

Altair® HyperWorks® 2026

Altair Units Licensing Guide

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Altair Units Licensing

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Altair Units licensing information.

This chapter covers the following:

- Altair HyperWorks Products Unit Draw (p. 5)
- Project Tracking (p. 34)
- Altair Units and Managed Altair Licensing (p. 35)
- Connect to the On-Premises Altair License Manager (p. 39)
- Global Licensing (p. 41)
- Valid Environment Variables for Controlling Licensing Behavior (p. 43)

Altair 2026 licensing is based on Altair License Manager (ALM). The conversion formula for Altair Units to License Features (what is actually in the license) is 1 to 1000. For each Altair Unit (AU) purchased, there are 1000 license features available in the license. This should not be confused with products that are licensed as product feature based. Unit based applications draw license features, and feature-based product licenses draw their respectively named feature from the license (such as CatiaV5Reader).

The licensing system has been designed to allow products of the Altair Partner Alliance (APA) to be licensed via Altair Units. As part of the license agreements to enable partner software, product usage data must be sent to Altair. This is done automatically for customers using managed licensing. For customers using on-premises servers, the Usage Report Tools (URT) must be installed and configured as part of the server installation.

The software applications use three types of licensing: Altair Unit Licenses, Named User Licensing, and Feature-Based Licenses. A more complete description of each licensing type follows.

Altair Units Licensing

Altair Units licenses allow any of the applications to run, as long as there are sufficient license features available and the required product license features are present in the license. One Altair Unit (AU) consumes 1000 license features.

Altair Units licensing has the following characteristics:

- Must use managed licensing or an on-premises server (as opposed to node locked licenses)
- Enforces Global Licensing (see Global Licensing)
- Provides the advantage of the Altair unit-based business model (leveling/stacking/decaying of units, see below)
- Leveling and stacking is not confined by the number of machine cores
- License decay function for massive use of solvers for simulation driven innovation
- Multi-physics and co-simulation licensing, which determines the license draw just based on the number of cores that are used, and effectively lowers the cost.

The Altair License Manager tracks and records the total quantity of units the customer purchased and how many of those units are currently being used by each user. Realtime status is available from Altair One for managed licenses and the almutil tool for on-premises licenses. Refer to the Altair License Manager documentation for more details.

Note: If you are using on-premises licenses, Altair License Manager 2026 or later is required to set up Altair Units licensing.

The Altair Business Model: Leveling and Stacking

By implementing leveling, customers can use multiple applications at the same time without incurring additional unit draw. This leveling is based on an application running on the same host and username. For most applications, the actual cost of running multiple applications on the same host/username is simply the cost of the most expensive application running.

For example, if a user starts HyperMesh (21 AUs) and then starts an instance of HyperGraph (6 AUs), that user will only be using 21000 license features from the license. The same goes for multiple instances of the same application. For example, a user can open multiple instances of HyperMesh, and still only draw 21000 features.

Applications that stack always draw the associated number of units, regardless of any other applications or concurrent usage on the user/host.

Named User Licensing

Named User licensing allows unique “users”, identified using their email credentials from Altair One for authorization and use of the software. The unique user herein is part of the organization (company) that has procured the software for using Altair Managed Licenses. The Company administrator (admin) will have access through the Altair One Managed Licensing portal to manage the users in the account. Only selected products are available under the Named User licensing.

Feature-Based Product Licensing

Feature-based licensing allows an application to run as long as the feature name is available in the license file and the server has not reached the number of available features checked out. Think of this model as the more familiar seat-based type; there is a set number of seats or copies allowed at any given time. Feature-based product licensing does not require or check out Altair Unit license features. However, it does require a checkout of one GlobalZone feature for the appropriate time zone (see Global Licensing).

Altair HyperWorks Products Unit Draw

Altair licensing is based on the Altair Licensing Manager (ALM), which enables the unique and flexible Altair Units business model.

This business model provides full flexibility to access Altair software applications, as well as gives access to the partner applications through the Altair Partner Alliance (https://altair.com/altair-partner-alliance).

The next sections document the unit draw for all current license features. The license may contain other feature names not documented here for compatibility with previous releases of Altair HyperWorks products.

Pre-Post Applications Unit Draw

A summary of the Altair Units (AUs) drawn by application.

When querying the license server, the log will display 1000 times the number shown in the table for each feature name. Also note that feature names in the license have been cleaned up and will typically be the name listed below, prefixed with HW. For example, HyperMesh appears as HWHyperMesh, or Radioss as HWRadioss.

Application	AUs	License Feature(s)	Description
ConnectMe	None	ConnectMe	A tool to efficiently manage, launch, and update Altair HyperWorks and Altair Partner Alliance applications. Does not draw units. License feature is required to receive product updates and notifications.
Material Data Center	None	AMDCPublicExplorerFeature AMDCPublicExplorerPlusFeature AMDCPrivateExplorerFeature AMDCPrivateExplorerPlusFeature AMDCPrivateAuthoringFeature	Cloud-based material database solution providing access to simulation-ready material data. Feature based licenses which are only available for Managed Altair One licensing.
Material Data Center (Private server)	None	AMDCPrivateServerFeature	The AMDC private Server license feature is required to start private AMDC database service.
Material Data Center (Private database)	15, 21	AMDCPrivateExplorerPlus (15 AUs) AMDCPrivateAuthoring (21 AUs)	Explorer Plus license for viewing AMDC private database. Authoring licensing for managing and editing private database.

Application	AUs	License Feature(s)	Description
			*Requires private AMDC feature based server set up.
Material Data Center (Altair Curated database)	15	AMDCPublicExplorerPlus	Explorer Plus license for Altair curated database; on Managed licensing only.
Templex	None	Templex	General purpose text and numeric processor. Does not draw AUs. License feature is required to run Templex.
Launcher	1	Launcher	In the Windows Start menu, HyperMesh, HyperGraph, HyperView, and MotionView shortcuts will invoke the Launcher that prompts users to pick the profile, directory, or recent models and session.
Altair Copilot AI Assistant for HyperWorks	2	AltairCopilotHyperWorks	AI-powered support assistant that understands natural language and can answer questions based exclusively on Altair's online help material and other Altair knowledge sources.
Enterprise Data Manager	2	EDataManager	Tools to organize, connect, and publish performance data throughout the enterprise. The AUs always stack.
Personal Data Manager	2	PDataManager	Collaboration tools used to explore and organize at the small group level.
Compose	5	Compose	A multi-language environment designed to efficiently perform numerical computations, develop algorithms, and analyze and visualize various types of data.
HyperStudy Microsoft Excel Plugins	5	HyperStudy	A multi-disciplinary design exploration study and

Application	AUs	License Feature(s)	Description
			optimization plugin for Microsoft Excel.
Bushing Model	6	AltairBushingModel	License of Runtime DLL containing the "physics" of the bushing. Works with MotionSolve, ADAMS, MATLAB, and Simpack.
FEKOWrapSAM	6	FEKOWrapSAM	Feko/WRAP Spectrum Allocation Manager
HyperGraph	6	HyperGraph	A powerful data analysis and plotting tool with interfaces to many popular file formats.
HyperGraph 3D	6	HyperGraph 3D	Advanced 3D plotting and data analysis.
HyperGraphTrans	6	HyperGraphTrans	HGTrans GUI translates solver result files to Altair Binary File (`.abf`) format.
MediaView	6	MediaView	Plays and displays video files and static images.
TableView	6	TableView	Creates an Excel-like spreadsheet.
TextView	6	TextView	Provides both powerful math and script processing and a text editor.
Twin Activate	15	Twin Activate	Model based development solution to simulate and optimize multi-disciplinary systems.
Flux2D GUI	15	Flux2D	Flux2D Graphical User Interface application. Predicts low-frequency electromagnetic phenomena and optimizes the performance of any electromechanical device in 2D.
FluxMotor	21	FluxMotor	A flexible, open software tool dedicated to the pre-design of electric rotating machines.

