



April 2025

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Model Based User Group Update

Want to know what's happening with model based enterprise and it's key tech, model based definition? Join the Model Based SolidWorks User Group. Origin's Geoff Foulds co-leads the group with Matt Patton. Here are highlights from the only face-to-face meeting of 2025, at 3DEXperience World in Houston.

Top 10 List features implemented in 2023, 2024 and 2025 are :

2023 – 3 MBD in Top Ten

2024 – 6 MBD in Top Ten

2025 – 3 MBD in Top Ten

The User Group agreed to pool their feature requests

Target date to assemble the list is May 15, 2025

To join up, contact Geoff Foulds: Geoff.foulds@originintl.com

THE TOP TEN LIST 2025

1. MBD. Be able to assign Note and Surface Finish to a group of faces or a pattern
2. MBD. Add PMI list module in 3D PDF editor
3. Coating/Treatment object in Feature Manager tree
4. Material Database Interface. Ability to link/attach a file (PDF, DOC, etc.) to a material
5. Make Electrical an everything schematic tool
6. Electrical Schematic interconnect
7. Electrical Schematic Drawings vs. 3D Flattened
8. Electrical & PDM. Better link between the two
9. Electrical Schematic Drawings vs. 3D Flattened
10. MDB. Dynamically link to faces defined in compound plane



Coming Soon : ScanViz

ScanViz helps engineers quickly import, overlay, and analyze STL scan data directly inside SOLIDWORKS—eliminating the need for external metrology software. Like CheckMate, Origin built ScanViz on the powerful and proven CheckMate Engine. ScanViz delivers just the features production engineers need in a user interface customize to their needs. **For more details, go to [Origin's ScanViz page](#)**





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TOP NOTCH



VIDEOS GD&T EXPLAINED

Composite Tolerances Explained -

MOST VIEWED

37,062 Views and Counting

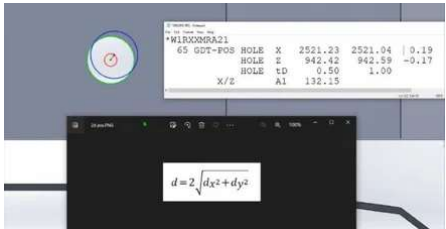
4XØ 6.0 ±0.025

⊕	Ø.020 (M)	C	E (M)	F (M)
	Ø.010 (M)	C		

DRF Mobility Introduced

⊕	Ø0.1 (M)	A	B (M)	C (M)
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