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**FOR IMMEDIATE RELEASE**

## **“Success Fact Sheet” Details IBM Innovation Center Acceleration of hyperI/O Integration Efforts**

*Article Published by IBM Highlights How Collaboration Expedited  
hIOMon File I/O Performance Monitor Integration with IBM® Tivoli® Monitoring*

**BOULDER, Colorado — August 28, 2008** — hyperI/O LLC, the file and disk I/O performance monitoring expert, announced today that International Business Machines Corp. has published a “Success Fact Sheet” article describing the collaboration between IBM and hyperI/O that enabled hyperI/O to quickly and efficiently enhance its industry-leading hIOMon™ File I/O Performance Monitor software utility tool to include integrated support for IBM Tivoli Monitoring solutions. The article is available for download at both the “Documentation” section of the hyperI/O web site and at the IBM web site ([http://www.ibm.com/partnerworld/iic/vbrief/hyperio\\_success.pdf](http://www.ibm.com/partnerworld/iic/vbrief/hyperio_success.pdf)).

“As an IBM Business Partner, hyperI/O was able to utilize the valuable resources provided by the IBM Innovation Center,” said Tom West, President of hyperI/O LLC. “These resources included not only IBM equipment and software but also access to workshops and IBM personnel. As a result, the hIOMon integrated support successfully met the IBM specifications for validation as ‘Ready for IBM Tivoli software’ with the validated “hIOMon IBM Tivoli Monitoring (ITM) Intelligent Remote Agent (IRA)” solution entry included in the IBM Tivoli “Open Process Automation Library (OPAL)” at [www.ibm.com/software/tivoli/opal](http://www.ibm.com/software/tivoli/opal).”

The hIOMon software package enables users to easily, quickly, and efficiently collect, display, and export “summary” I/O operation performance metrics, which are captured by hIOMon up at the application level and can be automatically aggregated upon an individual, specific file, device, and process/application basis. Moreover, these empirical metrics reflect the actual file and device I/O operations performed through the normal, everyday use of applications and associated files within production environments – and with no file, application, or operating system changes required.

As previously announced (19 August 2008), the hIOMon integrated support makes available to IBM Tivoli Monitoring – in an easy, quick, and efficient manner – a robust and broad set of summary I/O operation performance metrics upon an individual file, device, and process/application basis, which can then be viewed, graphed/charted, monitored for specific thresholds (i.e., ‘situations’), and used for trending analysis, capacity planning, service level agreement (SLA) monitoring along with a variety of other enterprise management tasks supported by the ITM solutions.

### **hIOMon Benefits**

hIOMon is a software utility package that provides a variety of important benefits, including the ability to better diagnose and understand disk storage access performance problems, to verify and

ensure that the required levels of performance (Quality-of-Service) are being met at the specific file/application level, to evaluate emerging storage technologies (e.g., iSCSI, SATA, etc.) and proposed improvements to the performance of computer systems, and to help reduce storage management costs. Especially with its included support for Windows Management Instrumentation (WMI), end-users, integrators and Independent Software Vendors alike find it easy to interface with hIOmon. “Out-of-the-box” features also include a Java™-based GUI, an Internet Explorer GUI in addition to CLI support, alert capabilities with System Event Log support, both I/O trace and automatically summarized/aggregated metrics upon an individual, specific file, device, and process/application basis together with both real-time and replay display modes, along with support for both the Windows Performance and System Monitors and several CSV-file export capabilities.

Users/applications armed with the extensive set of file and device I/O performance metrics that only hIOmon provides can validate and continually verify that those steps taken to maximize disk storage utilization and performance are indeed of benefit. Such steps include identifying “hot files” and moving files around the storage hierarchy, SAN, NAS, etc. to improve performance by making the best use of newly purchased hardware or without spending IT dollars upon new hardware. Use hIOmon to help identify those files best suited for SSD, RAM disk and other higher performance disk solutions. Substantiate the benefits in terms of actual performance metrics specific to key files and the associated applications. With its many features and capabilities (along with an efficient architecture), hIOmon answers the question: “*How fast are your files?*”™ in terms of a variety of metrics, including response time, I/O count, I/O rate, data transfer rate, system file cache “hit” and “miss” counts/percentages, queue depth and idle time, random/sequential access detection, physical device I/O activity plus real-time, metric-based file/device/process “Top Ten” list sorts and more.

## **hIOmon Availability and Pricing**

The hIOmon File I/O Performance Monitor (a Licensed Software package available only from hyperI/O LLC) currently supports Microsoft Windows 2000, Windows XP, Windows Server 2003, and Windows Vista™. Pricing for hIOmon starts at under \$100 (USD), with volume discounts and technical support packages available. A free 30-day, full-function evaluation copy of hIOmon can be downloaded at the hyperI/O LLC web site ([www.hyperIO.com](http://www.hyperIO.com)), along with full documentation, overview presentation, screen shots and white paper.

## **About hyperI/O LLC**

A privately held Independent Software Vendor (ISV) founded in 1999 and located in Boulder, Colorado, hyperI/O LLC designs, develops, and markets disk I/O performance measuring and monitoring software utility solutions targeted to help address the fundamental performance gap between computer systems and storage I/O. hyperI/O LLC has designed, developed and currently offers a premier, unique software solution called hIOmon, the File I/O Performance Monitor.

## **Contact**

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