

# Modeling & Simulation Technology

## Products

### *SysML Parametric Solvers*

- Execute SysML parametric models using
  - ParaMagic® for MagicDraw
  - Melody™ for IBM Rational Rhapsody
  - Partisan (beta) for Artisan Studio
- Use Mathematica or OpenModelica (free) as a core solver
- Link to Excel spreadsheets and perform batch trade studies
- Link to existing MATLAB/Simulink and Mathematica functions

### *SysML Integration Tools*

- SysML and Math tools (Mathematica, MATLAB, Excel)
- SysML and M&S tools (Simulink, OpenModelica)
- SysML and CAD tools (NX, STEP MCAD/AP203, ECAD/AP210)
- SysML and CAE tools (ANSYS, ABAQUS)
- Plus tailored interfaces to other tools

## Services

- SysML training – onsite, offsite, and web-based  
[www.intercax.com/sysml/training](http://www.intercax.com/sysml/training)
- Consulting, coaching, and support for SysML & MBSE
- Custom application development




## Application Areas

- Aerospace, automotive, and marine systems
- Defense and intelligence
- Supply chains and logistics
- Energy and sustainability
- Finance and risk management
- Urban planning and infrastructure



## Contact Us

75 5<sup>th</sup> Street NW, Suite 213, Atlanta GA 30318, USA

[info@intercax.com](mailto:info@intercax.com) • +1-404-592-6897 •  [twitter.com/InterCAX](https://twitter.com/InterCAX)