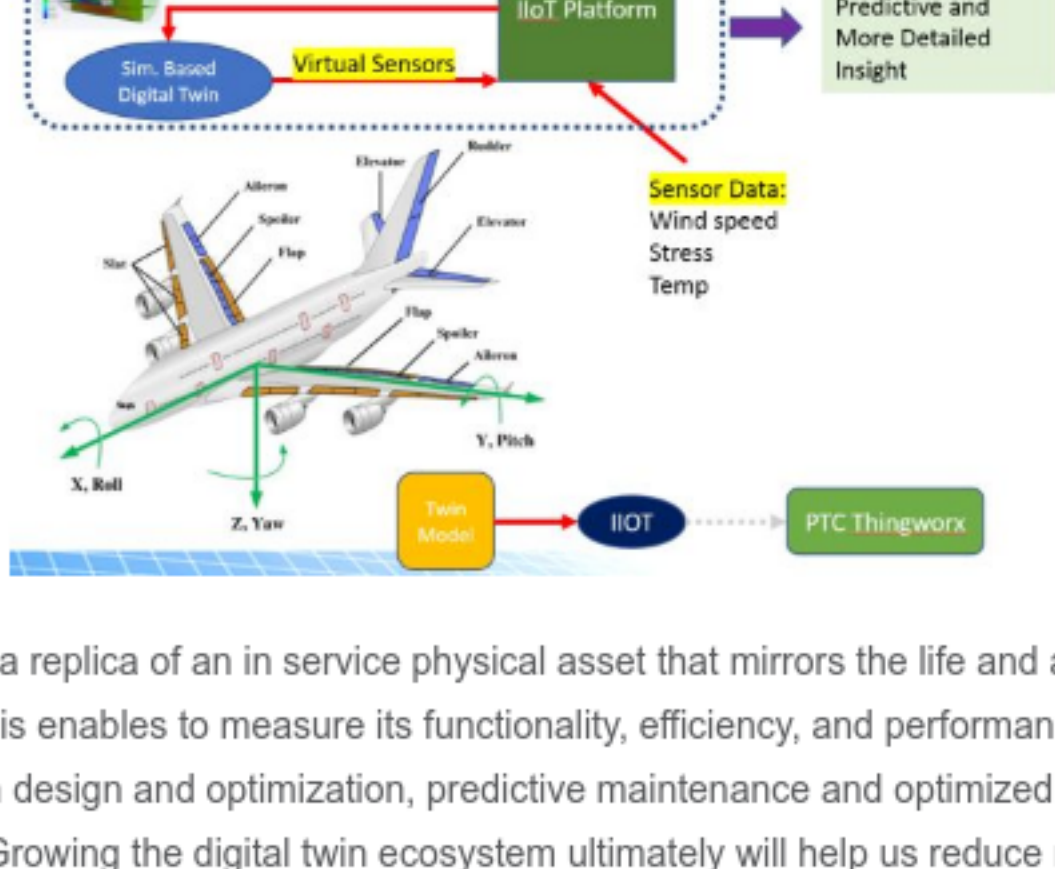


Digital Twin and Industrial Innovation

February 24, 11:00 AM PST



A digital twin is a replica of an in-service physical asset that mirrors the life and experience of the asset. This enables to measure its functionality, efficiency, and performance. In addition, enables system design and optimization, predictive maintenance and optimized industrial asset management. Growing the digital twin ecosystem ultimately will help us reduce risks, while allowing industrial companies to expand their horizon in product development.

Join us on February 24 to learn more about digital twin and industrial innovation.

