic Math Toolbox.
 - The standard configuration contains MATLAB, Simulink, Symbolic Math Toolbox, Bioinformatics Toolbox, Control System Toolbox, Curve Fitting Toolbox, Data Acquisition Toolbox, Signal Processing Blockset, Image Processing Toolbox, Instrument Control Toolbox, Optimization Toolbox, Signal Processing Toolbox, SimMechanics, Simscape, Stateflow, and Statistics Toolbox.
- Additional products may be added at any time during the term of the license.
- This option has one activation type: Standalone Named User. The student is the Named User on this license, and has the right to install the software on one or more computers as long as he or she is the only person to access and use the software on each computer.
 - Each student is allowed to activate on up to four computers.
 - Each student is required to create a MathWorks Account and associate it with the license.
 - Each student is required to provide his or her operating system user name. The Standalone Named User activation type locks the software to the user name and to the computer host ID. To use the software, the student must be logged into the computer as the specified user name.

Advantages

- Licenses all students for use on home or laptop computers
- Streamlines administration
- Simplifies compliance and version control

Considerations

- Does not provide access for faculty, staff, and researchers
- Does not provide access on university-owned machines to students

Activation Types

Activation Type	Activation Limit	MathWorks Account Association	Redesignation Limit	Internet Connection
TAH – Standalone Named User	Unlimited	Required	Unlimited	Not needed for operation; recommended for easy activation

MathWorks Software Maintenance Service

MathWorks Software Maintenance Service (SMS) provides a cost-effective way to receive product updates and bug fixes, get technical support, add new products to your license, and manage licenses online. The first year of service is included with new product licenses. You can continue uninterrupted service in subsequent years by renewing your MathWorks SMS subscription annually.

Access to New Features

Increase your effectiveness and efficiency by using new product features delivered in general releases twice each year.

Direct Technical Support

Resolve technical issues through telephone, e-mail, and Web assistance provided by specialized support engineers. Support staff resolves over 70% of all cases within eight business hours.

Online License Management

View license details, manage user permissions, activate software, get passcodes for previous releases, and obtain order status.

Ability to Add New Products

Extend your computing environment by adding products to your license at any time. A MathWorks SMS subscription gives you access to the latest release to ensure compatibility with new versions of MathWorks products.

Bug Fixes

Receive bug fixes twice a year in the regular release cycle. More than 90% of customer-reported bugs are fixed within a year.

Maintain Your Investment

Because MathWorks ensures compatibility among products in the same release, a subscription to SMS ensures that you have access to the latest release and can add products to your license. If your subscription lapses, you incur back SMS charges plus a reinstatement fee to receive the latest product versions. Staying subscribed is the most cost-effective way to get the latest advances and all the support you want.

Visit www.mathworks.com/sms for more information or an SMS quote.

Resources

Visit

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Technical Support

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Online User Community

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Demos

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Training Services

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Third-Party Products and Services

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