



FAST FACTS: CLOUD-ENABLED ANALYSIS WITH 3DEXPERIENCE WORKS SIMULATION

Opening the door to multi-scale and multi-physics capabilities, 3DEXPERIENCE® Works Simulation provides SOLIDWORKS® users with powerful, integrated, cloud-enabled analysis tools from SIMULIA. How will advanced simulation improve your product development process? Here is what you can expect from 3DEXPERIENCE Works Simulation:

- 1 Powerful Analysis Capabilities:** Multi-scale and multi-physics capabilities enable you to solve everything, from simple, single events to large, multi-event problems, with confidence.
- 2 Flexible and Scalable:** Skip the expensive hardware! Cloud-enabled simulation gives you access to high-performance computing resources when you need them—while enabling you to maintain data consistency, streamline processes, avoid errors, and save time searching on version control.
- 3 Accuracy You Can Trust:** Cutting-edge and industry-proven technology from SIMULIA, including Abaqus for structures, fe-safe for durability, and CST for electromagnetics, solves even the most complex analyses with speed and accuracy you can trust.
- 4 Real-Time Collaboration:** Combine powerful, accurate results with a collaborative feedback environment and your team will be set up to make intelligent decisions faster.
- 5 SOLIDWORKS Integration:** Associativity to SOLIDWORKS means no export/import rework—streamlining the use of SOLIDWORKS data with included data management solutions.



“I have a ballpark idea of how our designs will work, but how do I make it right the first time? Simulation lets us test our work so we can be right out of the gate. When we go to do our testing and verification, it needs to be a check-the-box exercise. We cannot find surprises right before we launch. 3DEXPERIENCE Works Simulation removes this uncertainty and helps us push the envelope with our products. I’m very impressed with its capabilities.”

– Dr. Joseph Lacey, Principal Engineer, GE Healthcare



“Clinical trials are very expensive, take months, and are a difficult way to analyze the causes of product problems. For this reason, we adopted 3DEXPERIENCE Works Simulation. We were able to perform advanced simulation, nonlinear dynamic analysis, multi-step analysis, and many other simulation techniques at a very reasonable price. A great advantage was being able to use existing data created by SOLIDWORKS. With all data connected, our workflows are dramatically improved by 3DEXPERIENCE Works Simulation.”

– In-Hyuk Heo, Researcher, TiNiKo

Ready to make the jump? Contact your reseller today and visit: [SOLIDWORKS.com/Cloud-Sim](https://www.solidworks.com/Cloud-Sim)