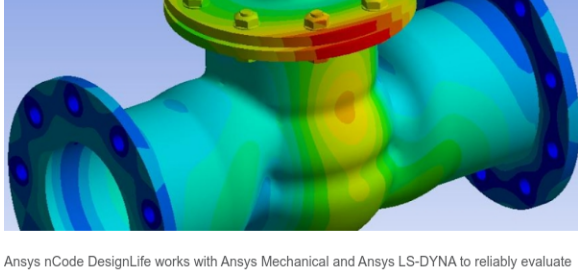


Introduction to ANSYS nCode

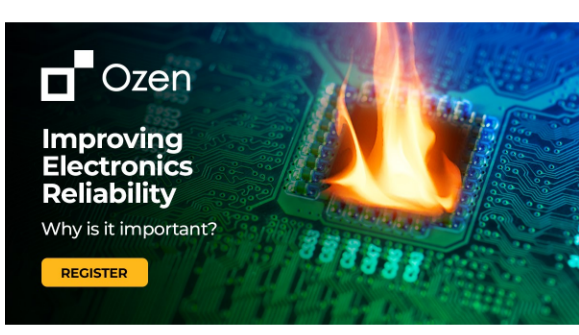


Ansys nCode DesignLife works with Ansys Mechanical and Ansys LS-DYNA to reliably evaluate fatigue life. Using the results of finite element analysis (FEA) from Ansys Mechanical and Ansys LS-DYNA, it accumulates damage from repetitive loading to determine a product's predicted life. You can quickly evaluate the effects of different materials and alternative geometries for new designs, and then optimize them for the product's expected usage — long before the first prototype is built or expensive testing takes place.

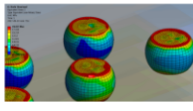
With a new interface on the Ansys Workbench, you can enjoy a customized workflow that integrates with other products while staying within a single interface. You also have the flexibility to access your nCode user interface directly from Ansys Workbench. The ease-of-use makes the power of nCode DesignLife even easier to realize.

Check out our [YouTube video](#) to learn how to run a fatigue analysis in both the Ansys Workbench and nCode user interfaces.

Improving Electronics Reliability Mechanical Reliability & Comprehensive Multiphysics



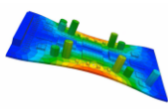
Continuing with our informative webinar series on "Improving Electronics Reliability", the next two sessions will focus on mechanical reliability and comprehensive multiphysics.



Improving Electronics Reliability Mechanical Reliability

June 23, 11:00 AM PT

[Register today](#)



Improving Electronics Reliability Comprehensive Multiphysics

June 30, 11:00 AM PT

[Register today](#)

Also consider registering for the final follow-on webinar that focuses on:

- [Reliability Physics Analysis](#), July 7, 11:00 AM PT

Overall, the primary questions to be addressed are:

- How do I meet urgent market demands faster than my competition AND be confident that my product is reliable?
- How does simulation save me money and expedite the design cycle?
- What are the current drivers of electronics reliability?
- What kinds of analysis and testing can I perform using simulation software?

Please plan to join us for one or more of these informative, 30-minute webinars. If you happen to miss a live webinar, we will be making the video recordings available. Just let us know by contacting us at info@ozeninc.com.

Did you know?

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

Did you know:

- goldfish can see both infrared and ultraviolet light
- mosquitoes prefer children to adults and blondes to brunettes
- the human eye can detect more shades of green than any other color
- the meaning of 'Blue Chip' comes from blue casino chips which have a high value
- humans are the only primates that don't have pigment in the palms of their hands

Upcoming Ansys Webinars

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

[Leveraging Simulation to Realize a Highly Efficient Powertrain](#)

June 17, 2021 - 6:00 AM PDT

This webinar spotlights key aspects of electrical powertrain simulation. A detailed modeling of the electric machine will be described, emphasizing the impact of switched inverter voltages.

[Addressing the Challenges of Designing Supersonic Business Jets](#)

June 17, 2021 - 7:00 AM PDT

This presentation will briefly cover new software features that enable a new supersonic era by removing the sonic "boom." We will help contextualize the new features with background from the external aero nearfield sonic boom prediction on the NASA X-59 geometry.

[Process Integration and Design Optimization for Computational Fluid Dynamics Problems Using Ansys optiSLang](#)

June 17, 2021 - 7:00 AM PDT

Learn how to use Ansys optiSLang to gain the most insight into an HFSS 3D Layout differential via design for performance optimization, and explore optiSLang's role in analyzing how manufacturing tolerances impact the yield of fabricated devices.

[Lightning Protection of Aircraft: Simulation and Test Presentation](#)

June 17, 2021 - 8:00 AM PDT

This webinar illustrates lightning basics and specific techniques for protecting aircraft from these strikes and proving to certifying agencies that the protection is adequate. We will cover both historical approaches and cutting-edge combinations of simulation and testing.

[New Product Launch: Chemwatch for Granta MI](#)

June 22, 2021 - 7:00 AM PDT

This is the launch webinar for our new partnership with Chemwatch, delivering a deep dive into Chemwatch for Ansys Granta MI, which gives users easy access to difficult-to-find substances data.

[Manufacturing Polymer Components for the Automotive Industry](#)

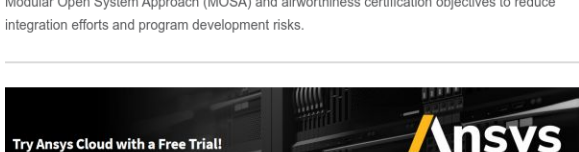
June 23, 2021 - 6:00 AM PDT

This webinar will showcase how numerical simulation can help investigate the behavior of new plastics and elastomers to reduce design time and accelerate the manufacturing process.

[Open Architecture Display Systems Based on the ARINC 661 Standard](#)

June 24, 2021 - 10:00 AM PDT

Learn how to use Ansys SCADE to create ARINC 661 architectures while fully encompassing the Modular Open System Approach (MOSA) and airworthiness certification objectives to reduce integration efforts and program development risks.



Address	Sales	Support
Ozen Engineering, Inc 1210 E Arques Ave #207 Sunnyvale, CA 94085	P: (408) 732-4665 E: sales@ozeninc.com	P: (408) 732-4665 E: support@ozeninc.com