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**FOR IMMEDIATE RELEASE**

# **hIOMon File I/O Performance Monitor from hyperI/O Receives “Ready for IBM Tivoli software” Validation**

*Integration Enables Enterprises Using IBM Tivoli Monitoring to  
Leverage the Unique File and Disk I/O Performance Metrics Captured by hIOMon*

**BOULDER, Colorado — August 19, 2008** — hyperI/O LLC, the file and disk I/O performance monitoring expert, announced today that the integrated support for IBM® Tivoli® Monitoring provided by the industry-leading hIOMon™ File I/O Performance Monitor software utility tool from hyperI/O has successfully met the IBM specifications for validation as “Ready for IBM Tivoli software”. In addition, the validated “hIOMon IBM Tivoli Monitoring (ITM) Intelligent Remote Agent (IRA)” solution entry has been included within the IBM Tivoli “Open Process Automation Library (OPAL)” at [www.ibm.com/software/tivoli/opal](http://www.ibm.com/software/tivoli/opal).

“The IBM Tivoli Monitoring solutions are a premier means for managing distributed resources and provide a comprehensive, enterprise-wide backbone for availability and performance monitoring,” said Tom West, President of hyperI/O. “With the hIOMon integrated support for ITM, IBM Tivoli Monitoring has become the first enterprise solution of its type to retrieve and utilize the unique ‘summary’ file and device I/O operation metrics collected and made available only by hIOMon.”

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.

“The hIOMon ITM IRA 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,” added West. “In turn, these hIOMon metrics 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 IBM Tivoli Monitoring 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.

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