

Die MathWorks-Lizenz für die TU Ilmenau:

Umfang, Zugang & Support

Einführung: Worum geht es heute?

- Campusweite Lizenz für die TU Ilmenau
- Warum MATLAB und Simulink?
- Verfügbare Ressourcen – Trainings & More
- Zugang zur Lizenz





Why MATLAB & Simulink?

Millions of engineers and scientists worldwide use MATLAB and Simulink.



90,000+ business, government, and university sites



All of the top 10 auto manufacturers¹



All of the top 10 aerospace companies²



Three of the top five internet companies

¹OICA: 2016 World Motor Vehicle Production

²PwC: Aerospace and Defense 2017 Year in Review

Key Industries



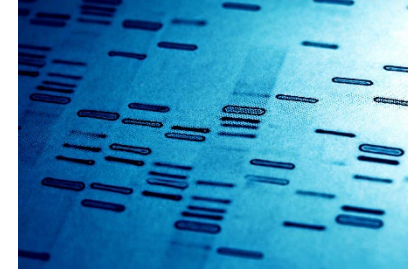
Aerospace and Defense



Automotive



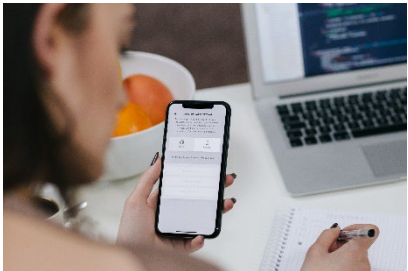
Biological Sciences



Biotech and Pharmaceutical



Communications



Electronics



Energy Production



Financial Services



Industrial Machinery



Medical Devices



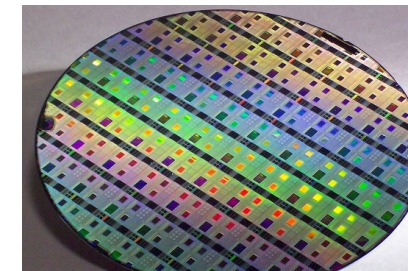
Metals, Materials, Mining



Neuroscience



Railway Systems

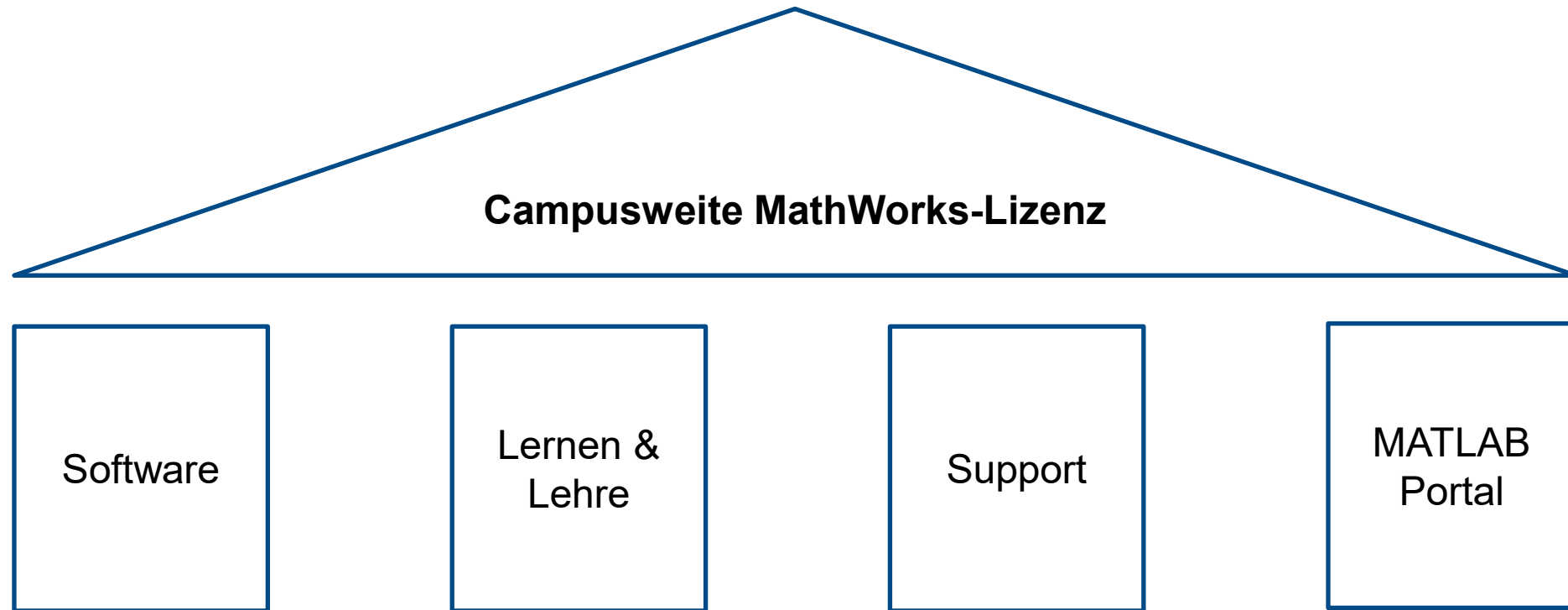


Semiconductors



Software and Internet

Lizenzumfang: Unsere 4 Säulen



MATLAB für Wissenschaftler:innen, Lektor:innen, Studierende & Gastdozenten:innen

Lizenzumfang: Software

- ✓ MATLAB, Simulink, 100+ Toolboxen, jährliche Updates
- ✓ MATLAB Online / Simulink Online
- ✓ MATLAB Parallel Server, Production Server, Roadrunner
- ✓ Softwarelösungen für:
 - [Cloud Computing](#)
 - [Parallel Computing](#)
 - [Simulation](#)
 - [Model-Based Design](#)
 - [Embedded Code Generation](#)
 - [Verification, Validation & Testing](#)

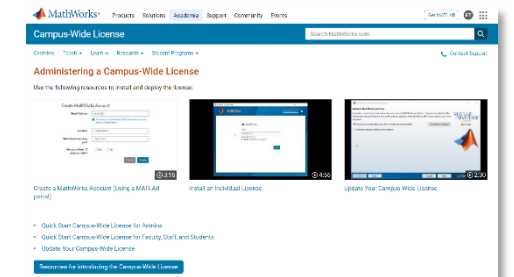
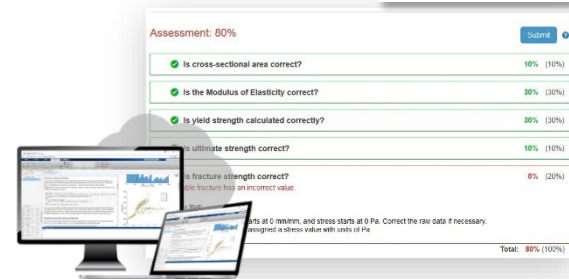
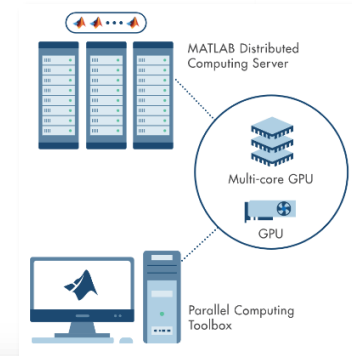


Products on Campus-Wide Licenses sold after R2022a

Organized Alphabetically

5G Toolbox	MATLAB Compiler	SimBiology
Aerospace Blockset	MATLAB Compiler SDK	SimEvents
Aerospace Toolbox	MATLAB Grader	Simscape
Antenna Toolbox	MATLAB Parallel Server	Simscape Driveline
Audio Toolbox	MATLAB Production Server	Simscape Electrical
Automated Driving Toolbox	MATLAB Report Generator	Simscape Fluids
AUTOSAR Blockset	MATLAB Web App Server	Simscape Multibody
