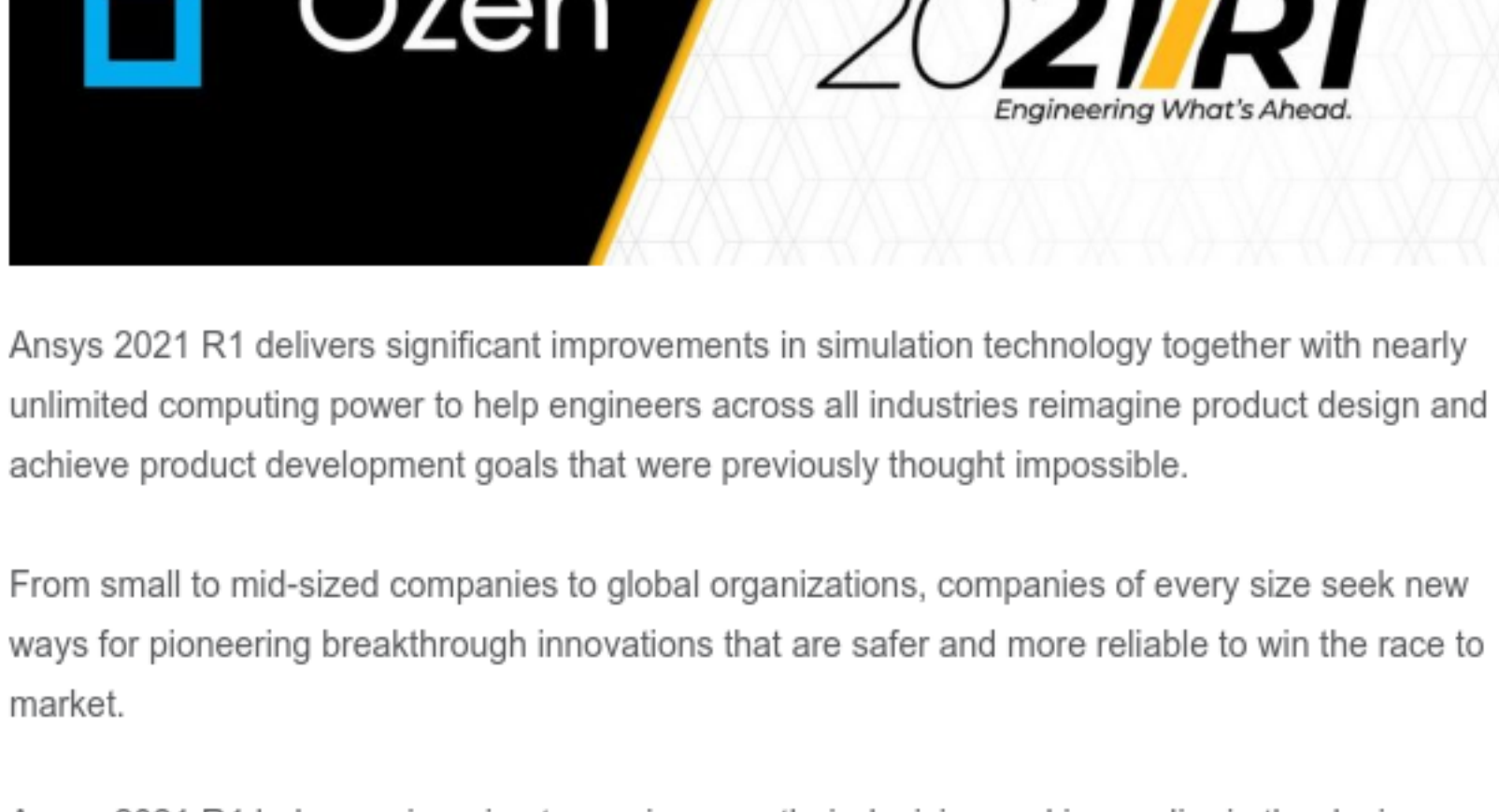


Now Available: Ansys 2021 R1



Ansys 2021 R1 delivers significant improvements in simulation technology together with nearly unlimited computing power to help engineers across all industries reimagine product design and achieve product development goals that were previously thought impossible.

From small to mid-sized companies to global organizations, companies of every size seek new ways for pioneering breakthrough innovations that are safer and more reliable to win the race to market.