Application	AUs	License Feature(s)	Description
FluxMotor with Flow Simulator Solver	21	FluxMotorFSSolver	License features and units required when running Flow Simulator Solver in FluxMotor. Solver will level on the first instance and stack on the second and onward.
Engineering Data Sciences	15	EngDataSciFieldPredict	Prediction of simulation field results with parametric inputs.
	15	EngDataSCiPaiExpert	Classification to emulate experts and account for any subjective design criteria.
	75/150	EngDataSciPaiShape	Prediction of simulation results without requiring parametric inputs. Altair PhysicsAI model training requires 75 AUs. Altair PhysicsAI models require 75 AUs for inference within Altair modeling and visualization products, otherwise they require 150 AUs.
	15	EngDataSciShapeClassify	Classification to identify geometric shapes.
	15	EngDataSciShapeEncode	Extraction of machine learning features from geometric shapes.
	15	EngDataSciSignalAI	Machine learning for signal processing.
	15	EngDataSciUtils	Common utilities for Engineering Data Science components.
BatchMesher (Interactive mode)	21	BatchMesher	Batch tool for HyperMesh's highly efficient geometry clean-up and finite element meshing technologies.
EDEM GUI	21	EDEMGUI	EDEM Graphical User Interface application for discrete element solution.

Application	AUs	License Feature(s)	Description
Feko GUI	21	FEKOGUI WinPropGUI	Feko (including WinProp, and newFASANT) Graphical User Interface application. Feko is a leading electromagnetic simulation software for wireless connectivity, electromagnetic compatibility, and scattering/RCS.
Flux GUI	21	FluxGUI	Flux Graphical User Interface application. Flux predicts low-frequency electromagnetic phenomena and optimizes the performance of any electromechanical device in Flux 3D, Skew, PEEC GUI.
HyperMesh	21	HyperMesh	A high-performance finite-element pre-processor that provides a highly interactive and visual environment to analyze product design performance. OSSmooth launched from HyperMesh draws an additional 21 AUs that are stacked against HyperMesh unit draws (21 AUs), for a total of 42 AUs.
HyperView	21	HyperView	A complete post-processing and visualization environment for finite-element analysis (FEA), multi-body system simulation, digital video and engineering data.
HyperViewTrans	21	HyperViewTrans	Advanced CAE results engine that enables extraction, translation, and compression of CAE results for HyperView.
HyperMesh CFD	21	HyperMeshCFD	A solution centric streamlined user interface which provides end-to-end workflows for aerodynamics, aeroacoustics, internal flow, multiphase flow,
	15	InspireGeometry	

Application	AUs	License Feature(s)	Description
			thermal and moving mesh simulations.
HyperMesh NVH	21	HyperMesh	Standard NVH
	40	SNR PSO_SNR	Squeak and Rattle is a ribbon in HyperMesh NVH and requires the license feature "SNR" to invoke. Squeak and Rattle connects to the Material SNR database, which calls the license feature MatDB_SnR.
	50	PSO_NVHD	Full Vehicle NVH
		SeamGUI	High Frequency NVH
MotionView	21, 21, 30	MotionView InspireMotionAnalyst InspireMSAdvSolver	A user-friendly and intuitive multibody systems modeling environment. Provides full MotionSolve functionalities for Inspire Motion-Analyst.
SimLab	21	SimLabPrePost	A process oriented, feature-based finite element modeling software that allows you to quickly and accurately simulate engineering behavior of complex assemblies.
SimLab with External Solver Interface	21	SimLabExternalSolver	Enables the External Solver Interfaces, including third party, in SimLab.
HyperStudy	25	HyperStudy	A multi-disciplinary design exploration, study, and optimization software for engineers and designers.
HyperLife	30	HyperLife	HyperLife durability and fatigue analysis. HyperLife Solver is now in the Mechanical Solver package. HyperLife Solver requires license feature HyperLifeSolver

Application	AUs	License Feature(s)	Description
			and follows the Solver In-App Licensing table for multi-core usage.
romAI	60	romAI	A library for the generation of dynamical ROMs (Reduced Order Models). The ROM can be created in Compose or Twin Activate using a builder app and the romAI can then be used in Twin Activate. The ActivateLicFreeExport feature is available on Managed license only.
SimLab with nanoFluidX Solver	Table	SimLabnanoFluidXSolver	License feature required when running nanoFluidX solver via SimLab. The unit draw depends on the use of GPU number(s). Reference the unit draw table of Licensing of GPU-based CFD Solvers.
Multiscale Designer	None		Multiscale Designer macro solver plugin for OptiStruct or Radioss.
	6	MDSPlugin	Multiscale Designer macro solver plugin for LS-DYNA and Abaqus.
	35	MDSPro	An efficient tool for development and simulation of multiscale material models of continuous, woven, and/or chopped fiber composites, honeycomb cores, reinforced concrete, soil, bones, and various other heterogeneous materials.
SimSolid	50	SimSolid	A structural analysis software for fast design iteration. It eliminates geometry simplification and meshing, enabling the analysis of fully featured CAD assemblies without meshing. Levels at first instance, stacks at second plus.

Application	AUs	License Feature(s)	Description
	75	SimSolidAdvanced	For fatigue, incremental non-linear, and batch mode.
SimLab Automation	40	SimLabAutomation	An add-on module in SimLab which helps to capture a process and rerun for same or similar models, including DOE studies.
C123	50	Altair_C123	Process driven suite of tools targeting automotive BIW structural concept optimization.
e-Motor Director	50	PSO_eMotorD	Address and optimize e-Motors against different requirements.
Multi-Disciplinary Optimization Director	60	PSO_MDO	Provides a highly automated, model centric user interface that significantly reduces setup complexity and setup time for MDO problems, without requiring perfect alignment across the attribute models. Altair Unit draw is 60 when Altair solvers are used.
	150	PSO_MDO_ExSlv	Provides a highly automated, model centric user interface that significantly reduces setup complexity and setup time for MDO problems, without requiring perfect alignment across the attribute models. Unit draw is 150 when non-Altair solvers are used.
Battery Damage Identifier	30, 50	PSO_BDI (50 AUs) BatteryDesignerRVE(30 AUs)	Battery Damage Identifier can predict the behavior of mechanically damaged batteries and modules, focusing on the modeling of the mechanical and electrothermal properties of its components. A multi-physics process was designed to identify the mechanical and electrothermal properties of the homogenized material, based on the detailed composition of the cell. It contains tools to

Application	AUs	License Feature(s)	Description
			evaluate adiabatic or quasi-static temperature distribution in damaged cells.

