



ALTAIR PARTNER ALLIANCE

**YOUR ALL ACCESS PASS TO
UNLIMITED EXPLORATION**

Learn more at altair.com/APA

Additive Manufacturing

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

Collaboration and Automation

Synera (Synera GmbH)

Composites

Advanced Cure Simulation (LMAT)*
 CONVERSE (PART Engineering)*
 KTex Family (CEDREM)*
 LAP & CoDA (Anaglyph)
 QSD® (Cetim)*
 TaniqWind® Design (TANIQ)
 VABS™ (AnalySwift)*

Fluids & Thermal

AcuNexus™ (Novus Nexus™)*
 AVL FIRE™ M (AVL)*
 Barracuda Virtual Reactor (CPFD)
 CFD Toolbox (QuickerSim)*
 FieldView Express (FieldView CFD)
 LOGEresearch, LOGEengine (LOGE AB)*
 TAITherm™ (ThermoAnalytics, Inc.)*

Crash and Safety

FE Dummy Models (Humanetics)
 Simcenter Madymo™ (Siemens)

Data Analytics & AI

AmdoSoft/b4 (AmdoSoft)
 TIM Studio (Tangent Works)
 Upalgo Labeling (Ezako)

Design

CADdoctor (Elysium)*
 EikoTwin DIC (EikoSim)*
 Irazu (Geomechanica)
 RAMDO (RAMDO Solutions)*

Durability

FEMFAT (Magna Powertrain)*
 nCode DesignLife (HBM Prenscia)*
 LW Finder (LW Engineering)*
 S-Life FKM (PART Engineering)*
 S-Life Plastics (PART Engineering)

Dynamic Analysis

ChassisSim (ChassisSim Technologies)*

Electromagnetics

μWave Wizard™ (Mician)*

Human Modeling

HUByx (CEDREM)*

Manufacturing

AFDEX (MFRC, Inc.)*
 CADMOULD and VARIMOS (SIMCON)
 Design Profit® (Munro & Associates)
 Good Guys' Index (NovaCast)
 NovaFlow&Solid™ (NovaCast)*
 Morfeo (Cenareo)
 VARIMOS Real (SIMCON)

Material Information

Matereality Workgroup Material-DatabasePro (Matereality)
 MCalibration (PolymerFEM)
 PolyUMod (PolymerFEM)
 Total Materia (Key To Metals)

Noise, Vibration, and Harshness (NVH)

AdaptoSim for Altair (Fraunhofer)
 AlphaCell (MATELYS)
 AVL EXCITE™ Acoustics (AVL)*
 Coustyx (ANSOL)
 EFEA (MES)
 Insight+ (VI-grade)

Optical Design

TracePro® (Lambda Research Corporation)*

Structural Analysis

CAE Handbook (ESRD)
 Cobra (Cetim)*
 MAESTRO (MAESTRO Marine)
 Weight Data Tool (TGM Lightweight Solutions GmbH)

System Modeling

AVL CRUISE™ M (AVL)*
 CellMod™ and BasicPackMod (Sendyne)
 CosiMate (Chiastek)
 DSHplus (Fluidon)*
 MapleSim™ and Maple™ (Maplesoft™)
 Maple Flow (MapleSoft)
 XLDyn™ (XLDyn)*

Systems Simulation

ISVPG (Applus+ IDIADA)
 PM-FlexTire (Pratt Miller)*
 Vortex® Studio Create (CM Labs Simulations)
 XenomatiX Road Data (XenomatiX)*