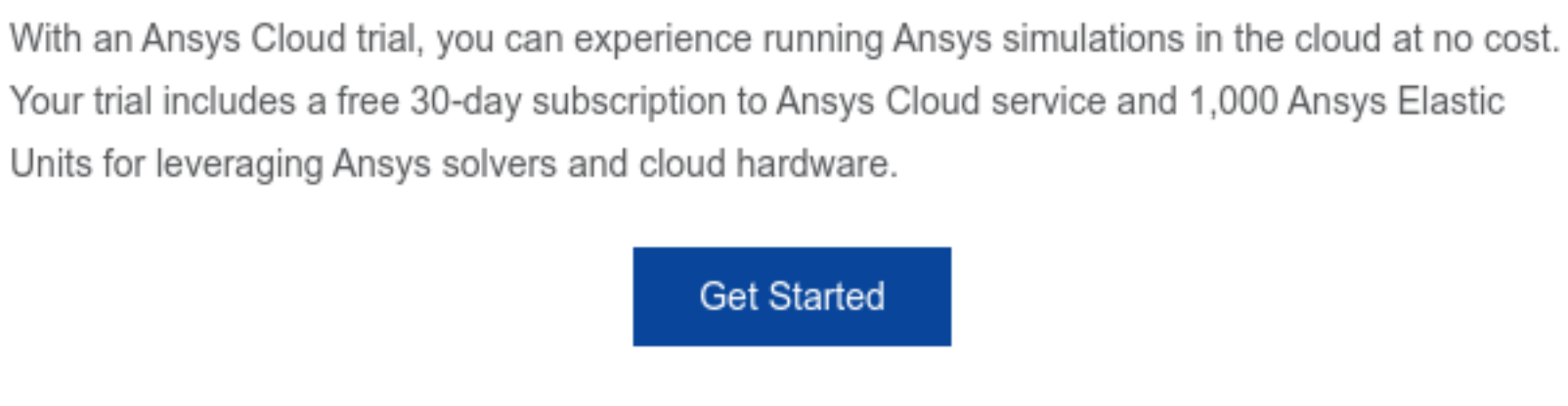
Ansys 2021 R1 helps engineering teams improve their decision-making earlier in the design process, enabling them to rapidly develop new products by avoiding costly mistakes that can negatively impact product quality and reliability. Leveraging improved workflows and leading-edge capabilities that span Ansys' flagship suites, teams are tackling design challenges head on, eliminating the need to make costly workflow tradeoffs, developing next-generation innovations with increased speed, significantly enhancing productivity and delivering high-quality products to market faster than ever.

Learn more about Ansys 2021 R1 by visiting our [Release Highlights webpage](#) or by joining one or more of the upcoming webinars in February (see below).

Ansys 2021 R1 can be downloaded (registration required) from the [Ansys Customer Portal](#).

If you need assistance with downloading or installing Ansys 2021 R1, please contact us at (408) 732-4665 or support@ozeninc.com.

Ansys Cloud Free Trial Offer



Ansys Cloud provides current Ansys Mechanical, Ansys Fluent and Ansys Electronics Desktop users with easy access to on-demand high-performance computing (HPC) in the cloud from within Ansys desktop applications. Without involvement from your information technology team, Ansys Cloud helps you solve with maximum computing power, slashing your time to solution.

With an Ansys Cloud trial, you can experience running Ansys simulations in the cloud at no cost. Your trial includes a free 30-day subscription to Ansys Cloud service and 1,000 Ansys Elastic Units for leveraging Ansys solvers and cloud hardware. Ansys Cloud provides current Ansys Mechanical, Ansys Fluent and Ansys Electronics Desktop users with easy access to on-demand high-performance computing (HPC) in the cloud from within Ansys desktop applications. Without involvement from your information technology team, Ansys Cloud helps you solve with maximum computing power, slashing your time to solution.

With an Ansys Cloud trial, you can experience running Ansys simulations in the cloud at no cost. Your trial includes a free 30-day subscription to Ansys Cloud service and 1,000 Ansys Elastic Units for leveraging Ansys solvers and cloud hardware.

[Get Started](#)

Did you know?

A bit of trivia to hopefully enlighten your day and amaze your family and fellow engineers.

