Přehled produktů v rámci PASS licence

MATLAB® Product Family

MATLAB

Parallel Computing
- Parallel Computing Toolbox

Math and Optimization
- Curve Fitting Toolbox
- Optimization Toolbox
- Global Optimization Toolbox
- Symbolic Math Toolbox
- Mapping Toolbox
- Partial Differential Equation Toolbox

AI, Data Science, and Statistics
- Statistics and Machine Learning Toolbox
- Deep Learning Toolbox

Code Generation
- MATLAB Coder
- Embedded Coder
- Fixed-Point Designer

Application Deployment
- MATLAB Compiler

Database Access and Reporting
- Database Toolbox
- MATLAB Report Generator

Simulink® Product Family

Simulink

Event-Based Modeling
- Stateflow
- SimEvents

Physical Modeling
- Simscape
- Simscape Driveline
- Simscape Electrical
- Simscape Fluids

- Simscape Multibody

Real-Time Simulation and Testing
- Simulink Desktop Real-Time

Code Generation
- Simulink Coder
- Embedded Coder
- Fixed-Point Designer

Simulation Graphics and Reporting
- Simulink 3D Animation
- Simulink Report Generator

Application Products

Signal Processing
- Signal Processing Toolbox
- DSP System Toolbox
- Audio Toolbox
- Wavelet Toolbox

Image Processing and Computer Vision
- Image Processing Toolbox
- Computer Vision Toolbox

Control Systems
- Control System Toolbox
- System Identification Toolbox
- Robust Control Toolbox
- Model Predictive Control Toolbox
- Fuzzy Logic Toolbox
- Simulink Control Design
- Simulink Design Optimization

Test and Measurement
- Data Acquisition Toolbox
- Instrument Control Toolbox
- Image Acquisition Toolbox

RF and Mixed Signal
- RF Toolbox
- RF Blockset

Wireless Communications
- Communications Toolbox

Autonomous Systems
- Robotics System Toolbox

- Navigation Toolbox
- ROS Toolbox

FPGA, ASIC, and SoC Development
- Fixed-Point Designer

Aerospace
- Aerospace Blockset
- Aerospace Toolbox

Computational Finance
- Database Toolbox
- Spreadsheet Link

Computational Biology
- Bioinformatics Toolbox
- SimBiology

Systems Engineering
- Stateflow