

## System Requirements & Platform Availability by Product for R2020a

View general [system requirements](#).

Product	System Requirements	Platform Notes
5G Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Communications Toolbox</li> <li>- Requires DSP System Toolbox</li> <li>- Requires Signal Processing Toolbox</li> </ul>	
Aerospace Blockset	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink</li> <li>- Requires Aerospace Toolbox</li> <li>- Control System Toolbox recommended</li> <li>- Simulink Control Design recommended</li> </ul>	
Aerospace Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> </ul>	
Antenna Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- RF Toolbox recommended</li> <li>- Phased Array System Toolbox recommended</li> </ul>	
Audio Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires DSP System Toolbox</li> <li>- Requires Signal Processing Toolbox</li> <li>- Simulink recommended</li> <li>- Simulink Coder recommended</li> <li>- MATLAB Coder recommended</li> <li>- Simulink Real-Time recommended</li> <li>- Simulink required to use block library</li> <li>- VST plugin generation only supported on Windows and Mac</li> <li>- VST plugin hosting only supported on Windows and Mac</li> <li>- AU plugin hosting only supported on Mac</li> <li>- JUCE plugin project generation requires MATLAB Coder</li> <li>- JUCE plugin project generation only supported on Windows and Mac</li> </ul>	
Automated Driving Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Computer Vision Toolbox</li> <li>- Requires Image Processing Toolbox</li> <li>- Simulink recommended</li> <li>- Sensor Fusion and Tracking Toolbox recommended</li> <li>- The <code>vehicleDetectorFasterRCNN</code> class requires Deep Learning Toolbox.</li> <li>- Parallel Computing Toolbox is required for functions that support GPU computing: <code>vehicleDetectorFasterRCNN</code>, <code>fastRCNNObjectDetectorMonoCamera</code>, and <code>fasterRCNNObjectDetectorMonoCamera</code>.</li> </ul>	Unreal Engine-based simulation and visualization only runs in Windows.

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AUTOSAR Blockset	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink</li> <li>- Requires Embedded Coder to generate AUTOSAR code and export ARXML files</li> <li>- Requires System Composer to create AUTOSAR Architecture models</li> </ul>	
Bioinformatics Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Statistics and Machine Learning Toolbox</li> <li>- On Red Hat Enterprise Linux 6.x and SUSE Linux Enterprise Desktop 11.x, use LIBZ version 1.2.3.3 or higher</li> </ul>	
Communications Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Signal Processing Toolbox</li> <li>- Requires DSP System Toolbox</li> <li>- Fixed-Point Designer recommended</li> <li>- Simulink Coder recommended</li> <li>- Simulink recommended</li> <li>- RF Toolbox recommended</li> <li>- RF Blockset recommended</li> <li>- Parallel Computing Toolbox recommended</li> <li>- MATLAB Coder recommended</li> </ul>	
Computer Vision Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Image Processing Toolbox</li> <li>- Simulink recommended and required to use block library</li> <li>- Image Acquisition Toolbox recommended</li> <li>- MATLAB Coder recommended</li> <li>- Statistics and Machine Learning Toolbox recommended</li> <li>- Parallel Computing Toolbox recommended</li> <li>- Deep Learning Toolbox recommended</li> <li>- Deep learning functionality requires Deep Learning Toolbox. Parallel Computing Toolbox is required for GPU support. These capabilities include training frameworks and layers for <i>object detection</i> and <i>semantic segmentation</i>.</li> <li>- The <code>trainRCNNObjectDetector</code> function and <code>rcnnObjectDetector</code> class requires Deep Learning Toolbox and Statistics and Machine Learning Toolbox. Parallel Computing Toolbox is required for GPU support.</li> <li>- The <code>trainImageCategoryClassifier</code> function and <code>imageCategoryClassifier</code> class require Statistics and Machine Learning Toolbox.</li> </ul>	
Control System Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> </ul>	
Curve Fitting Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Statistics and Machine Learning Toolbox recommended</li> </ul>	