Altair CAE pre- and post-processing solutions allow access to several applications. The number of Altair Units (AUs) drawn by each application varies. The Altair License Manager remembers the highest watermark for an instance of HyperMesh, HyperGraph, HyperView, and MotionView when invoking from multiple sessions. For example, if HyperGraph is launched, first (6 AUs) are drawn, and if a HyperView window is added to the same session, the number of AUs increases from 6 to 21. Switching back to the HyperGraph window (with or without closing the HyperView window) keeps the total unit count at 21 AUs.

Inspire Family Unit Draw

A summary of the Altair Units (AUs) drawn by application.

The Inspire Family of applications provides integrated solutions for industrial design, rendering, concept design, design simulation, as well as manufacturing feasibility and process simulation.

First solver execution levels with the UI, second plus stacks AUs draw.

Application	AUs	License Feature(s)	Description
Inspire Studio	5	InspireStudio	Full-featured concept design modelling environment created specifically for industrial and product designers.
Inspire	15	Inspire InspireGeometry InspireMotion	Easy-to-use concept environment which empowers design engineers to leverage simulation and optimization throughout the design process. Including generative design, structural analysis, motion simulation, casting and stamping feasibility.
	15	InspireOSSolver	License feature is required when OptiStruct is used for structural analysis.
	15	InspirePrint3D	Set up model for Print3D. It takes 30 AUs and check out InspireMfgSolver license feature to run Solver.

Application	AUs	License Feature(s)	Description
	25	HyperStudy	For Design Explorer integrated in Inspire.
	30	Inspire	Enables SimSolid as structural analysis solver.
	30	InspireFluid	Assess fluid and thermal behavior early for faster, more informed product design cycles.
	30	InspireFluidsSolver	Enables the InspireFluids solver to be launched. See Solver section.
	30	InspireMfgSolver	Full-featured additive manufacturing module with support generation/ slicing, process simulation, for both SLM and Binder Sinter processes. This feature is used to run the Print3D solver.
	15	InspireMSSolver	Includes a basic set of MotionSolve functionalities for Inspire Motion-Designer. Follow the Solver In-App licensing mechanism and draw 15 AUs for any number of cores.
Sulis	15	Sulis	A design for additive manufacturing tool enabling fast geometry creation for complex lattice structures and fluid flow channels.
Inspire Form	15	InspireForm InspireGeometry	Invokes the Feasibility tab. A virtual environment stamping analysis based on part or tooling geometry. Thinning and formability issues, as well as estimated blank shape and maximize material utilization via blank fitting and nesting utilities can be evaluated. Forming feasibility via one-step solver.
	30	InspireFormIncr	Invokes the Tryout tab. A virtual environment stamping analysis based on part or tooling geometry. Thinning and formability issues, as well as

Application	AUs	License Feature(s)	Description
			estimated blank shape and maximize material utilization via blank fitting and nesting utilities can be evaluated. Forming feasibility via one-step solver. See Solver section.
	15	InspireOSSolver	License feature is required when OptiStruct is used for feasibility analysis.
	30	InspireRadiossSolver	Allows you to run incremental analysis using Radioss solver. See Solver section.
	15	Publish	The Report tools provide ways to publish reports in PowerPoint slides, Document and HTML formats. The first instance of Publish will be leveled with the base Inspire applications. Each subsequent job or a job run from a python command will draw an additional 15 AUs.
Inspire Cast	30	InspireCast InspireGeometry (15 AUs) InspireMfgSolver	A casting process simulation software that allows you to enhance and optimize their manufactured components with efficient mold design and process development.
Inspire Extrude Metal	30	InspireExtrude InspireGeometry (15 AUs) InspireMfgSolver	Metal extrusion simulation solution.
	15	InspireOSSolver	License feature is required as OptiStruct is used for structural analysis.
Inspire Extrude Polymer	30	InspireExtrude InspireGeometry (15 AUs) InspireMfgSolver	Polymer extrusion simulation solution.
Inspire Friction Stir Welding	30	InspireExtrude InspireGeometry (15 AUs)	Friction stir welding solution

Application	AUs	License Feature(s)	Description
		InspireMfgSolver	
	15	InspireOSSolver	License feature is required as OptiStruct is used for structural analysis.
Inspire Mold	30	InspireMold InspireGeometry (15 AUs) InspireMfgSolver	Injection molding simulation
	15	InspireOSSolver	License feature is required as OptiStruct is used for structural analysis.
Inspire Resin Transfer Molding	30	InspireExtrude InspireGeometry (15 AUs) InspireMfgSolver	Resin transfer molding simulation
	15	InspireOSSolver	License feature is required as OptiStruct is used for structural analysis.
Inspire PolyFoam	50	InspirePolyFoam InspireGeometry (15 AUs)	Polyurethane foam simulation. See Solver section.
	100	InspirePolyFoamSolver	

Standalone Applications Unit Draw

In addition to the applications listed above, there are several standalone applications that draw Altair Units. The following table is a summary of AUs drawn of those applications.

Application	AUs	License Feature	Description
EEvision	55	EEvisionPro	Online visualization platform for schematics of circuits, wiring harnesses, and components. Includes all plug-ins and add-ons.

Application	AUs	License Feature	Description
Embed Viewer	No	No	Read-only version of Embed.
Embed Basic*			*Replaced by Embed Personal Edition.
Embed eDrives	4	EmbedeDrives	A comprehensive set of motor control blocks covering AC Induction, BLDC, brushed, PMSM, and stepper motors for simulation, code generation, and HIL.
Embed Digital Power Designer	10	EmbedDigitalPower	Used for the design and development of digital power supplies and power conversion equipment. DPD is an Add-on for Embed.
Embed Simulation Edition	10	EmbedSimulation	Also known as EmbedSE, is a block diagram and state chart environment for modeling, simulation, analysis, and control system development. In addition to its simulation capabilities, it also supports real time data monitoring and control using National Instruments and other boards as well as OPC, CAN, UDP, Serial, and MQTT.
Embed	21	EmbedCodeGen	Also called Embed Professional, is an extension of EMBED Simulation Edition for model-based firmware development supporting all microcontrollers, and with enhanced support

Application	AUs	License Feature	Description
			for the following: Arduino®, ARM®-Linux® (Raspberry Pi™, AMD64, NVJetson/Nano), STMicroelectronics®, and Texas Instruments™.
ESAComp	6	ESAComp	Composite design software. AUs are stacked.
Flow Simulator	50	FSimGUI, FSimSolver	Integrated flow, heat transfer, and combustion design software that enables mixed fidelity simulations to optimize machine and systems design. GUI levels. First solver instance levels, second plus stacks.
HyperSpice	50	HyperSpice	Altair HyperSpice is an analog electronic circuit simulator. It features a command line tool reading input text files written in Spice syntax and a waveform viewer. Standalone SPICE circuit solver requires 50 AUs. AUs are stacked. See Solver section.
	30	HyperSpiceBasic	Basic standalone SPICE circuit solver has limit in number of circuit nodes First solver instance levels, second plus stacks. See Solver section.
	6	HyperSpiceViewer	Spice waveform viewer requires 6 AUs. AUs are leveled.