*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

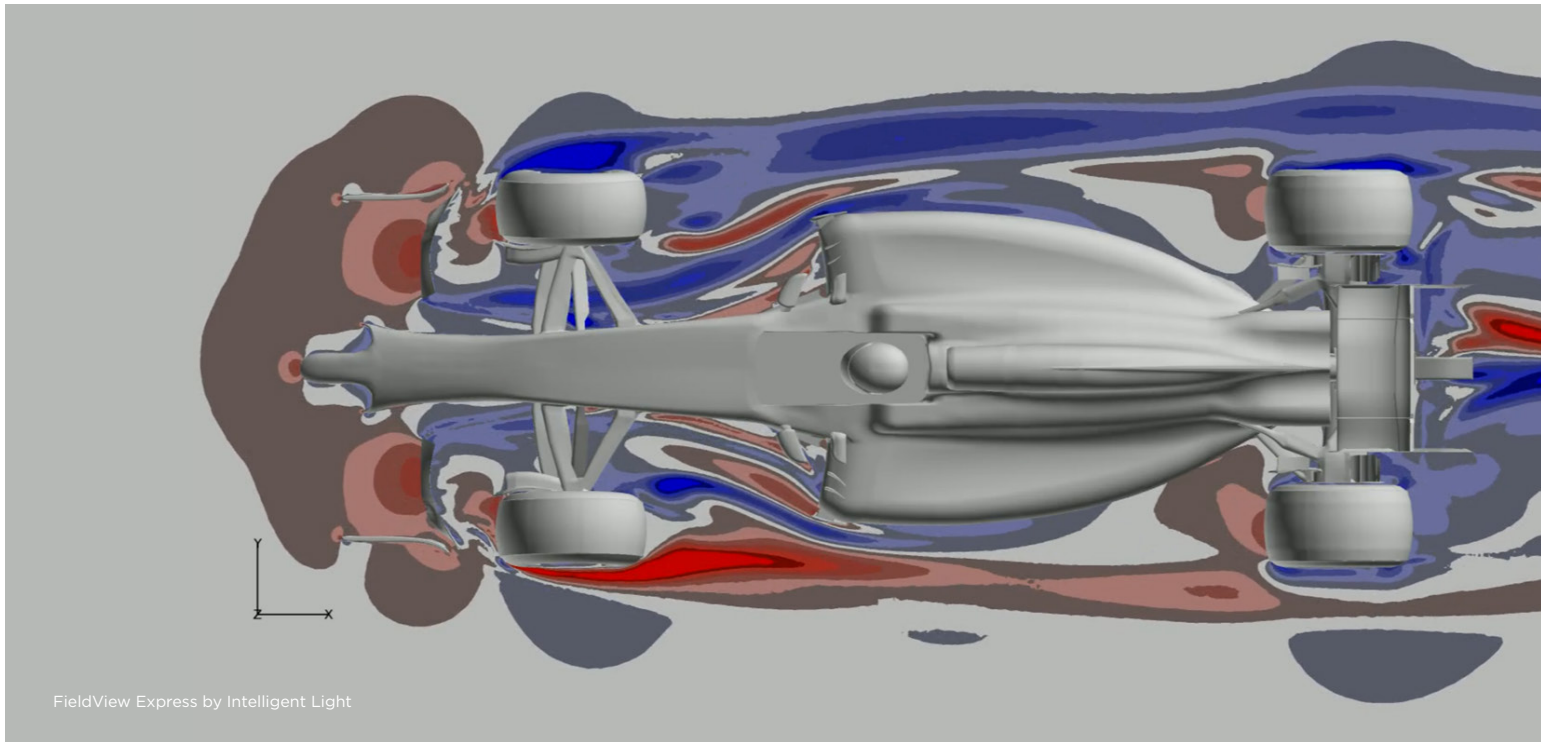
APA partner products include applications specific to industry verticals including marine, automotive, aerospace, chemicals, and architecture. More than 60 software applications including technologies ranging from data analytics, computational fluid dynamics (CFD) and fatigue, to manufacturing process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





FieldView Express by Intelligent Light



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

55+

PARTNERS GLOBALLY

75+

PRODUCTS

1800+

CUSTOMERS WITH ACCESS

97%

OF APA CUSTOMERS WOULD
RECOMMEND TO OTHERS

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.

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.

Learn more at altairuniversity.com



Altair is a global technology company that provides software and cloud solutions in the areas of simulation, high-performance computing (HPC), and artificial intelligence (AI). Altair enables organizations across broad industry segments to compete more effectively in a connected world while creating a more sustainable future.

To learn more, please visit altair.com