

MEMS Pro v6.0 Configurations

Several configurations are available to make MEMS Pro a flexible and scalable design environment.

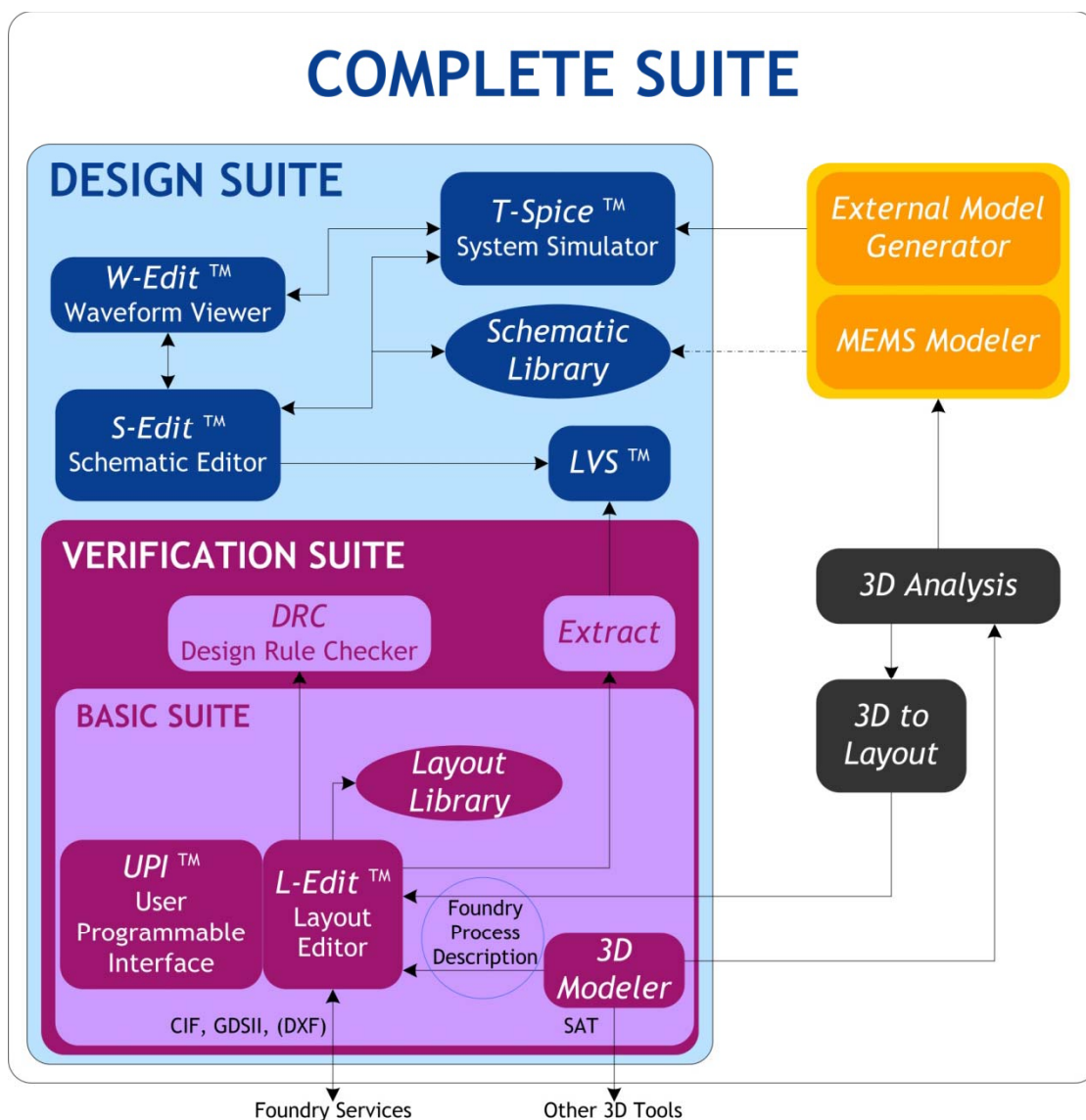
MEMS Pro BS (Basic Suite): Answers the needs for full custom layout mask design and 3D modeling from fabrication process descriptions. The link to FEM is ensured through SAT files or an ANSYS APDL script.

MEMS Pro VS (Verification Suite): Answers the needs for full custom layout mask design, mask verification and 3D modeling.

MEMS Pro DS (Design Suite): Answers the needs for mixed domain MEMS and IC simulations, full custom layout mask design, mask verification, layout versus schematic coherency checking and 3D modeling.

MEMS Pro CS (Complete Suite): MEMS Pro CS closes all design flow loops for a fully integrated MEMS Design Environment. MEMS Pro CS adds to the DS configuration the Behavioral modeling tools and 3D to Layout modules.

NOTES: Upgrades from one configuration to another are available. Multiphysics3D Analysis tools must be purchased separately. Please ask us for details.



MEMS Pro v6.0: Side-by-Side Comparison of Suites

	BS	VS	DS	CS
Mask Editing				
Mask Editor	X	X	X	X
EasyMEMS	X	X	X	X
MEMS Layout Libraries	X	X	X	X
Physical Design Verification				
Design Rule Checker		X	X	X
Netlist Extraction and Layout vs. Schematic Check		X	X	X
MEMS Verification Modules		X	X	X
Mixed domain simulation				
Schematic, Multiphysics MEMS and circuit simulation, and Waveform viewing			X	X
MEMS Behavioral Model Library			X	X
Physical Modeling				
Material Database, Process Definition editor and Boundary Conditions editor	X	X	X	X
3D Geometric Modeler, Viewer, Cross-section (SAT, APDL output), Meshing. (IGES is an extra charge)	X	X	X	X
3D to Layout				X
Behavioral Modeling				
Model Generator (FEM to Analytical)				X
Model Generator (Equations to Analytical)				X

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Supported operating systems for MEMS Pro V6.0 are Windows NT, 2000 and XP.