



# ALTAIR PARTNER ALLIANCE

**YOUR ALL ACCESS PASS TO  
UNLIMITED EXPLORATION**

Learn more at [altair.com/APA](https://altair.com/APA)

**Additive Manufacturing**

3DXpert DfAM, 3DXpert, Amphyon (Oqton)\*  
3-matic (Materialise)

**Collaboration and Automation**

Synera (Synera GmbH)

**Composites**

Advanced Cure Simulation (LMAT)\*  
CONVERSE (PART Engineering GmbH)\*  
LAP & CoDA (Anaglyph)  
QSD® (Cetim)\*  
TaniqWind® Design (TANIQ BV)  
VABS™ (Analyswift)\*

**Crash and Safety**

FE Dummy Models (Humanetics)  
RailSafe Dummy (GRM Consulting)  
Simcenter Madymo™ (Siemens)

**Design**

CADdoctor (Elysium)\*  
EikoTwin DIC, EikoTwin Lite (EikoSim)\*

**Durability**

FEMFAT (Magna Powertrain)\*  
nCode DesignLife (Hottinger Brüel & Kjær)\*  
LW Finder (LW Engineering Software AB)\*  
S-Life FKM, S-Life Plastics (PART Engineering GmbH)\*

**Dynamic Analysis**

ChassisSim (ChassisSim)\*

**Electromagnetics**

µWave Wizard™ (Mician GmbH)\*  
CHAMP3D, ESTEAM, GRASP, POS, QUPES,  
SATSOFT (TICRA)

**Electronic**

Cady (CADY Solutions Ltd.)  
SmartCtrl (Power Smart Control)

**Fluids & Thermal**

AVL FIRE™ M (AVL)\*  
Barracuda Virtual Reactor (CPFD Software)  
CFD Toolbox (QuickerSim)\*  
TAItherm™ (ThermoAnalytics, Inc.)\*

**Manufacturing**

AFDEX (MFRC, Inc.)\*  
CADMOULD, VARIMOS, VARIMOS Real (SIMCON)  
Good Guys' Index, NovaFlow&Solid™ (NovaCast)\*  
Morfeo (Cenaero)  
veoCAST (Teraport GmbH)

**Material Information**

Workgroup Material DBPro (Matereality)  
Total Materia (Total Materia)

**Multi-Body Dynamics (MBD)**

ISVPG (Applus IDIADA)  
PM-FlexTire (Pratt Miller Engineering)\*  
XenomatiX Road Data (XenomatiX)\*

**Noise, Vibration, and Harshness (NVH)**

AdaptoSim for Altair (Fraunhofer LBF)  
AlphaCell (Matelyst)  
AVL EXCITE™ Acoustics (AVL)\*  
Coustyx (ANSOL)  
EFEA (Michigan Engineering Services)  
Insight+ (VI-grade GmbH)

**Optical Design**

OSLO, TracePro® (Lambda Research Corporation)\*

**Optimization**

RAMDO (RAMDO Solutions)\*

**Robotic Process Automation**

AmdoSoft/b4 (Amdosoft Systems)

**Structural Analysis**

Cobra (Cetim)\*  
Irazu (Geomechanica Inc)  
MAESTRO (MAESTRO Marine)  
Weight Data Tool (TGM Lightweight Solutions GmbH)

**System Modeling**

AVL CRUISE™ M (AVL)\*  
CosiMate (Chiastek)  
DSHplus (Fluidon)\*  
MapleSim™, Maple™, Maple Flow (Maplesoft)

**Time Series Analysis**

TIM Studio (Tangent Works)  
Upalgo Labeling (Ezako)

**Virtual Reality**

Share & Viz (TechViz)

\*Partner products that are also available in Altair's Global Academic Program.

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WE BELIEVE ENGINEERS AND DESIGNERS SHOULD HAVE AN ALL ACCESS PASS TO THE BEST TECHNOLOGY, WHETHER OURS OR OUR PARTNERS. BECAUSE ACCESS TO THE BEST TECHNOLOGY FOSTERS A SPIRIT OF INNOVATION, DRIVING US TO REALIZE A SMARTER, MORE CONNECTED FUTURE.

## ONE PLATFORM. ONE LICENSE. ONE SOURCE. ALL ACCESS.

We created the Altair Partner Alliance (APA) with one goal in mind... provide our customers easy, on-demand access to a broad spectrum of third-party software products, using our revolutionary software licensing system at no additional cost.



### MORE VALUE FROM YOUR UNITS

Increase ROI and utilization from your existing pool of Altair Units.



### EASY ACCESS

Zero incremental cost.  
Simplified IT management.



### ON-DEMAND SOLUTION

180+ applications under one licensing platform.

#### APA Delivers Exceptional Value

APA products are available through Altair Units. This constantly growing portfolio extends customers' simulation and design capabilities to help create better products faster. They benefit from unmatched flexibility and access, resulting in maximum software utilization, productivity and return on investment (ROI).





We use Altair technology and nCode DesignLife to virtually test the component to determine the durability in a short period of time. We also achieve cost savings, weight savings and ease of manufacturing/assembly by developing different concepts that suit our requirements.”

Larson Lawrence, Engineering Specialist, IVECO Australia

### A Mark of Quality Consistent with Altair Solutions

We apply great care in developing the APA and introducing new technology into the product ecosystems. Partner products offer strong, unique technology that are often designed for very specialized, niche applications.

We apply the following criteria when adding partners and products to the APA.