Product	System Requirements	Platform Notes
Data Acquisition Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires a supported data acquisition hardware device and its associated driver software</li> <li>- Signal Processing Toolbox recommended</li> </ul>	Windows only
Database Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Your system must have access to an installed database.</li> <li>- Database Toolbox supports exchanging data from the following NoSQL databases:               <ul style="list-style-type: none"> <li>- Cassandra</li> <li>- MongoDB</li> <li>- Neo4j</li> </ul> </li> <li>- Database Toolbox supports importing and exporting data from any ODBC- and JDBC-compliant database management system, including:               <ul style="list-style-type: none"> <li>- SQLite</li> <li>- IBM DB2</li> <li>- IBM Informix</li> <li>- Ingres</li> <li>- Microsoft Access</li> <li>- Microsoft Excel</li> <li>- Microsoft SQL Server</li> <li>- MySQL</li> <li>- Oracle</li> <li>- PostgreSQL</li> <li>- Sybase SQL Server</li> <li>- Sybase SQL Anywhere</li> </ul> </li> <li>- Database Toolbox requires a database driver. You typically install a driver when you install a database. For instructions about how to install a database driver, consult your database administrator.</li> <li>- On Windows platforms, Database Toolbox supports Open Database Connectivity (ODBC) drivers and Java Database Connectivity (JDBC) drivers. On UNIX platforms, Database Toolbox supports JDBC drivers. <i><a href="#">See product documentation for more details.</a></i></li> <li>- Database Toolbox supports American National Standards Institute (ANSI) standard SQL commands.</li> </ul>	
Datafeed Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Datafeeds available only on Windows from:               <ul style="list-style-type: none"> <li>- Bloomberg</li> <li>- Haver Analytics</li> <li>- IQFeed</li> </ul> </li> </ul>	

Product	System Requirements	Platform Notes
Deep Learning Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Parallel Computing Toolbox recommended and is required for GPU support</li> <li>- Image Processing Toolbox recommended</li> <li>- Computer Vision Toolbox recommended</li> <li>- GPU Coder recommended</li> <li>- MATLAB Coder recommended</li> <li>- Simulink recommended</li> <li>- Reinforcement Learning Toolbox recommended</li> </ul>	
DO Qualification Kit	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink Report Generator (to execute tests for all tool qualifications, except Polyspace products)</li> <li>- Polyspace kit support is not available on Mac.</li> </ul>	
DSP System Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Signal Processing Toolbox</li> <li>- Simulink recommended</li> <li>- Fixed-Point Designer recommended</li> <li>- Communications Toolbox recommended</li> <li>- Simulink Coder recommended</li> <li>- MATLAB Coder recommended</li> <li>- Simulink required to use block library</li> </ul>	
Econometrics Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Statistics and Machine Learning Toolbox</li> <li>- Requires Optimization Toolbox</li> </ul>	
Embedded Coder	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires MATLAB Coder</li> <li>- Requires Simulink for generating code from Simulink</li> <li>- Requires Simulink Coder for generating code from Simulink</li> <li>- Requires Fixed-Point Designer for generating fixed-point code</li> <li>- Requires host platform C compiler.</li> <li>- Requires cross-compiler for the target processor if the code will execute on a platform different from the host.</li> <li>- Simulink Coder recommended</li> </ul>	
Filter Design HDL Coder	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Signal Processing Toolbox</li> <li>- Requires Fixed-Point Designer</li> <li>- Requires DSP System Toolbox</li> <li>- HDL Coder recommended</li> <li>- HDL Verifier recommended</li> </ul>	