Did you know:

- Brazil is named after a tree
- Monopoly is the most played board game in the world
- the brand Nokia is named after a place in Southern Finland
- the word 'Strengths' is the longest word in the English language with just one vowel
- if you filled a matchbox with gold it could be flattened into a sheet the size of a tennis court

Upcoming Ansys 2021 R1 Webinars

[Ansys 2021 R1 Signal and Power Integrity Update](#)

February 2, 2021 - 8:00 AM PST

Learn about new features in Ansys Siwave, including a DDR Wizard for automated PCB design, support for the Ansys Granta material library and differential net time domain crosstalk scan.

[Ansys 2021 R1: What's New for Granta MI](#)

February 3, 2021 - 8:00 AM PST

Learn about the latest advances in Ansys Granta MI in our latest release, Ansys 2021 R1, including an enhanced user interface, new ways of scaling the product in enterprise deployments and the latest updates in materials data.

[Motor-CAD in Ansys 2021 R1: Multiphysics Electric Motor Design and Optimization](#)

February 3, 2021 - 8:00 AM PST

This webinar showcases the latest release of Ansys Motor-CAD, delivering a detailed look at its many new capabilities for multiphysics electric motor design. We will spotlight Motor-CAD's powerful new features for design optimization, multiphysics analysis and system modeling for electric motors.

[Ansys 2021 R1: Ansys medini analyze Updates](#)

February 3, 2021 - 8:00 AM PST

This webinar showcases Ansys medini analyze's many enhancements delivered in Ansys 2021 R1 and discusses how you can integrate these features to substantially advance your safety-related activities.

[Ansys Lumerical 2021 R1 Highlights](#)

February 3, 2021 - 10:00 AM PST

This webinar highlights how to optimize CMOS image sensor cameras with Ansys Lumerical FDTD, Ansys Lumerical CHARGE and Ansys SPEOS.

[Ansys 2021 R1: What's New for Granta Selector](#)

February 4, 2021 - 8:00 AM PST

Learn about the latest features of Ansys Granta Selector in our most recent release, Ansys 2021 R1, including new features and data to help you find the best materials for your applications to save cost, time and weight while improving performance. Learn about the latest features of Ansys Granta Selector in our most recent release, Ansys 2021 R1, including new features and data to help you find the best materials for your applications to save cost, time and weight while improving performance.

[HFSS in Ansys 2021 R1: Redefining What's Possible with Mesh Fusion](#)

February 4, 2021 - 8:00 AM PST

This webinar spotlights Ansys HFSS in our latest release, Ansys 2021 R1, and provides a detailed look at its new groundbreaking Mesh Fusion technology. Discover how you can break the rules, achieve better designs and deliver breakthrough products with more functionality than ever before.

[Ansys 2021 R1: What's New in Ansys Cloud](#)

February 9, 2021 - 8:00 AM PST

Learn about the latest innovations in Ansys Cloud in our most recent release, Ansys 2021 R1, including new hardware HPC configurations having up to 960 cores, interactive sessions with a supporting Nvidia GPU and new in-browser interactive access.

[Ansys 2021 R1: Embedded Software Solutions for Aerospace & Defense](#)

February 10, 2021 - 8:00 AM PST

From the architecture and design of embedded controls to mission systems and human machine interfaces, Ansys SCADe provides the aerospace and defense industry an efficient, model-based process for designing and verifying software that adheres to ARINC 661, DO-178C, up to Level A and the FACETM Technical Standard. This webinar previews the latest SCADe enhancements in Ansys 2021 R1 and illustrates how they will substantially advance your embedded software development projects and ensure safe, reliable operation.

[Ansys Twin Builder 2021 R1: Latest Innovations](#)

February 11, 2021 - 8:00 AM PST

This webinar spotlights Ansys 2021 R1's newest release of Ansys Twin Builder, providing a deep dive look at its many new and exciting enhancements for export workflow.

[Ansys 2021 R1: Ansys System Coupling Update](#)

February 11, 2021 - 8:00 AM PST

Complex product interactions often require high-fidelity multiphysics simulations for in-depth understanding. In this webinar, we will discuss recent advancements in System Coupling, a key enabler of multiphysics simulations.

[Ansys 2021 R1: Fluent Update](#)

February 16, 2021 - 8:00 AM PST

This webinar will highlight some of the major enhancements in Ansys Fluent in our latest release, Ansys 2021 R1. New capabilities and innovative features in this release will help boost productivity and reduce time to accurate results. Learn about the new updates from pre-processing and user experience to new modeling capabilities.

