



## Newly Launched ANSYS Cloud Accelerates Engineering Productivity and Business Agility

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PITTSBURGH, Feb. 5, 2019 /PRNewswire/ -- Businesses of all sizes can accelerate innovation and reduce time to market with the power of on-demand simulation and high-performance computing (HPC) thanks to [ANSYS Cloud](#). Released today, ANSYS Cloud enables engineers to obtain high-fidelity simulation results and evaluate more design variations in less time and with a smaller information technology footprint — driving top-line growth through superior product designs and improved business agility.



Through Pervasive Engineering Simulation™ [ANSYS](#) (NASDAQ: ANSS) empowers organizations to deliver more efficient, faster and smarter products to the market in less time. With ANSYS Cloud, engineering teams can now also access virtually unlimited cloud compute resources to increase their simulation throughput to solve larger, more complex models instantly and effortlessly. ANSYS Cloud eliminates the need to deploy additional applications, maintain HPC resources or create new business relationships with third party cloud vendors.

ANSYS Cloud provides easy and instant access to on-demand HPC in the cloud directly from within ANSYS® Mechanical™ and ANSYS® Fluent®. Requiring no additional configuration, engineers can access ANSYS Cloud directly from their desktops.

"Altaeros depends on the fast turnaround of dozens of operating points on high-fidelity ANSYS Fluent models to support flight dynamics and mechanical design needs," said Jon Everitt, principal aerodynamicist, Altaeros. "Cloud computing accelerates time to results and the built-in interface to Microsoft Azure within the ANSYS tools presents a compelling case for its adoption."

ANSYS Cloud is a robust and secure environment for running simulations in the cloud that combines Azure's productive cloud computing services with additional encryption methods for enterprise-grade security.

Small and medium-sized businesses now have access to the same simulation throughput previously limited to large engineering enterprises. Larger organizations, with existing investments in on-premise HPC, can also tap into ANSYS Cloud to satisfy peak demand when their on-premise systems are at capacity.

"High-efficiency equipment is critical for improving plant performance in the oil and gas industry," said Luis Baikuskas, process engineer, Hytech Ingeniería. "ANSYS Cloud enables Hytech Ingeniería to calculate large and complicated geometries within hours, instead of days or weeks — resulting in significant time savings."

With access to virtually unlimited compute capacity, ANSYS Cloud delivers elasticity, speed and agility when users need it most. The solution also provides flexibility to select from Azure data centers across the globe that meet varying data privacy requirements. From startups to global corporations, companies can devote their resources to business differentiators instead of procurement or ongoing management of HPC resources.

"ANSYS Cloud puts the power of on-demand hardware and software delivered from the cloud in the hands of ANSYS customers to tackle their largest simulation models and provide unprecedented insights into product designs," said Navin Budhiraja, vice president and general manager, cloud and platform business unit at ANSYS. "ANSYS Cloud uniquely combines ANSYS software with Microsoft Azure services and HPC infrastructure to create completely seamless cloud access, while still providing the robust, secure and high-performance simulation technology our customers expect."

Navneet Joneja, Azure Compute, Partner Program Manager, Microsoft Corp. said, "Organizations around the world recognize Microsoft Azure as a trusted partner for scalable cloud infrastructure and services. We are pleased to see ANSYS bring our mutual customers faster time to results through easier access to on-demand HPC on Azure directly from within ANSYS applications."

ANSYS Cloud is available for commercial use today. Visit [ANSYS.com/cloud-hpc](https://www.ansys.com/cloud-hpc) to learn more.

## About ANSYS, Inc.

If you've ever seen a rocket launch, flown on an airplane, driven a car, used a computer, touched a mobile device, crossed a bridge or put on wearable technology, chances are you've used a product where ANSYS software played a critical role in its creation. ANSYS is the global leader in engineering simulation. Through our strategy of Pervasive Engineering Simulation, we help the world's most innovative companies deliver radically better products to their customers. By offering the best and broadest portfolio of engineering simulation software, we help them solve the most complex design challenges and create products limited only by imagination. Founded in 1970, ANSYS is headquartered south of Pittsburgh, Pennsylvania, U.S.A., Visit [www.ansys.com](http://www.ansys.com) for more information.

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