Application	AUs	License Feature	Description
Material Modeler	35	MaterialModeler	A material modeling software that allows you to quickly and accurately process raw test material data and generate required inputs for simulation-ready material cards for the nonlinear behavior of bulk materials like metals and plastics.
PollEx Logic/CAM	No	PollExEntity	Logic, CAM, BOM
PollEx PCB Modeler	10	PollExBasic	PCB Modeler (PCB, Real PCB Assembly Viewer, Cross Probe (CP), UPE (Unified Part Editor))
PollEx PCB Verification	30	PollExVerification	PCB Design for Manufacturing (DFM), Design for Assembly (DFA), Design for Electrical (DFE), Design for Electrical Plus (DFE +), Logic DFE.
PollEx PCB Verification Post-Processing	21	PollExPostVerification	PCB Design for Manufacturing (DFM), Design for Assembly (DFA), Design for Electrical (DFE), Design for Electrical Plus (DFE +), Logic DFE – Result visualization.
PollEx PCB Solver	30	PollExSolver	PCB Solvers for signal integrity, power integrity, thermal analysis.
PollEx MFG	30	PollExMFG	PollEx Manufacturing options
Altair UDE (formerly named PollEx UDE)	Feature-based server	PollExUDEServer	Feature-based license server with a fixed

Application	AUs	License Feature	Description
			annual per socket up to 50 users.
	4	PollExUDEUser	Additional checkout for each client access draws 4 AUs.
PSIM Power Supply	10	PSIMPowerSupply	PSIM is a Power Electronics simulation environment with digital and analog control, thermal loss models, battery, and photovoltaic models. Also includes Design Suites for Power Supply and EMI.
PSIM Code Generation	15	PSIMCodeGen	PSIM embedded code generation and target support for TI C2000 MCUs.
PSIM Interface	15	PSIMInterface	PSIM co-simulation interfaces with Simulink, JMAG, Modelsim, Twin Activate, Embed, and FMI.
PSIM Motor Drive	20	PSIMMotorDrive	Includes functionality of Power Supply along with PSIM machine and mechanical load models. Includes Design Suites for Motor Control and HEV.
PSIM Solver	15, Table	PSIMSolver	PSIMSolver is the new license feature introduced in 2025 for the Solver in PSIM. When a simulation is executed either from within PSIM GUI or from PSIM Solver (standalone), the

Application	AUs	License Feature	Description
			PSIMSolver license feature is required.
Pulse	30	Pulse	Orchestrates meaningful models from the broad workflows required to simulate complex systems of systems to the focused workflows needed to enable fast, reliable, and repeatable modeling, analysis, and optimization.
S-CONCRETE	10	SconcretePro, Sline, SconcreteEtabs, SconcreteEnt	Design and detail sections of reinforced concrete beams, columns, and walls or continuous concrete beams to meet regional design code requirements and generate customizable design reports. Includes S-CONCRETE and S-LINE.
S-FRAME	10	SframePro, SsteelPro, Spad, Icd, Sview, Scalc, SframeEnt, SsteelEnt	Structural analysis with integrated steel and concrete design solutions enabling structural engineers to model and perform linear or advanced non-linear analysis. Design steel and concrete members to meet regional code requirements, generate design reports, and calculate advanced section properties for non-standard sections. Includes S-FRAME Analysis, S-STEEL, S-PAD, ICD, and S-CALC.

Application	AUs	License Feature	Description
Structural Office	10	StimberPro, StimberCSA, StimberNDS, SfoundationPro, SfoundationACI, SfoundationCSA, SfoundationEURO, Scalc, StimberEnt, StimberAISC, StimberCSAS16, SfoundationEnt	Hybrid timber structural analysis with integrated mass timber and foundation design solutions enabling structural engineers to simulate hybrid timber structures constructed from mass timber, steel, and concrete. Design mass timber members and concrete foundations to regional design code requirements, generate design reports, and calculate advanced section properties for non-standard sections. Includes S-TIMBER, S-FOUNDATION, and S-CALC.
StarVision PRO	50	StarVisionPro	Debug solutions for advanced electronic SoC (System-on-chip). AUs are leveled.
	10	SpiceParser	Spice parser. AUs are leveled.
	10	RTLParser	RTL parser. AUs are leveled.
	10	NetlistParser	Netlist parser. AUs are leveled.
	20	SV_Skill_Export	Skill export. AUs are stacked.
	10	SV_WaveForm_Analog	Analog waveform viewer. AUs are leveled.
	10	SV_Parasitic	Parasitic analysis package. AUs are leveled.

Application	AUs	License Feature	Description
SpiceVision PRO	20	SpiceVisionPro	Creates schematics, circuit fragments and design documentation from Spice netlists. AUs are leveled.
	10	SpiceParser	Spice parser. AUs are leveled.
	20	SV_Skill_Export	Skill export. AUs are stacked.
	10	SV_WaveForm_Analog	Analog waveform viewer. AUs are leveled.
	10	SV_Parasitic	Parasitic analysis package. AUs are stacked.
GateVision PRO	20	GateVisionPro	Graphical gate-level netlist analyzer. AUs are leveled.
	10	NetlistParser	Netlist parser. AUs are leveled.
RTLvision PRO	25	RTLvisionPro	Visualization of large RTL designs including third-party IP and reused blocks. AUs are leveled.
	10	RTLparser	RTL parser. AUs are leveled.
	10	NetlistParser	Netlist parser. AUs are leveled.
OmniV	15	MBSE_omniV	OmniV empowers open model-based systems engineering (MBSE) practice across systems, simulation, test, product development, and controls engineering by formalizing the development,

Application	AUs	License Feature	Description
			integration, and use of models to inform enterprise and program decision-making.
FlightStream	50	FlightStream	A surface-vorticity, viscous-coupled panel solver for rapid aerodynamic simulation. Capable of modeling incompressible through hypersonic flows.

Batch Applications Unit Draw

Altair's CAE pre- and post-processing applications can run interactively or in batch mode.

In batch mode, the number of Altair Units (AUs) drawn depends on the number of batch applications running concurrently under the same user and same host.

Note: The unit decay for batch applications or BatchMesher is scaled differently than in solvers.

Unit Draw for BatchMesher in Batch Mode

The AUs drawn for running BatchMesher applications in batch mode are detailed in the table below.

BatchMesher Applications	AUs
1-8	21
9-16	40
17-32	50
33-64	60
65-128	70
129-256	80
257-512	90

BatchMesher Applications	AUs
>512	100

For example, 21 AUs are drawn when running up to 8 copies of BatchMesher in batch mode. If there are 9 copies of BatchMesher running, the total increases to 40 AUs.