[Register](#)

Ansys 2021 R1: LS-DYNA and Ansys Motion Update

February 25, 8:00 AM PST



Motion



LS-DYNA (Explicit)

Speakers: Siddharth Shah, Principal Product Manager; Alex Pett, Senior Product Manager

In Ansys 2021 R1, Ansys LS-DYNA and Ansys Motion offer advanced implicit, explicit and multibody dynamics solvers, improved workflows and more:

- LS-DYNA has new solver capabilities and continues to be integrated into Ansys Mechanical. These Mechanical integration updates include a new unit system, solver upgrade, solver version selector, ECAD trace mapping and many more.
- Similarly, Motion has been further integrated into Mechanical. It also features exciting new enhancements to its multi-body dynamics solver.

[Register](#)

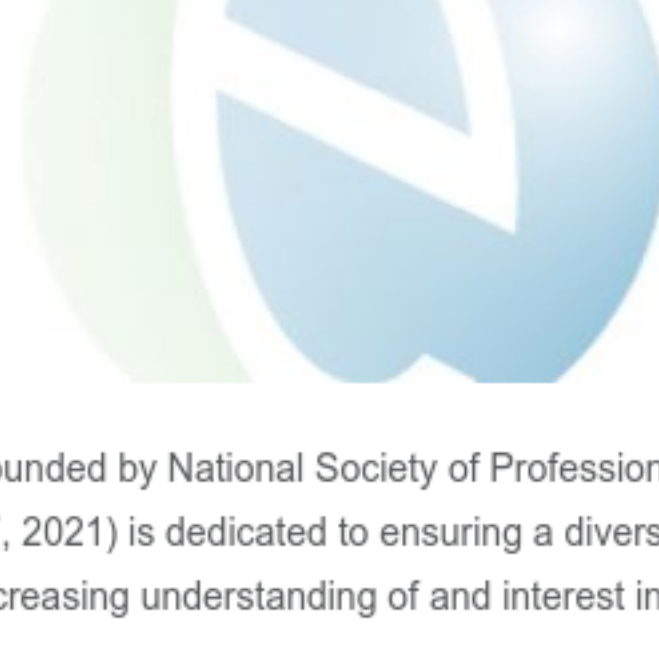
Friendly reminder that Ansys 2021 is now available for download from the [Ansys Customer Portal](#) (registration required).

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).

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

Happy Engineer's Week

February 21 - 27



Founded by National Society of Professional Engineers (NSPE) in 1951, [EWeek](#) (February 21–27, 2021) is dedicated to ensuring a diverse and well-educated future engineering workforce by increasing understanding of and interest in engineering and technology careers.

Did you know?

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

Did you know:

- hummingbirds can't walk
- a group of owls is called a parliament
- the past tense for the English word 'dare' is 'durst'
- every single possible 3 character .com domain has been registered
- the word typewriter is the longest word that can be typed using only the top row of a keyboard

Upcoming Ansys 2021 R1 Webinars

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

[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: 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.

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

March 2, 2021 - 8:00 AM PST

Learn how Ansys VRXPERIENCE can help you to achieve ADAS/AD HIL validation in partnership with NI, how to create a physics-based GPU radar based on Ansys HFSS SBR+, how to use the real-time Ansys VRXPERIENCE Autonomous Vehicles virtual test solution in Microsoft Azure and much more.

[Ansys 2021 R1: Chemkin Enterprise Update](#)

March 3, 2021 - 8:00 AM PST

This webinar highlights new enhancements in Ansys Chemkin-Pro, enabling you to run large parameter studies and perform optimization through Ansys Workbench. We will also spotlight how you can simulate valve motions with the new fluid-structure interaction (FSI) models in Ansys Forte and perform automatic meshing.

[Ansys 2021 R1 Update: Listen to Your Aeroacoustics Simulations](#)

March 4, 2021 - 7:00 AM PST

This webinar showcases Ansys 2021 R1's newest release of Ansys Fluent connected with VRXPERIENCE Sound. We will discuss how this cutting-edge feature delivers an improved acoustic environment by combining VRXPERIENCE Sound with Ansys Fluent to deliver state-of-the-art aeroacoustics simulations.

| Address | Sales | Support |
|--|--|--|
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