



NEWS RELEASE

Penguin Computing™ Sets World Record for Speed and Access to Geographically Dispersed Data

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The record was set during development of a solution built using technology from Bay Microsystems to speed data processing, delivery and collaboration for global teams in the Media & Entertainment, Life Sciences, Financial, Government, Energy, Manufacturing and Oil & Gas Industries

FREMONT, CA – May 1, 2018 – As part of its ongoing commitment to innovation, Penguin Computing, provider of high performance computing (HPC), artificial intelligence (AI), enterprise data center and cloud solutions, today set a World Record for speed and access to a petabyte of geographically dispersed data. Penguin Computing successfully completed the “petabyte-in-a-day” test in April, setting a world record for a long-distance storage transfer and access product. The record was set during development of a new Penguin Computing product built upon technology from **Bay Microsystems, Inc.®**, a leader in converged, geo-diverse data solutions. With this solution, Penguin Computing will deliver access to data as though it were local. It will allow global teams in the Media & Entertainment, Life Sciences, Financial, Government, Energy, Manufacturing and Oil & Gas Industries to speed production and delivery while improving collaboration and reducing data processing times. When working with large, complex, geographically dispersed data, organizations are often challenged to overcome delays in time-to-insight, time-to-decision, or processing time resulting from the limitations of traditional WAN technologies. In today’s business landscape, where speed and the expectations for results are accelerated, the challenge presented by geographically dispersed data spans many market verticals and is particularly acute in industries with intense compute requirements. Technology limitations can also severely hinder data backup, business continuity, disaster recovery and compliance. In response to these challenges, Penguin Computing is developing a proof-of-concept for a complete, managed file transfer and access solution. Combined with **Penguin Computing’s FrostByte™** software-defined storage, high-performance computing solution, expert services and support, this new product will give cross-functional teams the ability to transfer data in real-time with greater speed, security, reliability and accessibility, while unifying operations and accelerating collaboration. This new technology is designed to provide efficient access to large, remote file and data storage, even over high latency network connections. It will deliver

distributed data 25X faster than traditional methods and enable access to remote data sets as if they were local. By providing this type of speed and access to data, customers will have the ability to unleash the value of their distributed data assets while maximizing existing compute, storage and network resources. “When managing complex, global data for mission critical applications or multi-million dollar production projects, customers must have technology that is flexible, reliable and secure,” said Philip Pokorny, Chief Technology Officer, Penguin Computing. “This proof-of-concept we’re working on reinvents how our customers are able to approach team collaboration on a global scale. The product, which is in the final stages of development, will speed their workflows and deliver dramatic time and cost savings. We can’t wait to roll it out to our customer base and help them improve time-to-results even further.”

About Penguin Computing

Penguin Computing, Inc. is a 20-year-old, U.S.-based global provider of high-performance computing (HPC), artificial intelligence (AI), and data center solutions with more than 2,500 customers in 40 countries, across eight major vertical markets. Penguin Computing offers a comprehensive portfolio of hardware, software and services, including solutions based on the Open Compute Project (OCP), as well as financing and top-rated customer support. Penguin Computing products include Linux-based servers; software; integrated, turn-key clusters; enterprise-grade storage and bare metal HPC on cloud via Penguin Computing® On-Demand™ (POD).

Visit www.penguincomputing.com to learn more about the company.

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