MATLAB Landing Page

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On this page:

Overview

MATLAB is the high-level language and interactive environment used by millions of engineers and scientists worldwide. It is used for machine learning, signal processing, image processing, computer vision, communications, computational finance, control design, robotics, and much more.

All faculty, staff, and students are eligible to download and install these products on their university computers as well as their personally-owned computers. It is also available on Athena workstations. Add-on products available with our MATLAB Faculty/Staff/Student license include:

- Simulink
- 5G Toolbox
- AUTOSAR Blockset
- Aerospace Blockset
- Aerospace Toolbox
- Antenna Toolbox
- Audio Toolbox
- Automated Driving Toolbox
- Bioinformatics Toolbox
- Bluetooth Toolbox
- C2000 Microcontroller Blockset
- Communications Toolbox
- Computer Vision Toolbox
- Control System Toolbox
- Curve Fitting Toolbox
- DDS Blockset
- DSP HDL Toolbox
- DSP System Toolbox
- Data Acquisition Toolbox
- Database Toolbox
- Datafeed Toolbox
- Deep Learning HDL Toolbox
- Deep Learning Toolbox
- Econometrics Toolbox
- Embedded Coder
- Filter Design HDL Coder
- Financial Instruments Toolbox
- Financial Toolbox
- Fixed-Point Designer
- Fuzzy Logic Toolbox
- GPU Coder
- Global Optimization Toolbox
- HDL Coder
- HDL Verifier
- Image Acquisition Toolbox
- Image Processing Toolbox
- Industrial Communication Toolbox
- Instrument Control Toolbox
- LTE Toolbox
- Lidar Toolbox
- MATLAB Coder
- MATLAB Compiler SDK

- MATLAB Compiler
- MATLAB Report Generator
- MATLAB Test
- Mapping Toolbox
- Medical Imaging Toolbox
- Mixed-Signal Blockset
- Model Predictive Control Toolbox
- Model-Based Calibration Toolbox
- Motor Control Blockset
- Navigation Toolbox
- Optimization Toolbox
- Parallel Computing Toolbox
- Partial Differential Equation Toolbox
- Phased Array System Toolbox
- Powertrain Blockset
- Predictive Maintenance Toolbox
- RF Blockset
- RF PCB Toolbox
- RF Toolbox
- ROS Toolbox
- Radar Toolbox
- Reinforcement Learning Toolbox
- Requirements Toolbox
- Risk Management Toolbox
- Robotics System Toolbox
- Robust Control Toolbox
- Satellite Communications Toolbox
- Sensor Fusion and Tracking Toolbox
- SerDes Toolbox
- Signal Integrity Toolbox
- Signal Processing Toolbox
- SimBiology
- SimEvents
- Simscape Battery
- Simscape Driveline
- Simscape Electrical
- Simscape Fluids
- Simscape Multibody
- Simscape
- Simulink 3D Animation
- Simulink Check
- Simulink Code Inspector
- Simulink Coder
- Simulink Compiler
- Simulink Control Design
- Simulink Coverage
- Simulink Design Optimization
- Simulink Design Verifier
- Simulink Desktop Real-Time
- Simulink PLC Coder
- Simulink Real-Time
- Simulink Report Generator
- Simulink Test
- SoC Blockset
- Spreadsheet Link
- Stateflow
- Statistics and Machine Learning Toolbox
- Symbolic Math Toolbox
- System Composer
- System Identification Toolbox
- Text Analytics Toolbox
- UAV Toolbox
- Vehicle Dynamics Blockset
- Vehicle Network Toolbox
- Vision HDL Toolbox
- WLAN Toolbox
- Wavelet Toolbox
- Wireless HDL Toolbox
- Wireless Testbench

Key Features

- Built-in graphics make it easy to visualize and gain insights from data.
- A vast library of prebuilt toolboxes lets you get started with algorithms essential to your domain.

- Scale up to clusters and clouds.
- MATLAB code can be integrated with other languages, enabling you to deploy algorithms and applications within web, enterprise, and production systems.

How to Obtain

Visit the MIT MATLAB Software Page for full information on licensing and acquiring the software through MIT.

⚠ Commercial use of MathWorks products is not covered by our Campus-Wide License, so if you are using a commercial license, please continue to do so.

Software Download for Windows, MacOS or UNIX

ⓘ Touchstone authentication is required to determine your eligibility as an MIT student, faculty or staff member. You still must register for a MATLAB account in order to access and manage MATLAB.

1. Visit the Massachusetts Institute of Technology Campus Portal to download the software.
2. Under the **Get MATLAB** section, click **Sign in** to get started.
3. You will be asked to create a MathWorks Account. Once you do that, you will be associated to our MATLAB license and will be able to:
   - Download and activate software on your personal computer
   - Start using MATLAB Online from a web browser

On Athena

MATLAB is available to all MIT Kerberos account holders via Athena.

- What Runs Where on Athena: MATLAB

How to Use

MATLAB's Onramp training modules are two-hour self-paced course to help new users come up to speed on the basics of using MATLAB and Simulink products.

- MATLAB Training Academy: Onramp Courses
- MATLAB Courseware - downloadable curriculum
- MATLAB Grader - develop assignments and auto-grade
- MATLAB Live Editor - teach with interactive documents
- MATLAB Training Academy - a rich suite of online training courses for all levels of MATLAB expertise from beginner to experts wanting to learn a new module or technique.

Troubleshooting and FAQ's

- Activate via the IS&T MATLAB License Server
- Renew Student MATLAB License
- An overview of MATLAB plotting
- Can I use MIT MATLAB without a network connection?
- Does MATLAB run on intel-based Macintosh systems?
- How can I find my MATLAB license number?
- How many computers may I install MIT MATLAB on?
- How to renew your license if you do not have access to the MIT MATLAB Portal
- MATLAB compiler issues on Ubuntu lucid and later releases
- Matlab freezing after Java update in OS X
- MATLAB Online & all cloud based tools for remote use
- Matlab Software for OpenCourseWare
- OS X MATLAB install error
- Should I download the 32-bit or 64-bit version of MATLAB?
- Updating MATLAB version
- What are the system requirements for MIT MATLAB?
- What if I need an older version of Matlab?
- What is the MATLABPATH variable and how do I change it?
- When does my MATLAB license expire?
- Who is eligible to download MIT MATLAB?

Have Questions or Still Need Help?

⚠️ IS&T and MATLAB can not assist you with your problem sets or research, only issues related to licensing, installing and running the software.

- For licensing questions, contact the Software Distribution Team at software-distribution@mit.edu.
- For technical questions, contact Mathworks:
    - via the MIT MATLAB protal: Visit the Massachusetts Institute of Technology Campus Portal and click **Need Installation Help** or
    - via their contact information: Mathworks support website, Phone: (508) 647-7000, M-F, 8:30 AM-8:00 PM

ℹ️ Additional escalation information for Help Staff can be found here:

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