



ANSYS Empowers Startup Companies Worldwide Through Growing Startup Program

November 5, 2018

PITTSBURGH, Nov. 5, 2018 /PRNewswire/ -- From a 3D automotive radar system to electric Hyperloop transportation to a nonprofit conquering food security through automation and artificial intelligence, more than 500 startup companies around the world are leveraging the [ANSYS Startup Program](#) to create and deliver lifechanging innovations. Since the program's inception in 2016, 558 startups have joined the program — taking their ideas and businesses to the next level using [ANSYS](#) (NASDAQ: ANSS) solutions.

image

Simulation helps companies innovate faster because it allows engineers to quickly identify key design enhancements, validate new ideas and go to market sooner. The ANSYS Startup Program gives low-cost access to ANSYS' leading suite of engineering simulation products to startups around the world — lowering the barrier for entrepreneurs to use simulation to bring innovative products to market faster.

"The companies in our Startup Program are industry pioneers often on the leading edge of innovation," said Sin Min Yap, Vice President, Global Corporate Strategic Initiatives at ANSYS. "ANSYS makes simulation both affordable and accessible to these companies — enabling them to make key advancements in diverse industries."

"ANSYS and finite element simulations allow us to perform in-depth analysis of our Hyperloop developments, including mechanical and magnetic behavior of our active magnetic levitation system and fluid dynamic behavior of our aerodynamic propulsion system," said Daniel Orient, Chief Technical Officer & Co-founder of [Zeleros](#), a Spanish startup developing electric hyperloop transportation. "Simulating and analyzing our results before prototyping empowers Zeleros to reach goals on the first attempt instead of building additional prototypes, resulting in significant cost and time savings."

"The ANSYS Startup Program provided us with affordable access to leading simulation technology that is uniquely suited to our field — high resolution 77-GHz automotive radar chipsets," said Frank Zhang, CEO of [Andar Technologies Pty Ltd.](#) Australia-based Andar Technologies is developing next-generation, 3D imaging automotive radar. "In a highly competitive and fast-changing industry, the use of fast and accurate electromagnetic simulations with ANSYS for our mm-wave radar system performance is essential to bringing our product to market in a timely and cost-effective way. ANSYS enables us to use accurate virtual prototypes with goal-driven optimization to reduce our need for physical prototyping—helping us save hundreds of thousands of dollars in fabrication runs and ultimately save years of development time."

[foodRev](#) brings food security to the needy and is using ANSYS to optimize how food temperature is monitored. "At foodRev our main day-to-day function is connecting food donations with the needy and we're building hardware to monitor the temperature of food during transit," said Gregory Kielian, Chief Technology Officer and Co-founder of foodRev. "With support from the ANSYS Startup Program, we are designing and optimizing antennas for our Bluetooth Low Energy food-temperature-monitors."

A producer of miniaturized electric propulsion systems for Nano- and small-satellites for in-space propulsion,

[ENPULSION](#) uses ANSYS to simulate thruster components and optimize thermal design. "Our thrusters require precise temperature control in a space environment, but testing in real thermal vacuum chambers is cost, time and resource intensive. ANSYS enables us to simulate thruster components in changing thermal environments at a fraction of the cost," said David Krejci, Chief Technology Officer at ENPULSION. "The pre-seed phase is a crucial time for any startup and ANSYS enabled significant cost savings during testing that will be redirected toward production."

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 for more information.

To join the simulation conversation, please visit: <https://www.ansys.com/About-ANSYS/Social-Media>

ANSYS and any and all ANSYS, Inc. brand, product, service and feature names, logos and slogans are registered trademarks or trademarks of ANSYS, Inc. or its subsidiaries in the United States or other countries. All other brand, product, service and feature names or trademarks are the property of their respective owners.

ANSS-C

 View original content to download multimedia: <http://www.prnewswire.com/news-releases/ansys-empowers-startup-companies-worldwide-through-growing-startup-program-300743384.html>

SOURCE ANSYS, Inc.