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Financial Instruments Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Financial Toolbox</li> <li>- Requires Statistics and Machine Learning Toolbox</li> <li>- Requires Optimization Toolbox</li> <li>- The <code>fitsmoothingspline</code> function requires Curve Fitting Toolbox</li> <li>- Econometrics Toolbox recommended</li> <li>- Datafeed Toolbox recommended</li> <li>- Curve Fitting Toolbox recommended</li> <li>- Global Optimization Toolbox recommended</li> <li>- Database Toolbox recommended</li> </ul>	
Financial Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Statistics and Machine Learning Toolbox</li> <li>- Requires Optimization Toolbox</li> </ul>	
Fixed-Point Designer	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink for fixed-point design in Simulink</li> <li>- Parallel Computing Toolbox recommended</li> </ul>	
Fuzzy Logic Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink for using toolbox blocks</li> </ul>	
Global Optimization Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Optimization Toolbox</li> <li>- Parallel Computing Toolbox recommended</li> </ul>	
GPU Coder	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires MATLAB Coder</li> <li>- Requires Parallel Computing Toolbox</li> <li>- Requires Embedded Coder for bidirectional traceability and SIL/PIL</li> <li>- Requires Deep Learning Toolbox to generate code from deep learning networks</li> <li>- Requires host platform C compiler.</li> <li>- <a href="#">See list of supported host compilers.</a></li> <li>- For GPU computing, <a href="#">see additional system requirements</a></li> <li>- For executing deep learning examples, <a href="#">see additional system requirements</a></li> </ul>	Windows and Linux only
HDL Coder	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Fixed-Point Designer</li> <li>- Requires MATLAB Coder</li> <li>- Simulink recommended</li> <li>- Signal Processing Toolbox recommended</li> <li>- DSP System Toolbox recommended</li> <li>- HDL Verifier recommended</li> </ul>	
HDL Verifier	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Simulink recommended</li> <li>- MATLAB Coder required for generating SystemVerilog DPI components</li> <li>- Simulink Coder required for generating SystemVerilog DPI or UVM components and transaction-level models (TLMs) from Simulink</li> <li>- Fixed-Point Designer required for cosimulation and FPGA-in-the-loop</li> </ul>	Windows and Linux only

Product	System Requirements	Platform Notes
IEC Certification Kit	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink Report Generator (to execute tests for tool qualifications except Embedded Coder and Polyspace products)</li> <li>- Polyspace kit support is not available on Mac.</li> </ul>	
Image Acquisition Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Image Processing Toolbox</li> <li>- Computer Vision Toolbox recommended</li> </ul>	
Image Processing Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Signal Processing Toolbox recommended</li> <li>- Statistics and Machine Learning Toolbox recommended</li> <li>- Computer Vision Toolbox recommended</li> <li>- Wavelet Toolbox recommended</li> <li>- Image Acquisition Toolbox recommended</li> <li>- Mapping Toolbox recommended</li> <li>- Image processing on GPU requires Parallel Computing Toolbox. A list of support functions is available <a href="#">on this page</a>.</li> <li>- Deep learning functionality requires Deep Learning Toolbox. Parallel Computing Toolbox is required for GPU support. Deep learning capabilities for image processing are described <a href="#">on this page</a>.</li> </ul>	
Instrument Control Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- For VISA and GPIB support, availability and installation of third-party platform-specific GPIB and VISA libraries are required</li> </ul>	
LTE Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Signal Processing Toolbox</li> <li>- Requires DSP System Toolbox</li> <li>- Requires Communications Toolbox</li> <li>- Instrument Control Toolbox recommended</li> <li>- Parallel Computing Toolbox recommended</li> <li>- HDL Coder recommended</li> <li>- RF Blockset recommended</li> </ul>	
Mapping Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Statistics and Machine Learning Toolbox recommended</li> <li>- Image Processing Toolbox recommended</li> </ul>	
MATLAB	<ul style="list-style-type: none"> <li>- <b>Prerequisite for all other products</b></li> </ul>	
MATLAB Coder	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Embedded Coder for processor-specific optimizations, bidirectional traceability, SIL/PIL, and advanced customizations</li> <li>- Requires Fixed-Point Designer for generating fixed-point code</li> <li>- Simulink Coder recommended</li> <li>- Requires host platform C compiler; <a href="#">see list of supported host compilers</a></li> <li>- Requires cross-compiler for the target processor if the code will execute on a platform different from the host</li> <li>- For executing deep learning networks, see <a href="#">additional system requirements</a></li> </ul>	

