



## EBS Partner Newsletter

### Greetings!

The EBS Partner Newsletter is created to share the latest developments with our valued channel partners. This is an effort to help you uncover unlimited sales and market potential along with critical technology updates.

“With the power of AMD Opteron processor-based systems, EBS customers can realize the benefits of an enterprise-class Solaris 10 computing environment that scales to tap 64-bit technology without sacrificing 32-bit performance,” said Pat Patla, director, Server/Workstation Marketing, AMD.

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### Solaris Versus Linux - Which Should You Choose?



With the cost of a Linux or a Solaris 10 license the same - free - other factors now are more important than ever when deciding which operating system to use. Here are some of the factors to consider.

- **Performance.** Only Solaris has *Dtrace* which dynamically looks for and fixes internal issues that will effect performance.
- **Security.** Both Operating Systems offer *Access Control Lists*, restricting access to data. Only Solaris 10 offers *Role Based Access Control* and *Priority Rights Management*, making it the security leader.
- **Stability.** Under Linux you are faced are faced with multiple centers of control, with the potential of rapid and unanticipated changes. With Solaris 10 and Sun the lifecycle is known and predictable.
- **Support.** *Flexibility* is the key with the Sun Solaris support offerings. With Linux, support plans are vendor specific.

Step up to Solaris 10 - and let our FASTpath Migration services show you the way.

Comparisons from Seal Rock Research as appears on Sun Website

### Feature System overview/ HLS DualCore Athena W<sup>8</sup>

Processor Workstation Competitive Comparison

Workstation System Comparison	HLS with AMD Opteron™	Intel Xeon <sup>1</sup>	Intel Xeon <sup>2</sup>	Intel Pentium®4 <sup>3</sup>	Apple G5 <sup>4</sup>
Modular, glassless scalability	Yes	Requires Northbridge	Requires Northbridge	Requires Northbridge	Requires Northbridge
EMP Capabilities	Up to 10-way	Up to 2-way	Up to 2-way	2-way	Up to 2-way
Direct Connect Architecture	Yes	No	No	No	No
Dual-core technology	Yes	No	No	No	No
High Performance 32-bit and 64-bit computing	AMD64	EM64T	EM64T	EM64T	Yes
HyperTransport™ technology	Yes	No	No	No	Yes
Integrated DDR memory controller	Yes	No	No	No	No

This chart compares the features and advantages of the HLS Athena W<sup>8</sup> (pictured top right) using AMD Dualcore processors, with other processors powering workstations on the market today.

1) With Intel E7505 chipset 2) With Intel E7525 chipset 3) With Intel 925X chipset 4) G5 processor in Apple Power Mac G5 workstation. Information as appears on AMD website

### Why Choose Dual Core Technology?

Multi-core processors represent a major evolution in computing technology. Placing two or more powerful computing cores on a single processor opens up a world of important new possibilities. Multi-core processors enable true multitasking. On single-core systems, multitasking can max out CPU utilization, resulting in decreased performance as operations have to wait to be processed. On multi-core systems, since each core has its own cache, the operating system has sufficient resources to handle most compute intensive tasks in parallel. The AMD multi core chips utilize their unique integrated memory controller and HyperTransport technology, with each core having its own 1 mb L2 cache.

### Benefits of Multi-Core Technology

- Improved system efficiency and application performance for computers running multiple applications
- Enhanced performance for multi-threaded applications
- Support for more users or tasks for transaction-intensive applications
- Superior performance for compute-intensive applications
- Simplified overall computing infrastructure requirements helping to save you money
- Helps to eliminate thermal and environmental issues

### Dual Core Technology and High Speed Video make Athena the perfect workstation for:

- **Computational Intensive Applications**
- **Graphics Intensive Applications**
- **Digital Content Creation & Media**
- **Scientific & Engineering Graphics**
- **Medical Visualization**

### Partner News



EBS has been working with Information Management Group, Albany New York, on a web based server management project.

*"We are very pleased with the engineering depth and responsiveness that EBS has provided us while designing a solution for our client", said Glen Rundell, the president of IMG. "Ebs is determined to provide the right solution at the best possible price. Their engineering team listened to our requirements and created a custom tailored platform, and provided the migration support to let our client utilize this technology"*

### What's Coming - Next Edition

- **FASTpath Migration Services.** Find out how we can help your customer move up from their current OS to the advantages of Solaris 10
- **Desk Top Servers.** The power and functionality of a server, yet a compact style that fits anywhere in the office.

### October Promotion



All Dual Core Athena workstations ordered and shipped in October will receive an additional re-seller discount.

To learn more about our HLS line of Athena servers and workstations, click on the email link below and send your contact information to us, or call us at 978 663-2500 ext. 36.

### Featured System



*In This Newsletter We Feature Our DualCore Athena W<sup>8</sup>*

### The Athena W<sup>8</sup> Features Include:

- **Up to Eight AMD Opteron DualCore Processors**
- **Up To 64 Gb of memory**
- **11 drive bays**
- **SATA or SCSI disk Drive Technology**
- **nVidia FX Quadro Video Card**
- **PCI-Express Video Transfer**
- **8- USB ports 2.0**
- **2 - 1000/100/10 (gigabit) ethernet ports**
- **2- Firewire 1394a**
- **Optimized for Solaris**

See the Feature System Overview Section to read the details of this powerful system and its impressive graphics capabilities.

[Solaris Ready Program](#)

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