MathWorks Consulting Services

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MathWorks Consulting Services
Agenda

- Introduction to MathWorks Consulting Services
- Consulting Customer Success Stories
- How Consulting Services can add value to your project
MathWorks Consulting Services - Business Model

- **Worldwide**
  - MathWorks Consulting Services brings local presence, local language, industry background, and MATLAB and Simulink expertise to customized support of your workflow, deployment, and business-critical applications.

- **Flexible engagement model**
  - MathWorks Consultants work onsite anywhere in the world, or offsite as best suits the customer’s goals. We adapt our project scheduling to the demands of the customer’s timeline.
MathWorks Consulting Services – Business Model

- **Tools expertise and industry experience**
  - MathWorks Consultants have helped thousands of organizations from a wide range of industries apply MathWorks products in state of the art workflows
  - We leverage the collective knowledge and experience of our worldwide Consultants and our MATLAB and Simulink product developers and put it to work on your project

- **Knowledge transfer**
  - The end goal of any Consulting project is to **strengthen the skills of our customers** and leave them self-sufficient and in control of their own processes, tools and design work.
MathWorks Consulting Services

Global team of experts provide support:
- Optimize for business needs
- Maximize performance
- Minimize risk
- Accelerate time-to-value

Process and Technology Standardization

Expanding Rollout

- Advisory Services
- Process Standardization
- Technology Standardization

Department Rollout

- Advisory Services
- Process Assessments
- Deployment

POC

Explore

Expand

Standardize
Why do customers engage Consulting? Accelerated Return on Investment

Productivity Improvement Dynamics

→ Speed Return on Investment in technology
Consulting Cases in Korea

Model Standard Compliance Check
Consulting Cases in Korea

- Repetitive modeling standard compliance check automatically
- Automatic reporting to the recipients
- Resolving inconsistencies as early as possible
- Emailing to the recipients
Consulting Cases in Korea (Cont’d)

Process In the Loop
Consulting Cases in Korea (Cont’d)

**Objective**

- Verify correct behaviour
- Measure code coverage
- Measure execution time
- Stack profiling

**Execution Histories**
- Code coverage
- Execution time measurements
- Stack usage
- Logged signals
Consulting Cases in Korea (Cont’d)

Plant Modeling
(Active Steering Chassis System)
Consulting Cases in Korea (Cont’d)
Consulting Case in Korea (Cont’d)

Custom Embedded Target for the XMC4500
Consulting Case in Korea (Cont’d)
Consulting Case in Korea (Cont’d)

Model Conversion

(3rd party tool to Simulink)
Consulting Case in Korea (Cont’d)

Automatic Conversion to Simulink
Web Resources

MATLAB and Simulink Consulting Services

Getting Started
How We Work
MathWorks Consulting Services works to strengthen your skills and leave you self-sufficient and in control of your own processes, tools, and design work.

Worldwide Availability
MathWorks Consulting Services brings local presence, local language, industry background, and MATLAB and Simulink expertise to your part of the world.

Customer Success Stories
From improving performance and product quality to reducing development time and advancing scientific discovery, MathWorks Consulting Services helps engineers and scientists overcome their most difficult research and technical challenges. See how MathWorks consultants are transforming the way their customers work.

Proven Solutions
MathWorks Consulting Services delivers reliable and effective solutions to solve your engineering challenges. Explore how MathWorks consultants work with you on a strategic level, understanding your business goals and using their technical expertise to translate your requirements into real-world solutions.

Meet Our Team
Our team of industry veterans has MATLAB and Simulink expertise and real-world experience to help you reduce costs, improve operational efficiency, and manage complexity.

www.mathworks.com/services/consulting
Key Takeaway

Productivity Improvement Dynamics

→ Speed Return on Investment in technology