



## A Hiperware Solution

### Real-Time Search for Effective and Automated Compliance

HiperSearch is the world's first search engine to provide Real-Time Search of enterprise processes, activities or assets.

Available as a complementary product to existing search engines such as Google Search Appliance and Oracle Secure Enterprise Search, HiperSearch allows businesses to search business processes *as they happen*, which means that timely and effective action can be taken – always.

***“Today’s Search Engines must organize and index information before it can be searched.***

***HiperSearch overcomes this limitation by searching information ‘as it arrives’ – providing the means to intervene on a breach in compliance and act on it BEFORE damage can be caused.”***

As businesses seek the most effective measures to automate compliance and security, HiperSearch provides a mechanism to track any business process – stopping errant activities before they can cause damage and monitoring the effectiveness and efficiency of others.

Features	Benefits
<b>Real-time Search Platform</b>	Real-time search allows timely action to be taken on information “as it arrives” or “as it is generated”
<b>Search Filters</b>	
Comprehensive text filters	Multiple text search patterns can be specified including regular expressions and keywords
OCR search filters	Search of for text and characters information in image-data
Relational Queries	Allows highly complex queries using SQL-like joins and extractions on structured data
<b>Extension for Popular Search Engines</b>	HiperSearch extension is available with Oracle Secure Enterprise Search and Google Search Appliance.
<b>Multi-platform support</b>	Support for Linux, Windows XP, Solaris 10. HiperSearch runs on multi-core commodity hardware to enable highly scalable search infrastructure as your needs grow.
<b>Partner-friendly</b>	HiperSearch is ready to be used and customized by qualified IT-services partners.



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## HiperSearch Datasheet

### Functional Specifications

- Software platform for Real-time Search
- Search filters for both structured and unstructured data
- Works as extension to offline search engines – Google Search Appliance, Oracle Secure Enterprise Search
- Easily integrated with enterprise dashboards
- Search expressions may be specified before deployment (one-time) or while HiperSearch is running (any-time)
- Multiple search criteria maybe specified simultaneously

### Features – Text Search

- Applicable to structured and unstructured data
- Keyword search (one or more)
- Regular expression search (one or more)

### Features – Relational Queries

- Real-time search on structured information (CSV)
- Multiple relational query criteria may be specified
- Relational-Join of live data with 'master data'
- SQL-like logical constructions using a combination of multiple search conditions

### Features – OCR Search

- Text and character recognition in images
- Support for most common image formats

### Language Support

- UTF-8 and Unicode support
- Support for Roman, Japanese and Chinese characters

### Extensibility and enabling tools

- Command-line tool for application execution
- Support for extending new data-types
- Support for extending new Real-Time Search filters
- Support for integration into external applications

### Hardware System Features

- Highly scalable. Performance optimized on commodity multi-core and multi-server (cluster) environments
- Support for Linux, Solaris, Windows XP/ 2000/ 2003

### Support and Services

- Online documentation for developers, users
- Multi-level support (phone, email, on-site).



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# Case-Study: Monitoring Enterprise Printing

## Cost Savings from Printer Monitoring

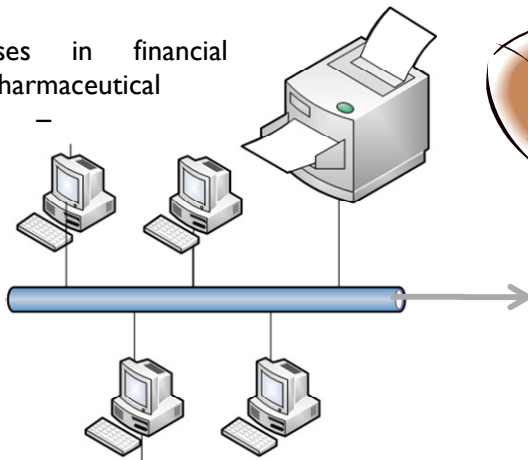
Companies have monitored enterprise printing primarily as a deterrent to wasteful printing. According to RISI, a research firm that tracks forest products, in 1975 the average U.S. office worker used 62 pounds of paper a year, while in 2006 it has peaked at 127 pounds<sup>1</sup>. RISI estimates that companies will spend about \$8 billion this year on paper alone; that doesn't include costs for ink, toner or running copiers, printers, and fax machines. In the typical office, for every dollar spent on printing documents, companies incur another six dollars in handling and distribution, according to Xerox.

## Security Benefits of Printer Monitoring

Increasingly, businesses are focusing on the enterprise printer for different reasons – to ensure suitable measures for protection of intellectual property and sensitive materials. When IT Directors of 103 companies were asked<sup>2</sup> whether they believed insider or outsider threats posed a bigger problem to their organization, more than 80 percent of the 103 Directors surveyed prioritized insider threats - defined as either unintentional data leakage or deliberate data theft. Less than one in five respondents felt that external threats posed by hackers are more dangerous.

This could be in part due to the fact that 37 percent of respondents have experienced leakage of sensitive information in the past year. In line with this, internal security is at the top of IT Directors' shopping lists when respondents were asked to rank potential future investments that included perimeter security, staff mobility and network performance.

For businesses in financial services to pharmaceutical research protecting sensitive know-how and information means protecting the business from billions of dollars in lost revenue or loss in reputation.



### Partner Product: Monitors Printing

- Curtails printing of sensitive documents
- Deters unproductive printing
- Key security compliance capability

## Case Study

Our client, a multi-1000 user installation required the most effective measure to ensure both – compliance to meet its stringent reporting standards and effective tracking of irresponsible printing activities on the enterprise printer.

HiperSearch was combined with a partner's printer monitoring software to present a complete solution.

Designed as a simple to deploy solution, the only integration-point includes a small monitoring software on desktops – whose printing activities could then be centrally monitored by a server-installation of HiperSearch.

By combining HiperSearch with the monitoring tool, the solution was able to present a comprehensive deterrent – including the ability to track keywords and patterns in a print-job that may be considered sensitive. By including OCR-search, the monitoring was extended to information that may be embedded inside images – covering the complete range of printable documents.

By minimizing the integration effort, the HiperSearch installation allowed the IT-department to secure its businesses with minimum overhead and without downtime. In all, HiperSearch was able to provide a formidable compliance and security capability to our client.

### Dashboard:

Allows display of search results with print-jobs that potentially breach in compliance

### Search and Monitoring:

HiperSearch enables instant search on print-jobs "as they are received". This includes OCR search and text patterns.

### Search and report using archives:

HiperSearch works with a Japanese "Offline" search engine so that data can be archived and searched later when required.

<sup>1</sup> [http://www.enterprise-security-today.com/story.xhtml?story\\_id=011000ZAX5VI](http://www.enterprise-security-today.com/story.xhtml?story_id=011000ZAX5VI)

<sup>2</sup> Secure Computing Survey, May 28, 2008