Product	System Requirements	Platform Notes
MATLAB Compiler	- Requires MATLAB	
MATLAB Compiler SDK	- Requires MATLAB - Requires MATLAB Compiler - Creating libraries and components that will be integrated with other programming languages requires a compiler for those languages	
MATLAB Online Server	- Usage of MATLAB Online checks out a MATLAB license. - See <a href="#">additional system requirements</a>	Linux Only
MATLAB Parallel Server		
MATLAB Production Server	- Does not require MATLAB or Simulink	
MATLAB Report Generator	- Requires MATLAB	
MATLAB Web App Server	- Does not require MATLAB or Simulink	
Mixed-Signal Blockset	- Requires MATLAB - Requires Simulink - Requires DSP System Toolbox - Requires Signal Processing Toolbox - Control System Toolbox recommended	
Model Predictive Control Toolbox	- Requires MATLAB - Requires Control System Toolbox - Requires Simulink for using toolbox blocks - Simulink Control Design recommended - Optimization Toolbox recommended for nonlinear MPC	
Model-Based Calibration Toolbox	- Requires MATLAB - Requires Simulink - Requires Optimization Toolbox - Requires Statistics and Machine Learning Toolbox - Requires Symbolic Math Toolbox - Deep Learning Toolbox recommended - Parallel Computing Toolbox recommended - Global Optimization Toolbox recommended	Windows only
Motor Control Blockset	- Requires MATLAB - Requires Simulink - Requires Simulink Control Design for Field Oriented Control Autotuner block - Embedded Coder Recommended - Fixed-Point Designer Recommended - Simscape Electrical Recommended	Code generation for the examples that rely on Embedded Coder Support Package for Texas Instruments C2000 Processors is available for Windows only.

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Navigation Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires ROS Toolbox for SLAM Map Builder App</li> <li>- Robotics System Toolbox recommended</li> <li>- MATLAB Coder recommended</li> <li>- Simulink recommended</li> <li>- Computer Vision Toolbox recommended</li> <li>- Sensor Fusion and Tracking Toolbox recommended</li> </ul>	
OPC Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> </ul>	Windows only
Optimization Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Parallel Computing Toolbox recommended</li> </ul>	
Parallel Computing Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- General resource requirements for parallel computing:               <ul style="list-style-type: none"> <li>- Maximum of 1 MATLAB worker per physical CPU core is recommended.</li> <li>- Minimum of 2GB RAM per MATLAB worker is recommended. If you are using Simulink, 4GB RAM per worker is recommended.</li> </ul> </li> <li>- Requirements for supporting the local scheduler               <ul style="list-style-type: none"> <li>- Minimum of 5 GB of disk space is recommended to accommodate temporary data directories.</li> </ul> </li> <li>- Requirements for GPU Computing               <ul style="list-style-type: none"> <li>- CUDA-enabled NVIDIA GPUs with compute capability 3.0 or higher. For releases 17b and earlier, compute capability 2.0 is sufficient for all features except for use of deep learning. (<a href="#">GPU Support by Release</a>) (<a href="#">Is my GPU supported?</a>)</li> <li>- Latest graphics driver (<a href="#">Get the latest driver.</a>)</li> </ul> </li> <li>- Requirements for scaling across multiple computers in a cluster or cloud               <ul style="list-style-type: none"> <li>- MATLAB Parallel Server extends the constructs of parallel computing to clusters and clouds</li> </ul> </li> </ul>	
Partial Differential Equation Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> </ul>	
Phased Array System Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires DSP System Toolbox</li> <li>- Requires Signal Processing Toolbox</li> <li>- Simulink recommended</li> <li>- MATLAB Coder recommended</li> <li>- Simulink Coder recommended</li> </ul>	
Polyspace Bug Finder	<ul style="list-style-type: none"> <li>- Does not require MATLAB or Simulink</li> <li>- Polyspace Code Prover recommended</li> </ul>	
Polyspace Bug Finder Access	<ul style="list-style-type: none"> <li>- Does not require MATLAB or Simulink</li> <li>- <a href="#">See additional system requirements</a></li> </ul>	Windows and Linux only



