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System Requirements & Platform Availability by Product for R2016a

Product	System Requirements	Windows (64 bit)	Mac (64 bit)	Linux (64 bit)
Aerospace Blockset	Requires MATLAB Requires Simulink Requires Aerospace Toolbox Control System Toolbox recommended	✔	✔	✔
Aerospace Toolbox	Requires MATLAB	✔	✔	✔
Antenna Toolbox	Requires MATLAB RF Toolbox recommended Phased Array System Toolbox recommended	✔	✔	✔
Audio System Toolbox	Requires MATLAB Requires DSP System Toolbox Requires Signal Processing Toolbox Simulink recommended Simulink Coder recommended MATLAB Coder recommended Simulink RealTime recommended Simulink required to use block library	✔	✔	✔
Bioinformatics Toolbox	Requires MATLAB Requires Statistics and Machine Learning Toolbox On Red Hat Enterprise Linux 6.x and SUSE Linux Enterprise Desktop 11.x, use LIBZ version 1.2.3.3 or higher	✔	✔	✔
Communications System Toolbox	Requires MATLAB Requires Signal Processing Toolbox Requires DSP System Toolbox Fixed-Point Designer recommended Simulink Coder recommended Simulink recommended RF Toolbox recommended SimRF recommended Parallel Computing Toolbox recommended MATLAB Coder recommended	✔	✔	✔

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Computer Vision System Toolbox	Requires MATLAB Requires Image Processing Toolbox Signal Processing Toolbox recommended Simulink recommended DSP System Toolbox recommended Fixed-Point Designer recommended Image Acquisition Toolbox recommended Simulink Coder recommended MATLAB Coder recommended Simulink required to use block library Statistics and Machine Learning Toolbox recommended The `trainImageCategoryClassifier` function and `imageCategoryClassifier` class require Statistics and Machine Learning Toolbox.		✓	✓	✓
Control System Toolbox	Requires MATLAB		✓	✓	✓
Curve Fitting Toolbox	Requires MATLAB		✓	✓	✓
Data Acquisition Toolbox	Requires MATLAB. Windows 64 bit functionality is limited to supported National Instruments, Digilent Analog Discovery, and sound card devices only. All other supported devices require Windows 32 bit. Requires a supported data acquisition hardware device and its associated driver software.		✓		
Database Toolbox	Requires MATLAB. Your system must have access to an installed database. Database Toolbox supports importing and exporting data from any ODBC and JDBC compliant database management system, including: IBM DB2 IBM Informix Ingres Microsoft Access Microsoft Excel Microsoft SQL Server MySQL Oracle PostgreSQL Sybase SQL Server Sybase SQL Anywhere	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. 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. See product documentation for more details. Database Toolbox supports American National Standards Institute (ANSI) standard SQL commands.	✓	✓	✓

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Datafeed Toolbox	Requires MATLAB. Datafeeds available only on Windows from: Bloomberg Haver Analytics IQFeed	✓	✓	✓
DO Qualification Kit	Requires MATLAB Requires Simulink Report Generator (to execute tests for Simulink Verification and Validation tool qualification)	✓	✓	✓
DSP System Toolbox	Requires MATLAB Requires Signal Processing Toolbox Simulink recommended Fixed-Point Designer recommended Communications System Toolbox recommended Simulink Coder recommended MATLAB Coder recommended Simulink required to use block library	✓	✓	✓
Econometrics Toolbox	Requires MATLAB Requires Statistics and Machine Learning Toolbox Requires Optimization Toolbox	✓	✓	✓
Embedded Coder	Requires MATLAB Requires MATLAB Coder Requires Simulink for generating code from Simulink Requires Simulink Coder for generating code from Simulink Requires Fixed-Point Designer for generating fixed-point code Requires host platform C compiler. See list of supported host compilers. Requires crosscompiler for the target processor if the code will execute on a platform different from the host.	✓	✓	✓
Filter Design HDL Coder	Requires MATLAB Requires Signal Processing Toolbox Requires Fixed-Point Designer Requires DSP System Toolbox HDL Coder recommended HDL Verifier recommended	✓	✓	✓
Financial Toolbox	Requires MATLAB Requires Statistics and Machine Learning Toolbox Requires Optimization Toolbox	✓	✓	✓
Financial Instruments Toolbox	Requires MATLAB Requires Financial Toolbox Requires Statistics and Machine Learning Toolbox Requires Optimization Toolbox The `fitSmoothingSpline` function requires Curve Fitting Toolbox	✓	✓	✓

