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## AHA Improves Storage Array Performance with Data Compression Accelerators

MOSCOW, Idaho--(BUSINESS WIRE)-- August 8, 2016--AHA Products Group (AHA), a recognized technology leader in data compression technology, announced today that Juan Deaton, Research Scientist with AHA, will present "[Improving All Flash Array Performance with Data Compression Accelerators](#)" at the [Flash Memory Summit](#).

As all flash arrays mature into full feature platforms, early adopter applications (such as server virtualization and on-line transaction processing) will be surpassed by industrial internet-of-things applications. These new future applications are expected to generate petabytes of ephemeral data that require high compression rates and data write throughput. In these applications, storage controller overhead from data compression can lead to increased CPU load, higher power consumption, and lower throughput. This presentation compares the performance of different data compression algorithms (LZO, LZ4, GZIP, and BZIP2). Comparisons will be shown in terms of throughput, CPU utilization, and power.

Based on performance experiments, the AHA374 GZIP accelerator card can provide the same compression throughput as 14 Xeon cores performing LZO/LZ4. Additionally, the AHA374 GZIP accelerator card increases flash memory cycle lifetime and storage capacity by almost 50% by providing better compression ratios than LZO/LZ4.

The presentation will take place on August 10, 2016, at 9:45 a.m. -10:50 a.m., Session 202-C: Flash Arrays Part 2 (Enterprise Storage Track) at the [Santa Clara Convention Center](#) in California.

### About AHA Products Group

For almost three decades, AHA has been the global leader in lossless data compression and forward error correction and now supports full digital modem solutions and crypto acceleration technologies. Based in Moscow, Idaho, the design center develops and markets ICs, PCBs, and IP Cores for commercial and government customers worldwide. AHA products are used in network transmission, WAN optimization, enterprise storage, satellite and terrestrial communications, and a wide variety of other systems where data throughput and integrity are vital. A recognized technology innovator, AHA has a reputation for exceptional product quality, reliability, outstanding customer support and is an AS9100 certified manufacturer. AHA Products Group is a part of Comtech EF Data Corp., a wholly owned subsidiary of Comtech Telecommunications Corp. (NASDAQ:CMTL) and part of Comtech's Commercial Solutions segment. For more information, please visit [www.aha.com](http://www.aha.com).

Comtech Telecommunications Corp. designs, develops, produces and markets innovative products, systems and services for advanced communications solutions. The Company sells products to a diverse customer base in the global commercial and government communications markets.

Certain information in this press release contains statements that are forward-looking in nature and involve certain significant risks and uncertainties. Actual results could differ materially from such forward-looking information. The Company's Securities and Exchange Commission filings identify many such risks and uncertainties. Any forward-looking information in this press release is qualified in its entirety by the risks and uncertainties described in such Securities and Exchange Commission filings.

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