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Polyspace Bug Finder Server	- Does not require MATLAB or Simulink	
Polyspace Client for Ada	- Polyspace Server for Ada required - Does not require MATLAB or Simulink	Windows and Linux only
Polyspace Code Prover	- Does not require MATLAB or Simulink - Requires Polyspace Bug Finder - A minimum of 4 physical cores with 4 GB per core is recommended	
Polyspace Code Prover Access	- Does not require MATLAB or Simulink - Requires Polyspace Bug Finder Access - <a href="#">See additional system requirements</a>	Windows and Linux only
Polyspace Code Prover Server	- Does not require MATLAB or Simulink - Requires Polyspace Bug Finder Server - A minimum of 4 physical cores with 4 GB per core is recommended	
Polyspace Server for Ada	- Polyspace Client for Ada recommended - Does not require MATLAB or Simulink	Windows and Linux only
Powertrain Blockset	- Requires MATLAB - Requires Simulink - Stateflow recommended - Simscape recommended - Model-Based Calibration Toolbox recommended	
Predictive Maintenance Toolbox	- Requires MATLAB - Requires Signal Processing Toolbox - Requires Statistics and Machine Learning Toolbox - Requires System Identification Toolbox - Text Analytics Toolbox recommended - Simulink recommended - Deep Learning Toolbox recommended	
Reinforcement Learning Toolbox	- Requires MATLAB - Requires Deep Learning Toolbox - Requires Simulink for using toolbox blocks - Parallel Computing Toolbox recommended and is required for GPU support and parallelizing simulations - Control System Toolbox recommended	
RF Blockset	- Requires MATLAB - Requires Simulink - Requires RF Toolbox - Antenna Toolbox recommended - Communications Toolbox recommended - DSP System Toolbox recommended	
RF Toolbox	- Requires MATLAB - Communications Toolbox recommended - RF Blockset recommended	

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Risk Management Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Financial Toolbox</li> <li>- Requires Statistics and Machine Learning Toolbox</li> <li>- Requires Optimization Toolbox</li> <li>- Financial Instruments Toolbox recommended</li> <li>- Econometrics Toolbox recommended</li> <li>- Datafeed Toolbox recommended</li> <li>- Global Optimization Toolbox recommended</li> <li>- Database Toolbox recommended</li> </ul>	
Robotics System Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Simulink recommended</li> <li>- Navigation Toolbox recommended</li> <li>- ROS Toolbox recommended</li> <li>- MATLAB Coder recommended</li> <li>- Simulink Coder recommended</li> <li>- Computer Vision Toolbox recommended</li> <li>- Simscape Multibody recommended</li> <li>- Stateflow recommended</li> </ul>	
Robust Control Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Control System Toolbox</li> <li>- Requires Simulink for using toolbox blocks</li> <li>- Simulink Control Design recommended</li> </ul>	
ROS Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Simulink recommended</li> <li>- Robotics System Toolbox recommended</li> <li>- Navigation Toolbox recommended</li> <li>- Simulink Coder recommended</li> <li>- Stateflow recommended</li> </ul>	
Sensor Fusion and Tracking Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- MATLAB Coder recommended</li> <li>- Phased Array System Toolbox recommended</li> <li>- DSP System Toolbox recommended</li> <li>- Computer Vision Toolbox recommended</li> </ul>	
SerDes Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires DSP System Toolbox</li> <li>- Requires Signal Processing Toolbox</li> <li>- Simulink required for IBIS-AMI model generation</li> <li>- RF Toolbox recommended</li> </ul>	
Signal Processing Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- DSP System Toolbox recommended</li> </ul>	
SimBiology	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Global Optimization Toolbox recommended</li> <li>- Optimization Toolbox recommended</li> <li>- Parallel Computing Toolbox recommended</li> <li>- Statistics and Machine Learning Toolbox recommended</li> <li>- sbionca requires Statistics and Machine Learning Toolbox</li> </ul>	