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Fixed-Point Designer	Requires MATLAB Requires Simulink for fixed-point design in Simulink	✔	✔	✔
Fuzzy Logic Toolbox	Requires MATLAB Requires Simulink for using toolbox blocks	✔	✔	✔
Global Optimization Toolbox	Requires MATLAB Requires Optimization Toolbox	✔	✔	✔
HDL Coder	Requires MATLAB Requires Fixed-Point Designer Requires MATLAB Coder Simulink recommended Signal Processing Toolbox recommended Stateflow recommended DSP System Toolbox recommended Filter Design HDL Coder recommended HDL Verifier recommended Communications System Toolbox recommended	✔	✔	✔
HDL Verifier	Requires MATLAB Simulink recommended Fixed-Point Designer required for cosimulation and FPGA-in-the-loop MATLAB Coder required for DPI component generation Simulink Coder required for DPI component and TLM generation from Simulink	✔		✔
IEC Certification Kit	Requires MATLAB Requires Simulink Report Generator (to execute tests for Simulink Verification and Validation tool qualification)	✔	✔	✔
Image Acquisition Toolbox	Requires MATLAB Requires Image Processing Toolbox	✔	✔	✔
Image Processing Toolbox	Requires MATLAB Signal Processing Toolbox recommended	✔	✔	✔
Instrument Control Toolbox	Requires MATLAB For VISA and GPIB support, availability and installation of thirdparty platform specific GPIB and VISA libraries are required	✔	✔	✔
LTE System Toolbox	Requires MATLAB Requires Signal Processing Toolbox Requires DSP System Toolbox Requires Communications System Toolbox Instrument Control Toolbox recommended Parallel Computing Toolbox recommended	✔	✔	✔

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Mapping Toolbox	Requires MATLAB	✔	✔	✔
MATLAB	**Prerequisite for all other products**	✔	✔	✔
MATLAB Coder	Requires MATLAB Simulink Coder recommended Embedded Coder recommended Requires Fixed-Point Designer for generating fixed-point code Requires host platform C compiler. See list of supported host compilers. Requires cross compiler for the target processor if the code will execute on a platform different from the host	✔	✔	✔
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. See list of supported compilers.	✔	✔	✔
MATLAB Distributed Computing Server	Requires Parallel Computing Toolbox on user desktop. MATLAB Distributed Computing Server is installed on cluster computers. See additional system requirements.		✔	✔
MATLAB Production Server	Does not require MATLAB or Simulink. See additional system requirements.	✔	✔	✔
MATLAB Report Generator	Requires MATLAB	✔	✔	✔
Model Predictive Control Toolbox	Requires MATLAB Requires Control System Toolbox Requires Simulink for using toolbox blocks Simulink Coder recommended	✔	✔	✔
Model-Based Calibration Toolbox	Requires MATLAB Requires Simulink Requires Optimization Toolbox Requires Statistics and Machine Learning Toolbox Requires Symbolic Math Toolbox Neural Network Toolbox recommended Parallel Computing Toolbox recommended Global Optimization Toolbox recommended	✔		

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Neural Network Toolbox	Requires MATLAB Simulink recommended Parallel Computing Toolbox recommended	✓	✓	✓
OPC Toolbox	Requires MATLAB	✓		
Optimization Toolbox	Requires MATLAB	✓	✓	✓
Parallel Computing Toolbox	Requires MATLAB MATLAB Distributed Computing Server is required for running computations on remote machines. Requirements for Parallel computing on the desktop (using local workers available with Parallel Computing Toolbox): Maximum of 1 MATLAB worker per CPU core is recommended. Minimum of 1 GB RAM per MATLAB worker is recommended while running workers locally on the desktop. A worker consumes memory equivalent to a MATLAB session running without the MATLAB desktop. Minimum of 5 GB of disk space is recommended to accommodate temporary data directories. Requirements for GPU computing: CUDA enabled NVIDIA GPU with compute capability 2.0 or higher. For releases 14a and earlier, compute capability 1.3 is sufficient. Is my GPU supported? Latest CUDA driver. (Get the latest driver.)	✓	✓	✓
Partial Differential Equation Toolbox	Requires MATLAB	✓	✓	✓
Phased Array System Toolbox	Requires MATLAB Requires DSP System Toolbox Requires Signal Processing Toolbox Simulink recommended	✓	✓	✓
Polyspace Bug Finder	Requires MATLAB Polyspace Code Prover recommended	✓	✓	✓
Polyspace Client for Ada	Polyspace Server for Ada recommended Does not require MATLAB or Simulink	✓		✓
Polyspace Code Prover	Requires MATLAB Requires Polyspace Bug Finder	✓	✓	✓
Polyspace Server for Ada	Polyspace Client for Ada recommended Does not require MATLAB or Simulink	✓		✓

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RF Toolbox	Requires MATLAB Communications System Toolbox recommended	✔	✔	✔
Robotics System Toolbox	Requires MATLAB Image Processing Toolbox recommended Embedded Coder recommended Computer Vision System Toolbox recommended SimMechanics recommended Stateflow recommended Simulink recommended	✔	✔	✔
Robust Control Toolbox	Requires MATLAB Requires Control System Toolbox Requires Simulink for using toolbox blocks Simulink Control Design recommended	✔	✔	✔
Signal Processing Toolbox	Requires MATLAB DSP System Toolbox recommended	✔	✔	✔
SimBiology	Requires MATLAB Global Optimization Toolbox recommended Optimization Toolbox recommended Parallel Computing Toolbox recommended Statistics and Machine Learning Toolbox recommended	✔	✔	✔
SimEvents	Requires MATLAB Requires Simulink Stateflow recommended Statistics and Machine Learning Toolbox recommended	✔	✔	✔
SimRF	Requires MATLAB Requires Simulink Requires RF Toolbox Requires Simscape Communications System Toolbox recommended DSP System Toolbox recommended Signal Processing Toolbox recommended	✔	✔	✔
Simscape	Requires MATLAB Requires Simulink	✔	✔	✔
Simscape Driveline	Requires MATLAB Requires Simulink Requires Simscape	✔	✔	✔

