

# HP Enterprise Security Products Global Services

## Data Loss Monitoring with HP ArcSight ESM and Autonomy IDOL



Actively protect your communication channels and sensitive data stores

### Achieve maximum value from your HP ESP solution

Every organization faces a unique set of business challenges. HP ESP offers a spectrum of best-in-class training and services that revolve around your specific business requirements—HP ESP Global Services.

HP ESP Global Services maximizes the value of your HP ESP Solution by helping your company solve business challenges based on the way you do business and by continually optimizing our services to meet your business needs as they evolve. Our years of experience and proven expertise have resulted in thousands of success stories for businesses in core vertical markets, including financial services, retail, telecommunications, healthcare, and government.

### Better Together (HP ArcSight ESM + Autonomy IDOL)

This Service leverages the capabilities of HP's marketing leading technologies, HP ArcSight ESM and Autonomy IDOL, to more effectively identify data losses. Upon identification of suspicious data transfers and communications by HP ArcSight ESM, Autonomy IDOL compares the content of those communications to known data stores containing intellectual property and protected information. Autonomy IDOL then calculates a "Proximity" score indicating how closely the content of the communications relates to protected information. The results are then sent to HP ArcSight ESM and matches subjected to further analysis and the incident response process.

### Data Loss Monitoring

Data Loss Monitoring is a customized global service that protects against data loss by monitoring communication channels and sensitive data stores for the theft of IP or leakage of sensitive information.

#### Data Loss Monitoring advantages:

- Identify and eliminate threats before they are exploited
- Minimize the impact of adverse events that do occur
- Achieve situational awareness of current threats
- Automate manual reporting processes
- Expedite remediation and incident response times
- Continually measure the effectiveness of security processes
- Automate the monitoring and enforcement of security controls
- Fully integrate people, process, and technology into the life cycle of security events

### Uncover actionable events

HP ESP Global Services provides a comprehensive library of data loss use cases and corresponding content to ensure that your security-monitoring program accurately identifies actionable events.

The screenshot shows the HP ArcSight ESM interface. On the left, a table displays alerts triggered by email content. On the right, the email content is shown, which is the source of the alert.

Manager Receipt Time	Name
2 Sep 2012 15:29:30 PDT	IDOL - Potential loss of Mergers data - Proximity: 57.02
2 Sep 2012 15:29:30 PDT	IDOL - Potential loss of Research data - Proximity: 51.15
2 Sep 2012 15:29:30 PDT	IDOL - Potential loss of HR data - Proximity: 60.08

The email content on the right includes the following text:

Original Email | chemicalformula.jpg

From: Jameson Jones  
Sent: Tue Aug 28 17:48:10 2012  
To: Jack Smith  
Subject: FW: Nuclear Draft v0.001update  
Importance: Normal

We notify Jack about this?

From: Alicia Adams  
Sent: Tuesday, August 28, 2012 5:46 PM  
To: Jameson Jones  
Subject: RE: Nuclear Draft v0.001update

You're missing some vital elements. You need to do further research on this to enhance the formulaic quantity. I have attached the correct chemical composition. Once you have revised the blueprint, send it to Jack.

**Figure 1:** HP ArcSight ESM displaying high-priority Autonomy IDOL alerts triggered by email content.

## Security intelligence for managing your business

Networks have rapidly evolved from a single gateway to a mix of multiple gateways, mobile devices, and the cloud, resulting in increasingly more complex and pervasive threats to your company's information assets. Among them are botnets, malware, phishing, SQL injections, viruses, malicious code, and worms. Insider threats, such as policy violators, privileged users, and high-risk users—new hires, contractors, and notice-given employees—account for a majority of breaches. The adverse effects of these threats, lost productivity and escalating remediation costs, continue to grow exponentially.

HP ESP Global Services excels in providing the monitoring capabilities you need to quickly and cost-effectively reduce your company's risk of data leaks and drive security process efficiencies.

## Advisory, performance, and managed services

Whether you're just beginning to develop a security strategy or enhancing an existing security program, HP ESP Global Services can help you maximize the long-term operational, security, and risk management value of your HP ESP Solution. The sooner you invest in HP ESP Global Services, the sooner you can achieve overall situational awareness and rapid ROI.

**Advisory services:** Architecture and design, operations primer, maturity assessment, analyst training, operations advisor

**Performance services:** Implementation, upgrades and tuning, health checks, content design FlexConnector development

**Managed services:** Security intelligence and operations, perimeter and network security, insider threat, compliance and risk management, universal log management, advanced persistent threat, data loss monitoring, data privacy monitoring, application and transaction monitoring, software security assurance.

## Holistic approach

HP ESP Global Services take a customized holistic approach to solving common business challenges and achieving overall situational awareness. We use a combination of operational expertise—yours and ours—and proven methodologies to deliver fast, effective results and demonstrate ROI. Our proven, use-case driven solutions combine market leading **TECHNOLOGY** together with sustainable business and technical **PROCESS** executed by trained and organized **PEOPLE**.

## Proven expertise

HP ESP Global Services is strategically positioned to optimize the value of your HP ESP Solution. To date, our years of experience and proven expertise have resulted in thousands of success stories in core vertical markets the world over, including the following:

- Financial Services
- Retail
- Telecommunications
- Healthcare
- Government (defense, transportation, law enforcement, utility regulations)

## Repeatable methodology

HP ESP Global Services first develops a security operations competency that serves as the foundation of the information security program. Innovative technologies then monitor and gather information and deliver real-time results to the people who must act on it. This process ensures that all operations are consistent with mature processes and procedures, and that personnel are well trained in their respective roles.

## For more information

Learn how Data Loss Monitoring and the full line of HP ESP Global Services can help you overcome your most pressing business challenges visit [www.hpenterprisesecurity.com](http://www.hpenterprisesecurity.com).

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