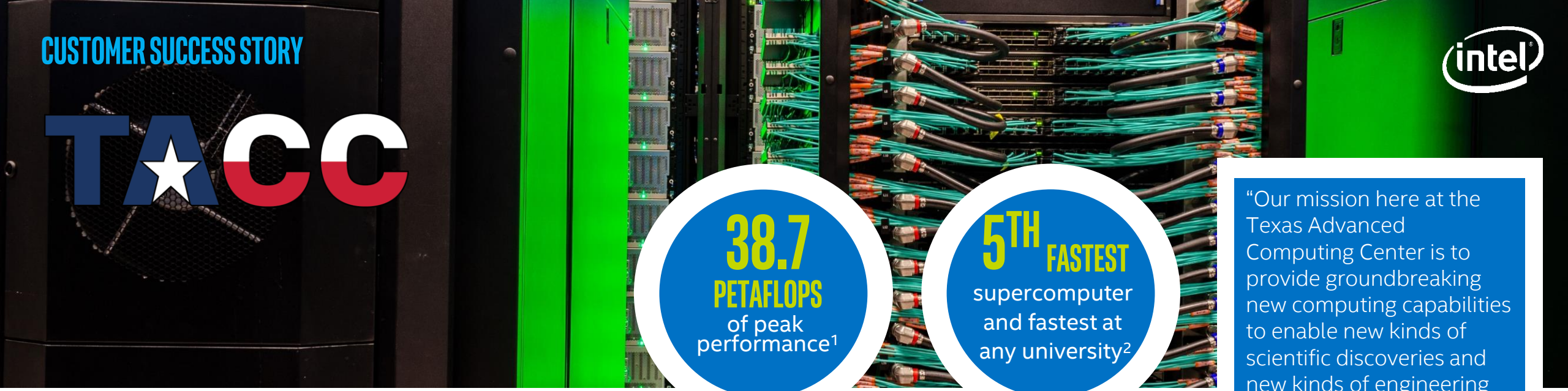
CUSTOMER SUCCESS STORY

TACC



38.7 PETAFLOPS of peak performance[1]

5TH FASTEST supercomputer and fastest at any university[2]

Texas Advanced Computing Center Installs Frontera for Massive Scale Computing

The Texas Advance Computing Center (TACC) designs and operates some of the world's most powerful computing resources. The center's mission is to enable discoveries that advance science and society through the application of advanced computing technologies. The new Frontera supercomputer is tasked with supporting the nation's academic researchers in all fields of science, from astrophysics to zoology to address grand challenges of our time and require computing on a massive scale. 2nd Generation Intel® Xeon® Scalable processors, Intel® Deep Learning Boost and Intel® Optane™ DC persistent memory will help support data-driven and data-intensive applications, as well as machine and deep learning workloads and offer researchers new ways to solve enduring problems.

"Our mission here at the Texas Advanced Computing Center is to provide groundbreaking new computing capabilities to enable new kinds of scientific discoveries and new kinds of engineering research. It's going to be a remarkably productive system. We think in terms of real science throughput; we'll get three or four times the performance of its predecessor."

Dr. Dan Stanzione, Executive Director at TACC

Products and Solutions
2nd Gen Intel® Xeon® Scalable processors
Intel® Optane™ DC persistent memory

Industry
Education

Organization Size
100+

Country
United States

Partners
Dell EMC

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1, 2 For more complete information about performance and benchmark results, visit https://www.intel.com/content/www/us/en/customer-spotlight/stories/tacc-engineering-research-in-hpc-video.html