





	SUITES					
	DESIGNERS			ENGINEERING ANALYST		
	Mechanical Designer (MD)	Concept Engineer (CE)	SEW Engineer (1E) Suite	Electronics Designer (EDE) Suite	Mechanical Engineer (ME) Suite	Multiphysics/Mechatronics Engineer (MME)
ACTIVATE Professional		3		3	3	3
FluxMotor		3			3	3
HyperWorks X					3	3
HyperWorks CFD					3	3
HyperLife					3	3
HyperGraph, HyperGraph3D					3	3
Altair Bushing Model, Hyper-GraphTrans, HyperViewTrans, MediaView, TableView, TextView					3	3
HyperMesh					3	3
HyperView					3	3
SimLab (Pre-Post General Purpose)					3	3
Acuconsole					3	3
AcuMeshSim					3	3
AcuFieldView					3	3
BatchMesher					3	3
HyperCrash					3	3



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Flux2D (per Node)					3	3
Flux GUI					3	3
MotionView					3	3
ElectroFloGUI						3
Feko / newFASANT / WinProp / WRAP GUI						3
Solvers (1-4 Cores)						
Acusolve					3	3
Acuview					3	3
Acutrace					3	3
Acufwh					3	3
FluxSolver					3	3
HyperFormSover					3	3
MotionSolve					3	3
OptiStructFEA					3	3

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	Mechanical Designer (MD)	Concept Engineer (CE)	Product Engineer (PE) Suite	Electronics Designer (EDE) Suite	Mechanical Engineer (ME) Suite	Multiphysics/Mechatronics Engineer (MME)
• Radioss					✓	✓
• Coupled Solver					✓	✓
• HyperXtrudeFEA					✓	✓
• OptiStruct (optimization)					✓	✓
• nanoFluidX (per GPU) Decay available see table						✓
• ultraFluidX (per GPU) Decay available see table						✓
• ElectroFloSolver						✓
• FekoSolver including newFAS-ANT, WinProp and WRAP						✓
PolIEX						
• PolIEX PCB Logic		✓		✓	✓	✓
• PolIEX PCB Modeler (Viewer)		✓	✓	✓	✓	✓
• PolIEX PCB Solvers (SI, PI, Thermal)				✓		✓
• PolIEX PCB Verification (DFM, DFE, DFA, DFE+)				✓		✓

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• PolIEX PCB (UPE) Unified Part Editor				✓		✓
• PolIEX PCB DfX Post-processing				✓		✓
EDEM Products						
• EDEM-GUI						✓
• EDEM-Solver-CPU (upto 4 Cores)						✓
• EDEM-Solver-GPU (per GPU)						✓
Special Products						
• ESAComp		✓	✓		✓	
• MultiScale Designer Plugin (for Radioss / OptiStruct)					✓	✓
• MDO - Multi-Disciplinary Optimization Director (allows external solver)						✓
• GeoMechanics Director						✓

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• Impact Simulation Director - Abaqus						✓
• Impact Simulation Director - Radioss						✓
• Impact Simulation Director - LS Dyna						✓
• Model Mesher Director						✓
• NVH Director						✓
• Squeak and Rattle Director						✓
• Ziegler Material DatabaseSnR						✓
• Virtual Gauge Director						✓
• Weld Certification Director						✓
• Weight Analytics - Web-Portal Per user (Decays later)						✓
• Weight Analytics - Server (Always on)						✓
• AEC CFD						✓
• e-Motor						✓

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	Mechanical Designer (MD)	Concept Engineer (CE)	Product Engineer (PE) Suite	Electronics Designer (EDE) Suite	Mechanical Engineer (ME) Suite	Multiphysics/Mechatronics Engineer (MME)
• MultiScale Designer Plugin (for LSDYNA / Abaqus)						✓
• Multiscale Designer Pro (for composites / fiber orientation etc)						✓
Other Products						
• Automate					✓	✓
• Process Manager - Applications					✓	✓
• HyperStudy Microsoft Excel Plugins					✓	✓
• Altair Bushing Model					✓	✓
• HyperGraphTrans					✓	✓
• HyperViewTrans					✓	✓
• MediaView					✓	✓
• TableView					✓	✓
• TextView					✓	✓
• BatchMesher					✓	✓



# ALTAIR

## UNIT MATRIX

		SUITES				
		DESIGNERS			ENGINEERING ANALYST	
		Concept Engineer (CE)	Product Engineer (PE) Suite		Mechanical Engineer (ME) Suite	Multiphysics/Mechatronics Engineer (MME)
	Mechanical Designer (MD)					
•	HyperCrash				✓	✓
•	HyperLife				✓	✓
•	Process Manager - Studio				✓	✓
•	Virtual Wind Tunnel (GUI)					✓