[Ansys 2021 R1: Ansys SPEOS Latest Advances](#)

February 16, 2021 - 8:00 AM PST

Discover the advances in Ansys SPEOS included in the latest release to increase the reliability of ADAS and AV simulations, maximize lidar detection capabilities, accelerate optical simulation time using Ansys Cloud and increase productivity through automated functions.

[Ansys 2021 R1 Update: What's New in Ansys SpaceClaim](#)

February 18, 2021 - 8:00 AM PST

This webinar spotlights Ansys 2021 R1's newest release of SpaceClaim, providing a deep dive look at its enhanced features for design modeling and model prep for simulation. We will highlight capabilities such as a new deviation probing tool that helps you make precise measurements when comparing two models. Additionally, we will discuss enhanced model visualization and showcase faster, more robust midsurfacing capabilities.

[Ansys 2021 R1 Update: What's New in VRXPERIENCE Sound](#)

February 18, 2021 - 8:00 AM PST

This webinar spotlights the latest release of Ansys VRXPERIENCE Sound in Ansys 2021 R1, an enhanced acoustic experience focused on sound design for electric vehicles. We'll provide a detailed look at how 2021 R1 unites VRXPERIENCE Sound with Ansys Fluent to take aeroacoustic simulations to the next level.

[Ansys 2021 R1: What's New in Ansys Icepak — Mechanical Thermal Solution](#)

February 18, 2021 - 8:00 AM PST

Join us to learn about a new Ansys Mechanical design type — the Mechanical Thermal solution — now available inside Ansys Electronics Desktop (AEDT).

[Ansys 2021 R1: Ansys Mechanical Update](#)

February 23, 2021 - 8:00 AM PST

Learn about the new features of Ansys Mechanical in Ansys 2021 R1, including the ability to create fluid networks using the new line body creation tool, record and debug scripts, and use a short fibers workflow to fill the gap between injection molding and structural simulation.

[Ansys 2021 R1: Overset Meshing Update](#)

February 23, 2021 - 8:00 AM PST

This webinar will highlight all the major enhancements in Ansys Fluent for Overset meshing methods in Ansys 2021 R1.

[Ansys 2021 R1 Update: What's New in Ansys optiSLang](#)

February 23, 2021 - 7:00 AM PST

Discover the enhancements in Ansys optiSLang in our latest release, Ansys 2021 R1, including a new scheduler submit function in Ansys Electronics Desktop, better control and monitoring of the workflow through the new status overview function, and easy web-app building and publishing in Ansys Minerva.

[Ansys 2021 R1: Ansys Additive Solutions Update](#)

February 24, 2021 - 8:00 AM PST

This webinar will introduce the updates to Ansys Additive solution in the latest release, including 2D microstructure capabilities in Ansys Additive Science, stair-step analysis in Additive Prep, and automated calibration using the Additive wizard in Ansys Workbench Additive.

[Boost Engineering Productivity with Ansys Minerva, Powered by Aras](#)

February 24, 2021 - 8:00 AM PST

The latest release, Ansys 2021 R1, boasts major UI enhancements and improvements across all capabilities, including improved data management with file comparison, meta data extraction with automatic file conversion, Ansys LS-DYNA job submission and direct integration with Ansys optiSLang Web Apps.

[Ansys 2021 R1: LS-DYNA and Ansys Motion Update](#)

February 25, 2021 - 8:00 AM PST

Ansys LS-DYNA and Ansys Motion offer advanced implicit, explicit and multibody dynamics solvers, improved workflows and more.

[Ansys 2021 R1: Fluent Simulation Reports](#)

February 25, 2021 - 8:00 AM PST

This 15-minute webinar provides a detailed explanation for how to create and interact with a customized simulation report that summarizes the setup and results of your Ansys Fluent simulations.

More Upcoming Ansys Webinars

You can also view all of the upcoming webinars by visiting our [Training Calendar](#).

[Electrical Insulation Stresses in PWM-Driven Electric Machines](#)

February 2, 2021 - 8:00 AM PST

Learn about finite element modeling, mathematical modeling and experimental testing of the voltage stress and current distribution inside electric machine windings driven by PWM voltage excitations.

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