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Simscape Electronics	Requires MATLAB Requires Simulink Requires Simscape Simulink Control Design recommended Optimization Toolbox recommended SimMechanics recommended SimHydraulics recommended Control System Toolbox recommended Simulink Design Optimization recommended	✓	✓	✓
Simscape Fluids	Requires MATLAB Requires Simulink Requires Simscape	✓	✓	✓
Simscape Multibody	Requires MATLAB Requires Simulink Requires Simscape	✓	✓	✓
Simscape Power Systems	Requires MATLAB Requires Simulink Requires Simscape	✓	✓	✓
Simulink	Requires MATLAB Requires Fixed-Point Designer for simulating fixed-point data types Some features require the use of a C compiler. See the list of supported compilers.	✓	✓	✓
Simulink 3D Animation	Requires MATLAB Simulink recommended Simulink is required if using the blockset portion of the product	✓	✓	✓
Simulink Code Inspector	Requires MATLAB Requires Simulink Requires host platform C compiler supported by MATLAB (for loadlibrary usage). See list of supported host compilers.	✓		✓
Simulink Coder	Requires MATLAB Requires Simulink Requires MATLAB Coder Embedded Coder recommended Requires Fixed-Point Designer for generating fixed-point code Requires host platform C compiler. See list of supported host compilers. Requires cross compiler for the target processor if the code will execute on a platform different from the host.	✓	✓	✓
Simulink Control Design	Requires MATLAB Requires Simulink Requires Control System Toolbox Simulink Design Optimization recommended	✓	✓	✓

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Simulink Design Optimization	Requires MATLAB Requires Simulink Requires Optimization Toolbox Global Optimization Toolbox recommended Parallel Computing Toolbox recommended Simulink Control Design recommended Control System Toolbox recommended	✔	✔	✔
Simulink Desktop Real-Time	Requires MATLAB Requires Simulink Simulink Coder recommended MATLAB Coder recommended	✔	✔	
Simulink Design Verifier	Requires MATLAB Requires Simulink Requires Simulink Verification and Validation Requires Stateflow (If you want to use Simulink Design Verifier with Stateflow diagrams)	✔	✔	✔
Simulink PLC Coder	Requires MATLAB Requires Simulink	✔		
Simulink Real-Time	Requires MATLAB Requires Simulink Requires Simulink Coder Requires MATLAB Coder Stateflow recommended Available on 32 bit Windows and 64 bit Windows only Requires a compiler (See supported compiler versions.)	✔		
Simulink Report Generator	Requires MATLAB Requires Simulink Requires MATLAB Report Generator	✔	✔	✔
Simulink Test	Requires MATLAB Requires Simulink Simulink Design Verifier recommended Simulink Report Generator recommended Embedded Coder recommended Simulink Verification and Validation recommended Stateflow recommended	✔	✔	✔
Simulink Verification and Validation	Requires MATLAB Requires Simulink	✔	✔	✔
Spreadsheet Link	Requires MATLAB Available on 32 bit Windows and 64 bit Windows only Requires one of the following versions of Excel: Excel 2007 Excel 2010 Excel 2013	✔		

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Stateflow	Requires MATLAB Requires Simulink Requires C compiler when used in nonWindows or 64 bit environments. See the list of supported compilers.	✔	✔	✔
Statistics and Machine Learning Toolbox	Requires MATLAB	✔	✔	✔
Symbolic Math Toolbox	Requires MATLAB	✔	✔	✔
System Identification Toolbox	Requires MATLAB Requires Simulink for using toolbox blocks Signal Processing Toolbox recommended Control System Toolbox recommended	✔	✔	✔
Trading Toolbox	Requires MATLAB Windows only support: X_TRADER® CQG Bloomberg EMSX Interactive Brokers®	✔		
Vehicle Network Toolbox	Requires MATLAB Simulink recommended	✔		
Vision HDL Toolbox	Requires MATLAB HDL Coder recommended Image Processing Toolbox recommended FixedPoint Designer recommended Computer Vision System Toolbox recommended HDL Verifier recommended Simulink recommended	✔		✔
Wavelet Toolbox	Requires MATLAB Signal Processing Toolbox recommended Image Processing Toolbox recommended Statistics and Machine Learning Toolbox recommended	✔	✔	✔
WLAN System Toolbox	Requires MATLAB Requires Signal Processing Toolbox Requires DSP System Toolbox Requires Communications System Toolbox Instrument Control Toolbox recommended Parallel Computing Toolbox recommended	✔	✔	✔