Unit Draw for Altair's CAE Pre- and Post-processing Applications in Batch Mode

When HyperMesh, HyperView, HyperGraph, HyperLife, HyperMesh NVH, HyperMesh CFD (Pre-processing), MotionView and so on, are run in batch mode, the total AUs drawn are determined by the number of batch applications used to perform batch automation. The license feature, AutomationBatch, is required to run HyperWorks applications in batch mode. The details are in the table below.

Batch Applications	AUs
1	21
2	42
3-4	50
5-8	50
9-16	60
17-32	70
33-64	80
65-128	90
129-256	100
257-512	110
>512	120

Note: Under the same user and same host, the number of AUs required for batch automation will level against the units required to invoke HyperMesh, HyperView, HyperGraph, and MotionView applications interactively.

For example, when you launch HyperMesh in GUI mode, 21 AUs are drawn from the license pool. If you are on the same machine, also run a script to perform Geometry cleanup and report generation in batch mode. Even though the two batch applications require 42 AUs, the total units required for the entire process is 42 AUs due to the levelling mechanism.

Note: Batch application unit decay requires Altair License Manager v2026 or later. If an older version of Altair License Manager is used, the BatchMesher or batch application draws the maximum units listed in the above tables per user and host.

Solver Unit Draw

A description of the licensing for the solvers.

The following table lists all Altair solvers.

Solver Name	Functionality
AcuSolve	Finite-Element Navier-Stokes CFD Solver (includes AcuFwh, AcuTrace, AcuView)
EDEM	Discrete Element (DEM) Solver for bulk materials
Feko	High-frequency Electromagnetics Solvers (includes WinProp, and newFASANT)
Flux	Low-frequency Electromagnetics and Electromechanical Solvers
HyperForm	One Step Stamping Solver
Altair Manufacturing Solver	Manufacturing solvers including: Injection Molding, Metal Casting, Metal Extrusion, 3DP-SLM, 3DP - Sintering, and so on.
MotionSolve	Multibody System Solver
nanoFluidX	Smoothed Particle Hydrodynamics (SPH) Solver, GPU-based
OptiStruct	Structural and Multi-Physics Solver and Optimizer
HyperLifeSolver	HyperLife durability and fatigue analysis
Radioss	Explicit Structural and Multi-Physics Solver
ultraFluidX	Lattice-Boltzmann CFD Solver, GPU-based

In applications where solvers are an integral part of the solution, the unit draw is determined by the GUI application. These applications are Inspire, ElectroFlo, PollEx PCB, Seam, SimLab, and SimSolid. The unit draw is documented in sections Pre-Post Applications Unit Draw, Inspire Family Unit Draw, and Standalone Applications Unit Draw above.

GPU-based CFD solvers nanoFluidX and ultraFluidX are licensed based on the number of GPUs used per job.

The solvers AcuSolve, EDEM, Feko (including WinProp, and newFASANT), Flux, HyperForm (only InApp), HyperLife Solver, Manufacturing Solver, MotionSolve, OptiStruct, and Radioss are licensed in two ways:

- In-App Licensing

- HPC Licensing

Solver In-App Licensing

In-App licensing draws Altair Units per job. The number of Altair Units required to run solver jobs varies depending on the number of the CPU cores and GPU cards, and how many jobs are running concurrently.

Solvers started from inside EDEM, Feko (including WinProp, and newFASANT), Flux, HyperForm, HyperXtrude, HyperMesh, HyperWorks, MotionView, and SimLab use In-App licensing.

GPU acceleration is implemented for AcuSolve, EDEM, Feko, and OptiStruct. For AcuSolve, Feko, and OptiStruct, one GPU card is counted as four additional CPU-cores; for EDEM, one GPU card is counted as 16 CPU cores. For example, if running an OptiStruct job using 4 cores plus 1 GPU, it will be considered as 8 cores.

Number of Cores	**Flux2DSolver FluxMotorFlux2DSolver SimlabFlux2DSolver PSIMSolver***	**AcuSolve, AltairMfgSolver, FekoSolver, FluxSolver, FluxPEECSolver, HyperFormSolver, HyperLifeSolver MotionSolve, OptiStructFEA, Radioss, SimLabXXXSolver**, WinPropSolver**	**EDEMSolver, HyperSpiceSolver, MotionSolve (w/ optimization), OptiStruct**
1-4	15	30	50
5-8	20	35	55
9-16	25	40	60
17-32	30	50	70
33-64	40	60	80
65-128	50	70	90
129-256	60	80	100
257-512	70	90	110
513-1024	80	100	120
Each duplication	+10	+10	+10

**SimLabXXXSolver refers to Altair Solvers run within SimLab: Feature includes: SimLabAcusolveSolver, SimLabElectroFloSolver, SimLabFluxSolver, SimLabMfgSolver, SimLabOptistructSolver, SimLabRadiossSolver, SimLabFluxPEECSolver, SimLabEDEMSolver, and SimLabFekoSolver.

On top of the primary license draw, a decay function is implemented. The decay reduces the total license draw, if multiple jobs of the same solver are running concurrently off the same license server. The decay factor is a multiplier applied to the regular license draw of a solver job. See table below.

Once a job has finished, the next job will backfill into the vacated slot and the same multiplier is applied as for the previous job. Once a job has started, the checked-out unit amount for that job will not change.

In addition to the unit draw of solvers during runtime, AcuPrep, Feko, Flux, OptiStruct, and Radioss Starter check for the existence of a license during initial check and preparation runs. These license checks do not draw any units.

When code generation from MotionSolve models is requested, during runtime MotionSolve performs a license check for MotionSolveCodeGen in addition to its standard unit draw. This license check does not consume any additional units.

Job Number	Decay Factor
1	1.0
2...10	0.9
11...20	0.8
21...30	0.7
31...40	0.6
41...50	0.5
50+	0.4

***For Flux2DSolver, FluxMotorFlux2DSolver, SimlabFlux2DSolver, and PSIMSolver**

Job Number	Decay Factor
1	1.0
2...4	0.1334
5...29	0.0667
30...35	0.05
36...70	0.0475
70+	0.0296

In-App licensed solvers level or stack AUs according to the following rules:

- At the first invoke of a solver, the AUs level against applications already running on the same machine.
- At the first invoke of a different solver, the units level.
- Launching additional jobs of a solver already running, stacks the additional units.
- When the leveled job finishes, the next invoke levels again.
- Stacked jobs continue to stack after the leveling job has finished.

For example, if you launch HyperMesh first (21 AUs), and then launch Radioss (30 AUs), 30 AUs will be drawn. If the same user on the same machine adds an OptiStruct job (50 AUs requested), the total units drawn is 50 AUs due to leveling. If you now add a second OptiStruct job, the total units drawn will only be increased to 95 AUs (1.0*50+0.9*50 AUs).

Solver HPC Licensing

The Solver HPC license draws units on a per-CPU core basis. The unit draw is determined by the total number of cores for a solver according to a lookup table.

HPC Licensing applies in all situations where a solver is not started from inside an Altair GUI application and a SolverHPC license feature is present.

