

# MEMS Pro v6.0 Configurations

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

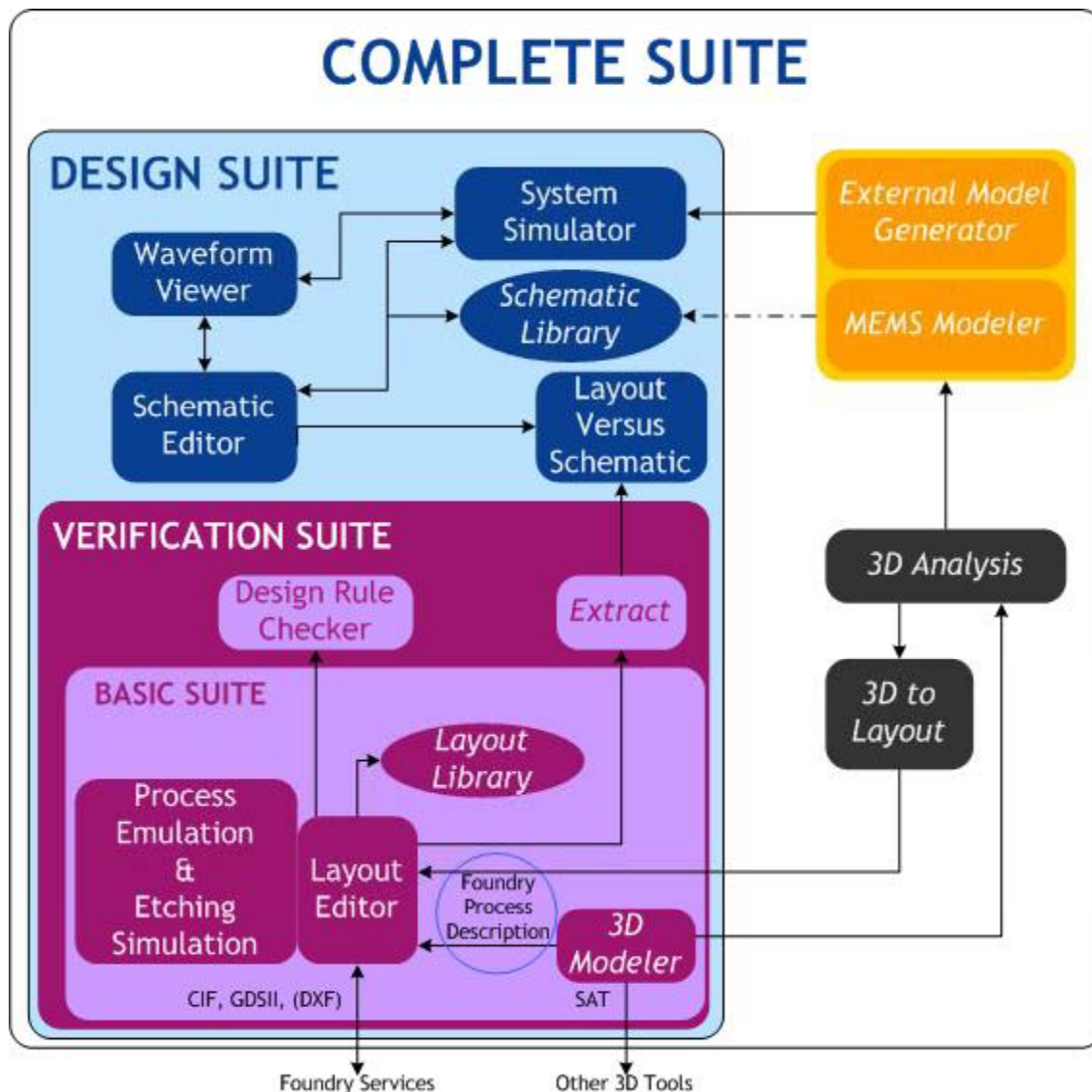
**MEMS Pro BS (Basic Suite):** Answers the needs for full custom layout mask design and 3D modeling from fabrication process descriptions. The link to FEM is ensured through SAT files or an ANSYS APDL script.

**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

	LS	BS	VS	DS	CS
<b>Mask Editing</b>					
Mask Editor	X	X	X	X	X
EasyMEMS	X	X	X	X	X
MEMS Layout Libraries	X	X	X	X	X
<b>Physical Design Verification</b>					
Design Rule Checker			X	X	X
Netlist Extraction and Layout vs. Schematic Check			X	X	X
MEMS Verification Modules			X	X	X
<b>Mixed domain simulation</b>					
Schematic, Multiphysics MEMS and circuit simulation, and Waveform viewing				X	X
MEMS Behavioral Model Library				X	X
<b>Physical Modeling</b>					
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
<b>Behavioral Modeling</b>					
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.**