MathWorks Resources for Lockheed Martin Corporation

MathWorks and Lockheed Martin have a long history of collaboration and success. Engineers at Lockheed Martin have been using MathWorks tools and services to reduce development time, improve efficiencies, and reduce errors for over 20 years. We can help further your initiatives of modernization, agile development, configuration management, requirements, and documentation.

MATLAB – The Language of Technical Computing

Millions of engineers and scientists worldwide use MATLAB® to analyze and visualize their data, as well as to design the systems and products transforming our world.

Simulation and Model-Based Design

Simulink® is a block diagram environment for multidomain simulation and Model-Based Design.

Application Areas
- Control Systems
- Data Analytics
- Deep Learning
- Image Processing and Computer Vision
- Internet of Things
- Machine Learning
- Motor and Power Control
- Robotics
- Signal Processing and Communications
- Test and Measurement
- Wireless

Capabilities
- Application Deployment
- Code Generation
- Database Access and Reporting
- Event-Based Modeling
- Math, Statistics, and Optimization
- Parallel Computing
- Physical Modeling
- Real-Time Simulation and Testing
- Simulation Graphics and Reporting
- Verification, Validation, and Testing

Your MathWorks Account Team

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Customer Service
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Your MathWorks Technical Support Resources

Licensing and Technical Support
Available through Lockheed Martin's maintenance investment.
(508) 647-7000 | support@mathworks.com

Application Engineering – Division Support (Complimentary Services)
Dedicated technical team that provides insight on trends, leads technical learning sessions, and demonstrates how to apply MathWorks tools to an upcoming project.

Aeronautics – Lyle Shipton
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Missiles and Fire Control – Sam Welsh
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Rotary and Mission Systems – Rob Graessle
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Your MathWorks Services

Training and Certification Services (Paid Services)

Over 30 course offerings on tools and applications are available.
Courses can be taken online, publicly, or onsite.

- **Individual Training**
  - MATLAB Onramp – Complimentary two-hour tutorial
  - Deep Learning Onramp - Complimentary two-hour tutorial

- **Self-Paced, Online Training**
  - MATLAB Fundamentals
  - MATLAB Programming Techniques
  - MATLAB for Data Processing and Visualization
  - Machine Learning with MATLAB

- **MathWorks Certification Program**

- **Team Training**
  Public, web-based, or onsite training. Contact Joseph Villecco to schedule an onsite seminar or webinar.

Pilot Engineering Services (Complimentary Services)

Dedicated support for technical product and workflow evaluations, tool deployment, and development of systems.

- Proof of concept
- Define development process around Model-Based Design
- Investigate blocking bugs

Consulting Services (Paid Services)

Our consultants help engineers solve difficult research and technical challenges.

- DO-178 Certification Advisory Service
- Software Upgrade Services
- Developing Embedded Targets Advisory Service
- Signal Processing and Communications
- Model-Based Design Process Assessment and Maturity Framework

Your mathworks.com Online Resources (Complimentary Services)

Exclusive for Lockheed Martin: MATLAB and Simulink User Portal
https://www.mathworks.com/campaigns/portals/lockheed-martin.html

Materials focused on ongoing product education and training as well as a Lockheed Martin-specific section that includes presentations, demos and other resources from recent programs, and schedule for upcoming onsite events and training.

Discover how to solve your computational problem
Explore featured capabilities through videos, examples, software reference materials, and other resources

MATLAB Central
Open file exchange and newsgroup for the MATLAB and Simulink user community

Set up a MathWorks Account
Obtain updates, add-on products, mobile access, and additional expanded help

Support
Find installation help, trial downloads, tutorials, documentation, and examples | (508) 647-7000

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