Note: Solver HPC Licensing is only available to qualified customers. Contact the appropriate Account representative for additional details.

The following table applies to the license features: AcuSolve, AltairMfgSolver, EDEMSolver, FekoSolver (including WinPropSolver), FluxSolver, FluxPEECSolver, HyperFormSolver, HyperLifeSolver, MotionSolve, OptiStructFEA, and Radioss. If OptiStruct runs an optimization (OptiStruct license feature), the draw per core is multiplied by 1.5 for a given job. Each license feature follows its own core count. This unit draw stacks. HyperSpice and MotionSolve draw per core is also multiplied by 1.5.

GPU acceleration is implemented for AcuSolve, EDEM, Feko, and OptiStruct. For AcuSolve, Feko, and OptiStruct, one GPU card is counted as four additional CPU-cores; for EDEM one GPU card is counted as 16 CPU cores.

Number of Cores	Draw per Core	Cumulative Draw Range*
1-4		30.00
5-36	1.60	31.60 - 81.20
37-70	0.80	82.00 - 108.40
71-200	0.60	109.00 - 186.40
201-400	0.40	186.80 - 266.40
401-800	0.30	266.70 - 386.40
801-1600	0.20	386.60 - 546.40

Number of Cores	Draw per Core	Cumulative Draw Range*
1601-3200	0.15	546.55 - 786.40
3201-6400	0.10	786.50 - 1106.40
6401-10000	0.05	1106.45 - 1286.40
>10000 (20000)	0.04	>1286.40 (1686.40)

*There may be slight variations due to numerical round-off.

For example, if three simultaneous Radioss jobs are running requiring a total of 48 CPU cores, the total unit draw will be 90.8 (= 30 + 32x1.6 + 12x0.8).

In addition to the unit draw of solvers during runtime, AcuPrep, Feko, OptiStruct, and Radioss Starter check for the existence of a license during initial check and preparation runs. These license checks do not draw any units.

Leveling of interactive applications is not affected. For example, a user on a workstation uses HyperMesh, HyperView (21 AUs leveled) plus two 4-core OptiStructFEA (36 AUs), a (maximum) total of 57 AUs is drawn.

PSIM Solver Unit Draw

The Solver HPC license draws units on a per-CPU core basis. The unit draw is determined by the total number of cores for a solver according to a lookup table.

The following table applies to the license feature for PSIM Solver:

Number of Cores	Draw per Core	Cumulative Draw Range*
1-4		15.00
5-36	1.60	16.60 - 66.20
37-70	0.80	67.00 - 93.40
71-200	0.60	94.00 - 171.40
201-400	0.40	171.80 - 251.40
401-800	0.30	251.70 - 371.40
801-1600	0.20	371.60 - 531.40
1601-3200	0.15	531.55 - 771.40
3201-6400	0.10	771.50 - 1091.40
6401-10000	0.05	1091.45 - 1271.40

Number of Cores	Draw per Core	Cumulative Draw Range*
>10000	0.04	1271.44 - and higher

Modified Solver Licensing

A description of modified licensing for the solvers.

The Altair License Manager allows modifying license behavior through the configuration file `altair-serv.cfg`. Solver licensing is controlled by the license features SolverHPC and SolverInApp. Default behavior as described is assumed without either of these features being modified via the configuration file. Should the features be altered in the configuration file or license, the behavior in the following table applies.

SolverHPC	SolverInApp	Behavior
Yes	Yes	In-App from GUIs, Elsewhere HPC.
Yes	No	HPC only.
No	Yes	In-App where HPC licensing denied.
No	No	In-App only.

Licensing of GPU-based CFD Solvers

A description of GPU-based licensing for CFD solvers.

The CFD solvers nanoFluidX and ultraFluidX are a direct GPU implementation and draw Altair Units per job based on the number of GPUs.

GPU	nanoFluidX	ultraFluidX
1	25	50
2	50	100
3-4	100	150
5-8	150	200
9-16	200	250

GPU	nanoFluidX	ultraFluidX
Each duplication	+50	+50

DSim Licensing

The DSim Solver license draws units on a per-CPU core basis. The unit draw is determined by the total number of cores for all concurrent solver instances according to a lookup table.

The following table applies to the DSim license feature:

Number of Cores	Draw per Core
1-128	10
> 129	5

The free version of DSim Desktop for single core usage continues to exist, still using the legacy licensing. This will be moved to Altair feature based licensing after the 2025 release.

Special CAD Reader Licenses

CATIA V5 reader for HyperMesh requires a feature based CatiaV5Reader license feature.

License Environment Variable Setting

Note: This setting only applies to on-premises licensing.

The environment variable ALTAIR_LICENSE_PATH is used to point to the license file or server.

ALTAIR_LICENSE_PATH must point to a valid local license file or to a network license server in the form of port@servername, for example, 6200@licsrver.

In the past, the environment variable was either LM_LICENSE_FILE or ALTAIR_LM_LICENSE_FILE.

Compatibility

Note: The information in this section only applies to on-premises licensing.

Altair License Manager 2026 (and updates) is required for Altair 2026 and its updates.

HyperWorks 9.1, 10.1, 11.0, 12.0, 13.0, 14.0, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025 as well as 2026 are compatible with Altair License Manager 2026. Refer to the documentation included with the Altair License Management System 2026 package (and updates) for details on how to set up the new license server and other information.

Project Tracking

All applications using the licensing system have the added capability to log a project string on the server during license checkouts.

This feature allows individual checkouts to be tracked. This is achieved by setting the environment variable ALM_PROJECT to a string. ALM_PROJECT has a maximum length of 30 characters and may be composed of the following valid characters:

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

a b c d e f g h i j k l m n o p q r s t u v w x y z

0 1 2 3 4 5 6 7 8 9 . _ -

additionally:

{ } / \ < > ( ) ` ' : ? | [ ] * & ^ $ # @ ! ~ + =

double quotes '"' and anything outside of the range above, including non-printing characters are allowed, but will be URL encoded in the server log files.

Altair Units and Managed Altair Licensing

Altair provides a cloud-based license server solution known as managed Altair Licensing. This allows customers to use either/or a traditional on-premises license server or an Altair server managed via Altair One. Altair One is Altair's global customer portal.

Managed Altair Licensing is a cloud-based licensing system. As long as you have internet access, the units can be used to run all applications. There is no VPN necessary.

A client computer and/or individual user is authorized to use an accounts license. Typically, an individual user will authorize their own machine and user/login account. A single machine that is shared by multiple users may either have multiple authorizations for each user or if done by an admin, a single machine can have ALL users authorized.

The primary differences between these two authorization schemes are for accounting and management purposes. If an individual authorizes a machine, that machine may be de-authorized just for that individual, leaving other users authorized. When the machine uses a 'system wide' authorization, the entire machine may be de-authorized by simply de-authorizing the system wide authorization.

The primary use case for a system wide authorization is for compute clusters. It is not known at authorization time what machines in the cluster a particular user may end up on at run-time, and so on. So, the admin authorizes the entire machine for all users. The usage `.log` files will still record the username, but the authorization will be for all users.

