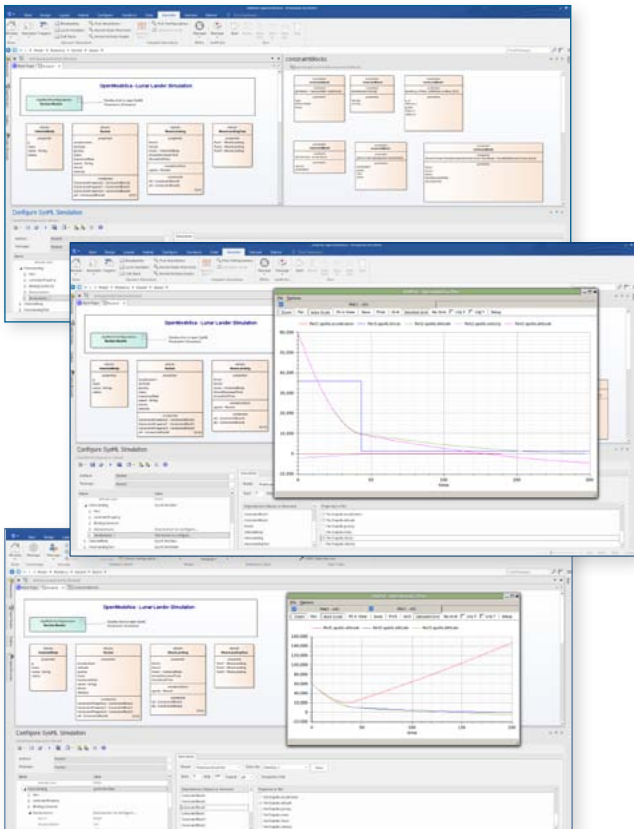


# SysML™

## Robust Team Based Systems Engineering



**Specify, analyze and design large scale systems using SysML with Enterprise Architect.**

MDG Technology for SysML provides a rich, team-based modeling environment for Systems Engineering. Tightly integrated with Sparx Systems' award-winning Enterprise Architect, MDG Technology for SysML helps engineers to specify requirements, design robust systems and model with all 9 SysML diagrams.

### **Simulate with OpenModelica** Rapid and robust evaluation of SysML models

- Simulate and graph
- Describe and annotate
- Generate OpenModelica code
- Extensive resources Library

[www.sparxsystems.com/openmodelica](http://www.sparxsystems.com/openmodelica)



[www.sparxsystems.com/sysml](http://www.sparxsystems.com/sysml)



# SysML™



## Enterprise Architect delivers the ultimate modeling solution for Systems Engineering!

Specify system behavior with SysML Requirements. Design nested systems and subsystems with SysML Blocks and Parts. Analyze system-to-system behavior using Interaction Diagrams, Activities and State Machines. Define system dynamics and enforce correctness with Parametric and Constraint blocks.

- Parametric model simulation.
- Increase productivity with MDA (Model Driven Architecture) transformations.
- Visualize and trace formal requirements.
- Bring your State Machines and Activities to life with advanced simulation support for triggers, signals and events.
- Executable code generation from State Machines.
- Model to code transformations for Hardware Description Languages such as SystemC, VHDL and Verilog.
- Leverage the latest XMI 2.5.1 and UML 2.5 specifications.
- Convert SysML 1.1, 1.2 and 1.3 models to SysML 1.4 using Sparx Systems' migration scripts.
- Display nested elements with Structure Compartments.



## Collaborate & Integrate

WebEA



OSLC  
RESTful API

Radically transform the business value of SysML

[www.sparxsystems.com/sysml](http://www.sparxsystems.com/sysml)

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