Product	System Requirements	Platform Notes
SimEvents	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink</li> <li>- Stateflow recommended</li> <li>- Statistics and Machine Learning Toolbox recommended</li> </ul>	
Simscape	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink</li> </ul>	
Simscape Driveline	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink</li> <li>- Requires Simscape</li> </ul>	
Simscape Electrical	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink</li> <li>- Requires Simscape</li> <li>- Simscape Multibody recommended</li> </ul>	
Simscape Fluids	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink</li> <li>- Requires Simscape</li> </ul>	
Simscape Multibody	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink</li> <li>- Requires Simscape</li> </ul>	
Simulink	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Fixed-Point Designer for simulating fixed-point data types</li> <li>- Some features require the use of a C Compiler.</li> </ul>	
Simulink 3D Animation	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Simulink recommended</li> <li>- Simulink is required if using the blockset portion of the product</li> </ul>	
Simulink Check	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink</li> </ul>	
Simulink Code Inspector	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink</li> <li>- Requires host platform C compiler supported by MATLAB (for <code>loadlibrary</code> usage).</li> </ul>	Windows and Linux only
Simulink Coder	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink</li> <li>- Requires MATLAB Coder</li> <li>- Embedded Coder recommended</li> <li>- Simulink Real-Time recommended</li> <li>- Requires Fixed-Point Designer for generating fixed-point code</li> <li>- Requires host platform C compiler.</li> <li>- Requires cross-compiler for the target processor if the code will execute on a platform different from the host.</li> </ul>	
Simulink Compiler	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink</li> <li>- Requires MATLAB Compiler</li> </ul>	

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Simulink Control Design	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink</li> <li>- Requires Control System Toolbox</li> <li>- Simulink Design Optimization recommended</li> </ul>	
Simulink Coverage	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink</li> <li>- Simulink Test recommended</li> <li>- Simulink Design Verifier recommended</li> <li>- Embedded Coder recommended</li> </ul>	
Simulink Design Optimization	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink</li> <li>- Requires Optimization Toolbox</li> <li>- Global Optimization Toolbox recommended</li> <li>- Parallel Computing Toolbox recommended</li> <li>- Simulink Control Design recommended</li> <li>- Control System Toolbox recommended</li> <li>- Statistics and Machine Learning Toolbox recommended</li> </ul>	
Simulink Design Verifier	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink</li> <li>- Requires Simulink Check</li> <li>- Requires Simulink Coverage</li> <li>- Simulink Test recommended</li> </ul>	
Simulink Desktop Real-Time	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink</li> <li>- Simulink Coder recommended</li> <li>- MATLAB Coder recommended</li> </ul>	Windows and Mac only
Simulink PLC Coder	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink</li> </ul>	Windows only
Simulink Real-Time	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink</li> <li>- Requires Simulink Coder</li> <li>- Requires MATLAB Coder</li> <li>- Stateflow recommended</li> <li>- Requires a compiler (<a href="#">See supported compiler versions.</a>)</li> </ul>	Windows only
Simulink Report Generator	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink</li> <li>- Requires MATLAB Report Generator</li> </ul>	
Simulink Requirements	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink</li> <li>- Simulink Test recommended</li> </ul>	
Simulink Test	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink</li> <li>- Simulink Coverage required for measuring model or code coverage</li> <li>- Simulink Design Verifier required for adding missing coverage</li> </ul>	