Bioinformatics Toolbox	Mixed-Signal Blockset	Simulink
Bluetooth Toolbox	Model Predictive Control Toolbox	Simulink 3D Animation
Communications Toolbox	Model-Based Calibration Toolbox	Simulink Check
Computer Vision Toolbox	Motor Control Blockset	Simulink Code Inspector
Control System Toolbox	Navigation Toolbox	Simulink Coder
Curve Fitting Toolbox	Online Training Suite	Simulink Compiler
Data Acquisition Toolbox	Optimization Toolbox	Simulink Control Design
Database Toolbox	Parallel Computing Toolbox	Simulink Coverage
Datefield Toolbox	Partial Differential Equation Toolbox	Simulink Design Optimization
DDS Blockset	Phased Array System Toolbox	Simulink Design Verifier
Deep Learning HDL Toolbox	Polyspace Bug Finder	Simulink Desktop Real-Time
Deep Learning Toolbox	Polyspace Code Prover	Simulink PLC Coder
DSP HDL Toolbox	Powertrain Blockset	Simulink Real-Time
DSP System Toolbox	Predictive Maintenance Toolbox	Simulink Report Generator
Econometrics Toolbox	Radar Toolbox	Simulink Test
Embedded Coder	Reinforcement Learning Toolbox	SoC Blockset
Filter Design HDL Coder	Requirements Toolbox	Spreadsheet Link
Financial Instruments Toolbox	RF Blockset	Statflow
Financial Toolbox	RF PCB Toolbox	Statistics and Machine Learning Toolbox
Design Verifier	Risk Management Toolbox	Symbolic Math Toolbox
Deployment Target	Roadrunner	System Composer
Deployment Toolbox	Roadrunner Asset Library	System Identification Toolbox
Deployment Verification Toolbox	Roadrunner Scenario	Text Analytics Toolbox
Deployment Verification Toolbox	Roadrunner Scene Builder	UAV Toolbox
Deployment Verification Toolbox	Robotics System Toolbox	Vehicle Dynamics Blockset
Deployment Verification Toolbox	Robust Control Toolbox	Vehicle Network Toolbox
Deployment Verification Toolbox	ROS Toolbox	Vision HDL Toolbox
Deployment Verification Toolbox	Satellite Communications Toolbox	Wavelet Toolbox
Deployment Verification Toolbox	Sensor Fusion and Tracking Toolbox	Wireless HDL Toolbox
Deployment Verification Toolbox	SerDes Toolbox	Wireless Testbench
Deployment Verification Toolbox	Signal Processing Toolbox	WLAN Toolbox
Deployment Verification Toolbox	Signal Integrity Toolbox	