Set up the Managed Altair Licensing System

In order to use the managed Altair Licensing system you must first have a valid Altair One (https://altairone.com/) user account, and your account (your company's account) must have purchased and enabled Altair Units. Check with your administrator if needed.

Once you have a valid Altair One account, you should be able to see the Altair Units from the dashboard available from the Manage License menu in Altair One. There are both administrative functions (if you are one of your company's designated admins) and user functions. This section describes the typical user functions. The two main functions are authorizing a machine to use Altair Units and checking on current usage.

In order to utilize your purchased units, each machine you wish to use your units from must be authorized prior to running any client applications. This can be done in two different ways. The default method to access an Altair license is directly from the application License Setup dialog available in HyperWorks, the Inspire Suite, SimLab, and SimSolid. For other applications, the Altair License Utility is used.

Access Managed Altair Licensing from the License Setup Dialog

1. Open the License Setup dialog using one of the following options:

- If you have configured your license, navigate to **File > Licensing**.

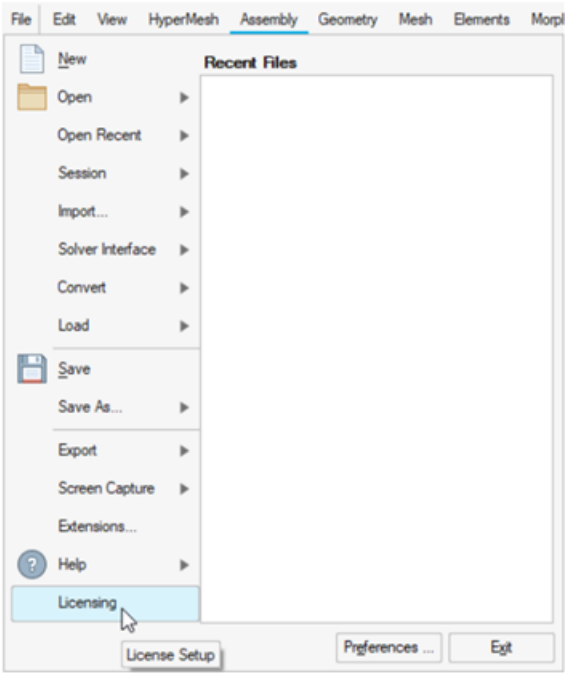


Figure 1:

- If you have not configured your license, the License Setup dialog shown in the next step displays automatically when you start the application.

2. In the License Setup dialog, enter your Altair One credentials (**Username** and **Password**) under the Managed on Altair One section.

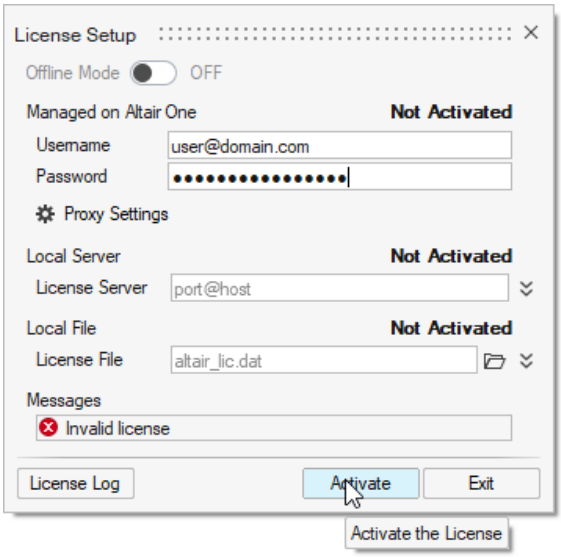


Figure 2: License Setup Dialog

3. Click **Activate**.

Access Managed Altair Licensing from the Altair License Utility

Tip: If you have HyperWorks, any product of the Inspire Suite, SimLab, or SimSolid installed on your machine, use the method (License Setup dialog) described in the previous section.

1. Start the **Altair License Utility**.
   - On Windows, this is located in the start menu under Altair 2026.

     You can also start it directly from:

     `<ALTAIR_INSTALL_PATH>\security\bin\win64\gui\almutil_gui.exe` (usually `C:\Program Files\Altair\2026\security\bin\win64\gui\almutil_gui.exe`).
   - On Linux, you can start it directly from:

     `<ALTAIR_INSTALL_PATH>/altair/security/bin/linux64/gui` (by default `/root/2026/altair/security/bin/linux64/gui`).
2. Click the **Managed Licensing** tab.
3. In the Authorization section, enter your Altair One credentials (E-mail Address and Password).
4. Click **Sign In**.

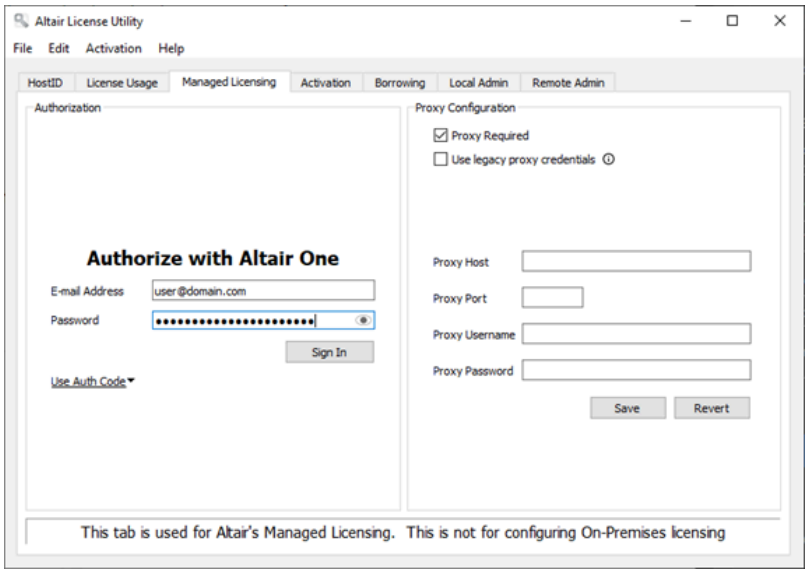


Figure 3:

A message displays that the authorization was successful.

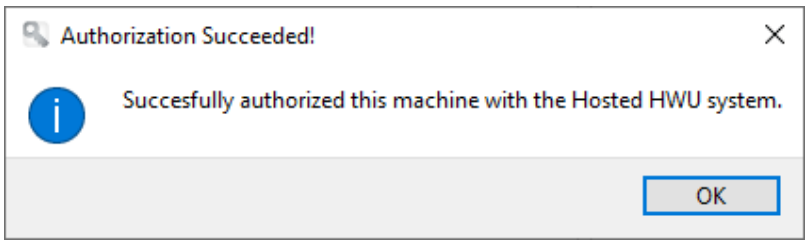


Figure 4:

5. Click **OK**.
6. Close the Altair License Manager Utility.

Important: If you have ALTAIR_LICENSE_FILE set or a local, nodelocked license file in the default security location, then those are used first before trying managed Altair Licensing. If you want to change that, set ALM_HHWU=T in your environment variables. This informs the client to not try using LM-X first, and only use managed Altair Licensing. In contrast, if you set ALM_HHWU=F, then the opposite occurs. Clients only use LM-X and do not use managed Altair Licensing even if authorized. If not set at all, then the default is to try LM-X then managed Altair Licensing. You cannot change that order.