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SoC Blockset	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink</li> <li>- Requires Simulink Coder and Embedded Coder for generating embedded C code</li> <li>- Requires HDL Coder for generating HDL code</li> </ul>	Windows and Linux only
Spreadsheet Link	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Available on 32 bit Windows and 64 bit Windows only</li> <li>- Requires one of the following versions of Excel: Excel 2007   Excel 2010   Excel 2013 or later</li> </ul>	Windows only
Stateflow	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Simulink recommended</li> <li>- Requires C Compiler when used in non-Windows or 64-bit environments. <a href="#">See the list of supported compilers.</a></li> </ul>	
Statistics and Machine Learning Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> </ul>	
Symbolic Math Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> </ul>	
System Composer	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink</li> </ul>	
System Identification Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink for using toolbox blocks</li> <li>- Signal Processing Toolbox recommended</li> <li>- Control System Toolbox recommended</li> </ul>	
Text Analytics Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Statistics and Machine Learning Toolbox</li> <li>- Parallel Computing Toolbox recommended</li> <li>- Deep Learning Toolbox recommended</li> </ul>	
Trading Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Financial Toolbox recommended</li> <li>- Financial Instruments Toolbox recommended</li> <li>- Econometrics Toolbox recommended</li> <li>- Datafeed Toolbox recommended</li> <li>- Optimization Toolbox recommended</li> <li>- Windows only support: <ul style="list-style-type: none"> <li>- X_TRADER®</li> <li>- CQG®</li> <li>- Bloomberg EMSX</li> <li>- Interactive Brokers®</li> <li>- Wind Data Feed Services</li> </ul> </li> </ul>	
Vehicle Dynamics Blockset	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink</li> <li>- Model-Based Calibration Toolbox recommended</li> <li>- Powertrain Blockset recommended</li> <li>- Stateflow recommended</li> </ul>	Unreal Engine visualization only runs in Windows.

Product	System Requirements	Platform Notes
Vehicle Network Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Simulink recommended</li> <li>- On Linux® platform, support is limited to encoding and decoding CAN and CAN FD messages using MathWorks virtual channels. Hardware support on Linux is only available for PEAK-System CAN interface hardware.</li> </ul>	Windows and Linux only
Vision HDL Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- HDL Coder recommended</li> <li>- Image Processing Toolbox recommended</li> <li>- Fixed-Point Designer recommended</li> <li>- Computer Vision Toolbox recommended</li> <li>- HDL Verifier recommended</li> <li>- Simulink recommended</li> </ul>	Windows and Linux only
Wavelet Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Signal Processing Toolbox recommended</li> <li>- Image Processing Toolbox recommended</li> <li>- Statistics and Machine Learning Toolbox recommended</li> </ul>	
Wireless HDL Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Simulink</li> <li>- Requires Communications Toolbox</li> <li>- Requires Signal Processing Toolbox</li> <li>- Requires DSP System Toolbox</li> <li>- Requires Fixed-Point Designer</li> <li>- 5G Toolbox recommended</li> <li>- LTE Toolbox recommended</li> <li>- HDL Coder recommended</li> <li>- HDL Verifier recommended</li> </ul>	
WLAN Toolbox	<ul style="list-style-type: none"> <li>- Requires MATLAB</li> <li>- Requires Signal Processing Toolbox</li> <li>- Requires DSP System Toolbox</li> <li>- Requires Communications Toolbox</li> <li>- Instrument Control Toolbox recommended</li> <li>- Parallel Computing Toolbox recommended</li> <li>- LTE Toolbox recommended</li> <li>- HDL Coder recommended</li> <li>- RF Blockset recommended</li> <li>- MATLAB Coder recommended</li> </ul>	