Products new to Campus-Wide Licenses as of this release in **BOLD**



Lizenzumfang: Lernen und Lehre

Für Studierende

- **Online Training Suite**
- **Cody Challenge**
- **MATLAB File Exchange**
- **MATLAB Answers**
- **Studentenwettbewerbe**

Für Dozent:innen

- **MATLAB Grader**
- **Courseware**
- **Hardware-Support**
- **Teaching Community**

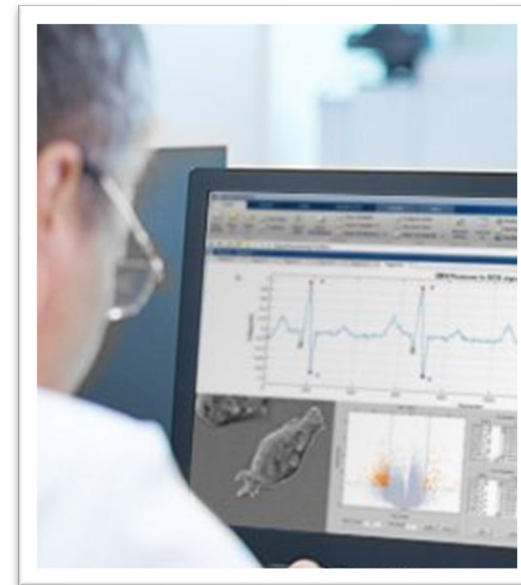
Lizenzumfang: Support und Unterstützung

Anwendungsfälle (Forschung & Lehre),
Workshops, Produktdemos

(Technische) Probleme:



Dr. Stefan Kerber
Customer Success Engineer
skerber@mathworks.com



Install Support

Technical Support

File Exchange

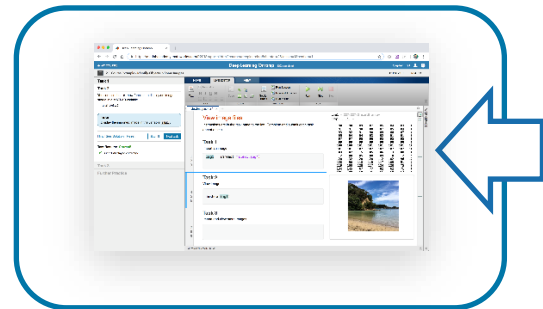
MATLAB Answers

[Contact Us - MATLAB & Simulink \(mathworks.com\)](https://www.mathworks.com/contact-us)

Das MATLAB-Portal: Zugriff für Individuelle Nutzer:innen




Lizenz aktivieren



MATLAB downloaden

MATLAB-Zugang und Support für alle an der
TU Ilmenau



MATLAB und Simulink

- werden von mehr als 100.000 Unternehmen genutzt, darunter auch Start-up Unternehmen
- finden sich in mehr als 4 Millionen wissenschaftlichen Publikationen

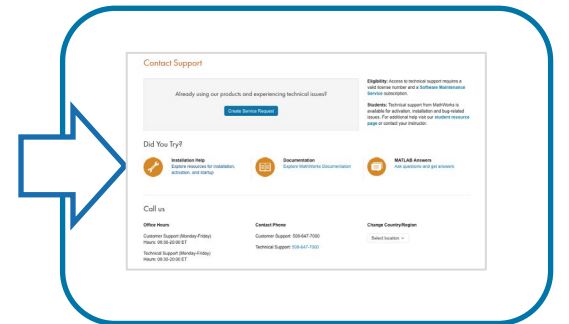
Was werden Sie mit MATLAB und Simulink erreichen?

MATLAB und Simulink anfordern

[Siehe die Liste der verfügbaren Produkte](#)



Trainings finden



Support kontaktieren

Alle Portale sind fertiggestellt und können genutzt werden!