

DDR4 Memory Tool Characterizes Cloud Computing Servers

Server Memory Performance key to adding profits to Data Centers' bottom line

January 21, 2015 Bedford NH: FuturePlus Systems today announced several recent enhancements to its DDR Detective® product line:

- First in the industry Performance Analysis that puts Cloud Computing Data Centers on the offense when it comes to selecting Servers
- Finalist in the DesignCon *Best in Test and Design* Contest
- New web site launched www.DDRDetective.com dedicated to the research of DDR Memory technology insight using the DDR Detective®

Cloud Computing is pervasive in our society today and DDR Memory is at the heart of every Server. Power Management, Performance, Efficiency and raw Bandwidth are key DDR Memory parameters that will determine what Server is right for a particular workload. Prior to the DDR Detective® there was no way to make detailed measurements that characterized a Server's performance. The DDR Detective® is providing never before seen insight like Page Hit, Bank Group Analysis, number of simultaneous Open Banks, Bank Utilization, Bus Mode Analysis, Power Management and Command and Data Bus Utilization accurately recorded every second for hours. Understanding the Servers performance and power consumption under different workloads is key to making data centers host more customers at a lower cost. The DDR Detective® can make this analysis at all speeds through 2666MT/s so its usefulness in the Data Center will span several generations of DDR4 deployment.

Selected by technical media conglomerate UBM Tech, FuturePlus Systems' DDR Detective® product is a Finalist in the *Best in Test and Design* contest under the subheading Design Verification Tools. "This is not the first time FuturePlus has been recognized by the industry for our tools but this certainly is the one we have worked hardest on," stated President Ed Aichinger. "The DDR Detective® can be deployed not only in the lab but in the Data Center to benchmark different manufacturers servers, memory settings and software so that Data Centers can add customers without just blindly adding servers". FuturePlus® was also selected to present a technical paper on 'Critical Memory Performance Metrics for DDR4 Systems' at DesignCon Wednesday January 28th. The DDR Detective® will be on display in the DesignCon Exhibit Hall on Wednesday January 28th and Thursday January 29th 2015.

About FuturePlus Systems: FuturePlus Systems has been a key player in the growth of the computer industry over the last 23 years. Its tools in memory and display technologies are used by engineers all over the world. FuturePlus Systems is a Strategic Solutions Partner to Keysight Technologies and its predecessors Agilent Technologies and Hewlett-Packard for over 20 years. The company is also a member of the Tektronix Embedded Tools Partner program. Learn More about FuturePlus Systems [here](#) and the DDR Detective [here](#).

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FuturePlus Systems
Power Tools for Bus Analysis

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NOTE TO EDITORS:

If you choose to review this item, your readers will receive the quickest response to their inquiries by emailing protocol.decode@futureplus.com. A photo of the FS2800 DDR Detective® can be [found here](#).

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