Managed Altair Licensing System Advanced Settings

There are many advanced settings that may be useful for managed Altair Licensing. Many consist of setting environment variables to change behavior or running almutil to change settings.

If you have a shared home directory on multiple machines, you may have multiple config files. Each one will be in a separate directory under `.altair_licensing` in your home directory.

Location of the managed Altair Licensing config file on supported platforms is as follows:

(~ is your home directory and HOSTNAME will be replaced with the actual HOSTNAME of each system authorized)

Platform
Default Location

Windows
`C:\Users\<USERNAME>\AppData\.altair_licensing\<HOSTNAME>\altair_hostedhwu.cfg`

Linux
`~/.altair_licensing/<HOSTNAME>/altair_hostedhwu.cfg`

Connect to the On-Premises Altair License Manager

Note: The information in this section only applies to on-premises licensing.

The appropriate environment variable to point to either the license file or the license server must be set. The name of the variable is ALTAIR_LICENSE_PATH. It has to point to a file for a node-locked license or to a network license server in the simple form of port@hostname.

Refer to the Altair License Manager documentation for more details.

Multiple License Servers or a HAL Configuration Setup

Your site may have more than one license server or have a High Availability (HAL) setup. These two cases require different settings for the ALTAIR_LICENSE_PATH variable.

Multiple License Servers	In the case of multiple license servers, each application must obtain all of the features from the same server to succeed. The servers are searched in the order they are listed. For multiple servers, use the form port@host;port@host;port@host... on Windows and use the form port@host:port@host:port@host... on Linux. The difference being the separator, a semicolon on Windows and a colon on Linux.
HAL Configuration	For a HAL configuration simply use the multi host format, being sure to specify only three hosts. For example, ALTAIR_LICENSE_PATH=6200@host1;6200@host2;6200@host3

Set Licensing via the Installer on Windows

During the initial installation, you are given the option of setting a license file or server in a license panel.

Set licensing via the installer.

- Type the `port@host` of the license server.
- Type the full path to the license file.
- Click the **Choose ...** button to browse to the location of your license.

Set Licensing using ConnectMe

ConnectMe allows users to set licensing by a Settings panel. In ConnectMe:

1. Click **Settings**.
2. Click the **Licensing** tab.

3. Set the License via one of the following
   - Type the `port@host` of the license server.
   - Type the full path to the license file.
   - Click the **Folder** icon to browse to the location of your license.

Set ALTAIR_LICENSE_PATH on Windows

Instructions for setting up the ALTAIR_LICENSE_PATH on Windows.

1. From the Start menu, select **Control Panel**.
2. Select **System and Security** > **System** > **Advanced system settings**.
3. Select the **Advanced** tab.
4. Click **Environment variables**.
5. Under User Variables, select or create ALTAIR_LICENSE_PATH.
6. For Value: enter the port@host of your license server or the complete path and filename to the license file.

> **Tip:** To set the environment variables for a particular session, at the DOS prompt, type `SET <environment_variable>=<value>`

Set ALTAIR_LICENSE_PATH on Linux

Commands used to set up environment variables from the current terminal shell.

1. For C shell:

```
setenv <environment_variable> <value>
```

2. For Korn shell, Bourne or BASH shell:

```
export <environment_variable>=<value>
```

Global Licensing

Global licensing restricts client usage to the appropriately licensed Global Zone. There are three Global Zones defined by Altair.

Note: Multi-zone Licensing is only available to qualified customers. Contact the appropriate Account representative for additional details.

Global Zones Definition

- American Global Zone (AM): This global zone covers the area between Hawaii and Iceland, including North and South America.

  GMT-12 < Local time < GMT
- European Global Zone (EU): This global zone covers Europe, the Middle East, and Africa.

  GMT <= Local time < GMT + 4
- Asia Pacific Global Zone (AP): This global zone covers Asia Pacific (India, China) and Australia.

  GMT +4 <= Local time <= GMT + 12

Global License Features

The older PartialGlobalLicense and FullGlobalLicense or GlobalGridWorks will be replaced by the following features. All client applications will check out the feature that is pertinent to the global zone where the application is running.

- GlobalZoneAM allows license usage in the American Global Zone (AM).
- GlobalZoneEU allows license usage in the European Global Zone (EU).
- GlobalZoneAP allows license usage in the Asia Pacific Global Zone (AP).

When an Altair licensed client application begins execution, it attempts to check out the following three features if it is pointed at a network license server:

- GlobalZoneXX (quantity as shown in table*1000)
- Altair HyperWorks product feature (quantity as shown in table*1000)
- Application feature (name of application, quantity as shown in table*1000)

All three of these checkouts must succeed in order to be properly licensed. All of them must also be fulfilled from the same license server. You may not split checkouts across multiple servers.

When running the following solvers in batch mode, the GlobalZone license feature is not checked out:

- OptiStruct
- Radioss
- Flux
- Feko
- AcuSolve
- Altair Manufacturing Solver
- MotionSolve

- EDEM

Valid Environment Variables for Controlling Licensing Behavior

Name	Possible Settings
`ALM_HHWU`	Controls where the application will search for licenses. Unset, the application will try On-Premises server then Altair Units (if the machine is authorized). Set to "T" will only use Altair Units. Set to "F" will only use On-Premises Server.
`ALM_HHWU_CONFIG`	Overrides the default directory for storing the Altair Units config file.
`ALM_HHWU_USE_WININET` (Windows Only)	The default proxy information (if required) is stored in the Altair Units config file. Setting this variable to "T" allows the applications to use the Windows Global proxy settings and supports interactive password prompts, and so on. Recommended only for GUI applications. Batch (solvers) should not have this set in their environments.
`ALTAIR_LICENSE_PATH`	Set to point to On-Premises license server or NodeLocked license. Do not set if you only want to use Altair Units.

In order to use a Proxy Server with Altair Units you can use almutil to set the appropriate settings. Open a command shell and execute almutil with the appropriate options to setup the Proxy according to your network configuration. The available options relevant to configurating Altair Units are shown below:

Usage: almutil [option]

-hhwuauth [-system -code <code>]
Authorize with the Altair Units system.
`-system` will set system-wide authorization.
`-code` the authorization code you receive from the web portal

-proxy [-system -host <host> -port <port> -user <user> -passwd <passwd>]
Configure proxy settings for use with the Altair Units system.
Optional parameters `-host`, `-port`, `-user`, and `-passwd` can be given on the command line.
The `-passwd` option can be given without an argument to avoid passing a password on the command line. In this case you will be prompted for input.
`-system` will configure the system wide proxy settings
You must be an administrator to use `-system`

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Altair® Flux® ©1983-2025

Altair® FluxMotor® ©2017-2025

Altair® GateVision PRO™ ©2002-2025

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