- High-quality and high-standard technology
- Relevant to our customer base
- High-integrity, professional, and dedicated company



### Extend Your Simulation and Design Capabilities

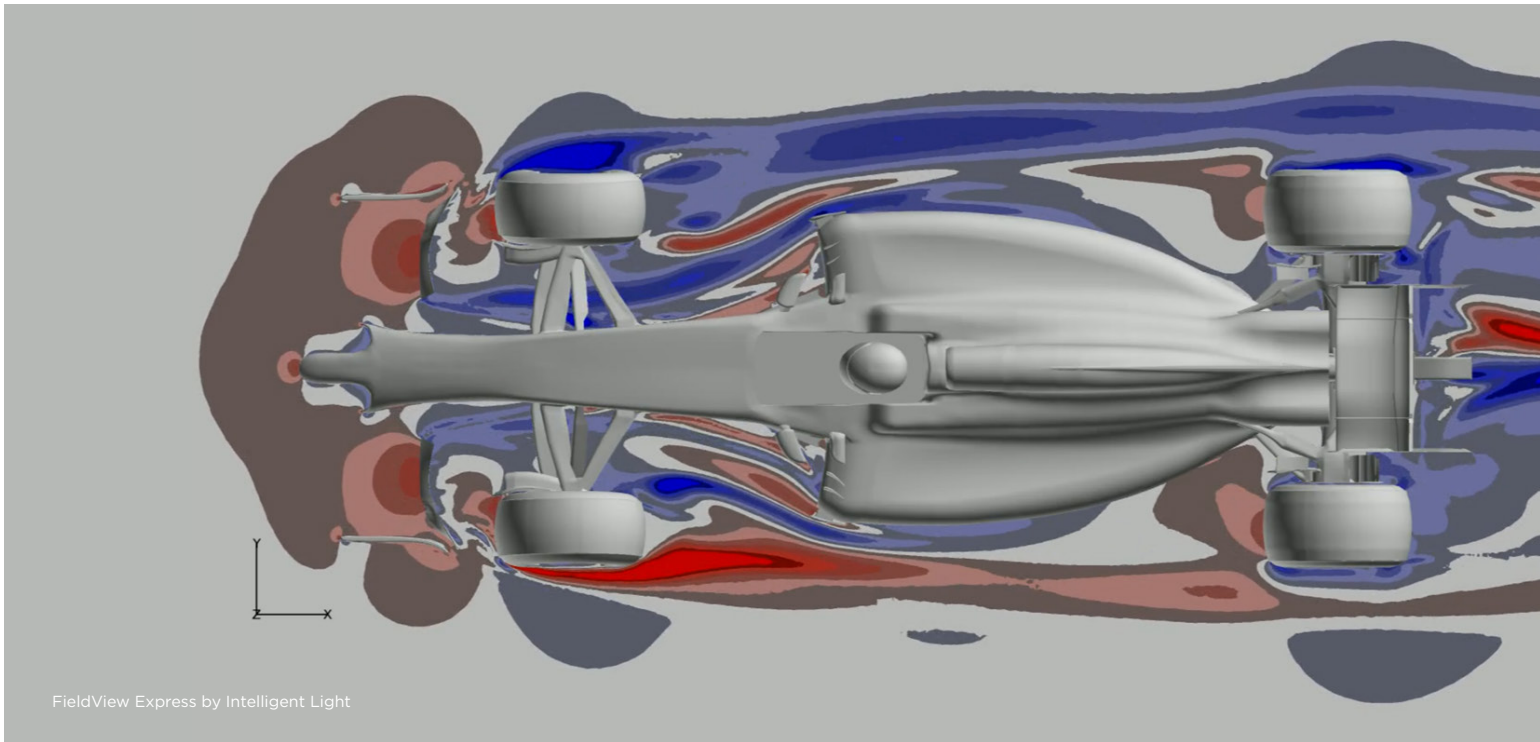
APA partner products include applications specific to industry verticals including marine, automotive, aerospace, chemicals, and architecture. More than 60 software applications including technologies ranging from data analytics, computational fluid dynamics (CFD) and fatigue, to manufacturing process simulation and human modeling.

Exciting partnerships help you build better products faster through the convenience of a single centralized source – the APA.

- Reduce costs by using the additional solutions already available to you
- Continuously increase your ROI with on-demand access to complementary applications
- Eliminate the hurdles that prevent you from acquiring new technology
- Explore, evaluate, and deploy new software without the risk
- Reduce infrastructure and avoid administrative costs
- Simplified access from a single centralized source
- The convenience of online training, remote licenses
- Direct support from the software experts

Download and use partner applications on-demand, just as you do with Altair products. APA partner solutions are available through the Data Analytics, Mechanical Engineer and the Multiphysics/Mechatronics Engineer (MME) and Enterprise suites under the Altair Units license groups.





We have also benefited greatly from the Altair Partner Alliance because it gives us access to additional products at no additional cost and helps us to reduce development time. These benefits we can pass on to our customers.”

Adrian Chappel, Analysis Supervisor, ThyssenKrupp Tallent Ltd. U.K

**60+**

ACTIVE PARTNERS GLOBALLY

#### **APA and Education**

The APA for education is designed to help students and educators build a better tomorrow. Together with Altair, APA partners offer solutions that help close the skills gap and empower the next generation of designers, engineers and critical thinkers.

**78+**

AVAILABLE PRODUCTS

As part of the APA education program, APA solutions are available for students and educators in universities globally. APA partners offer support in the form of access to free software, learning, certification, sponsorships, teaching material, curriculum partner program, and more.

**2000+**

CUSTOMERS WITH  
APA ACCESS

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**97%**

OF APA CUSTOMERS WOULD  
RECOMMEND TO OTHERS



Altair is a global leader in computational intelligence that provides software and cloud solutions in simulation, high-performance computing (HPC), data analytics and AI. Altair enables organizations across all industries to compete more effectively and drive smarter decisions in an increasingly connected world – all while creating a greener, more sustainable future.

To learn more, please visit [altair.com](https://www.altair.com)