SearchInform Next-Gen DLP

Why is data important?

In today's world, every company, from small businesses to international corporations, relies on data. This data can take many forms, such as financial documents, customer information, technical blueprints, and internal communications. The disclosure of sensitive data can lead to significant financial losses and be devastating for any business.

Protecting confidential data isn't just about meeting compliance requirements; it's a smart and strategic decision. Securing sensitive information helps companies avoid financial losses and preserve the trust of clients, partners, and employees.

What is the Next-Gen DLP system?

A DLP system protects your data from accidental leaks and intentional data breaches. The Next-Gen DLP solution enhances data-centric security to the next level by adding tools to manage business-related risks and user-centric security measures.

01 Data classification

02 Data leak prevention

03 Business risks mitigation

MAIN ADVANTAGES:

FLEXIBLE DEPLOYMENT MODELS

- Available on-premises or in the cloud
- Supports multiple operating systems
- Easily integrates with existing infrastructure

360˚ PROTECTION

- Classifies data and manages access rights
- Protects data across cloud and physical environments
- Guards against fraud and human-related risks

UNIFIED PLATFORM

- One interface for policy management, data protection, and incident investigation
- Advanced analytical tools, including AI-powered capabilities
- Simplifies compliance processes

Next-Gen DLP for Business

Robust Protection Across Data Channels

SearchInform's Next-Gen DLP covers all major data transfer paths, like network traffic, email, cloud services, instant messengers, USB drives, and printing, ensuring comprehensive oversight across your entire IT ecosystem and reducing financial losses due to exposure of confidential information.

Simplified Compliance and Risk Mitigation

The system automates policy enforcement and logs all sensitive data activities, helping organizations meet regulatory requirements (like GDPR and PCI DSS) and avoid costly penalties or data loss incidents.

Low Operational Requirements

Next-Gen DLP system is easy to set up and operate. It is cost-efficient to maintain, does not require advanced IT expertise, and works smoothly without placing a heavy load on infrastructure.

Flexible deployment

The Next-Gen DLP system is fitted for the needs of companies that prefer an **on-premises deployment model**. The solution is fully compatible with different OSes (Windows, Linux-based OSes, and MacOS). The server can work on Windows- and Linux-based workstations. Databases support MS SQL, PostgreSQL, and other DBMSs. A wide range of supported technical options ensures that the Next-Gen DLP system will not require any special hardware or software.
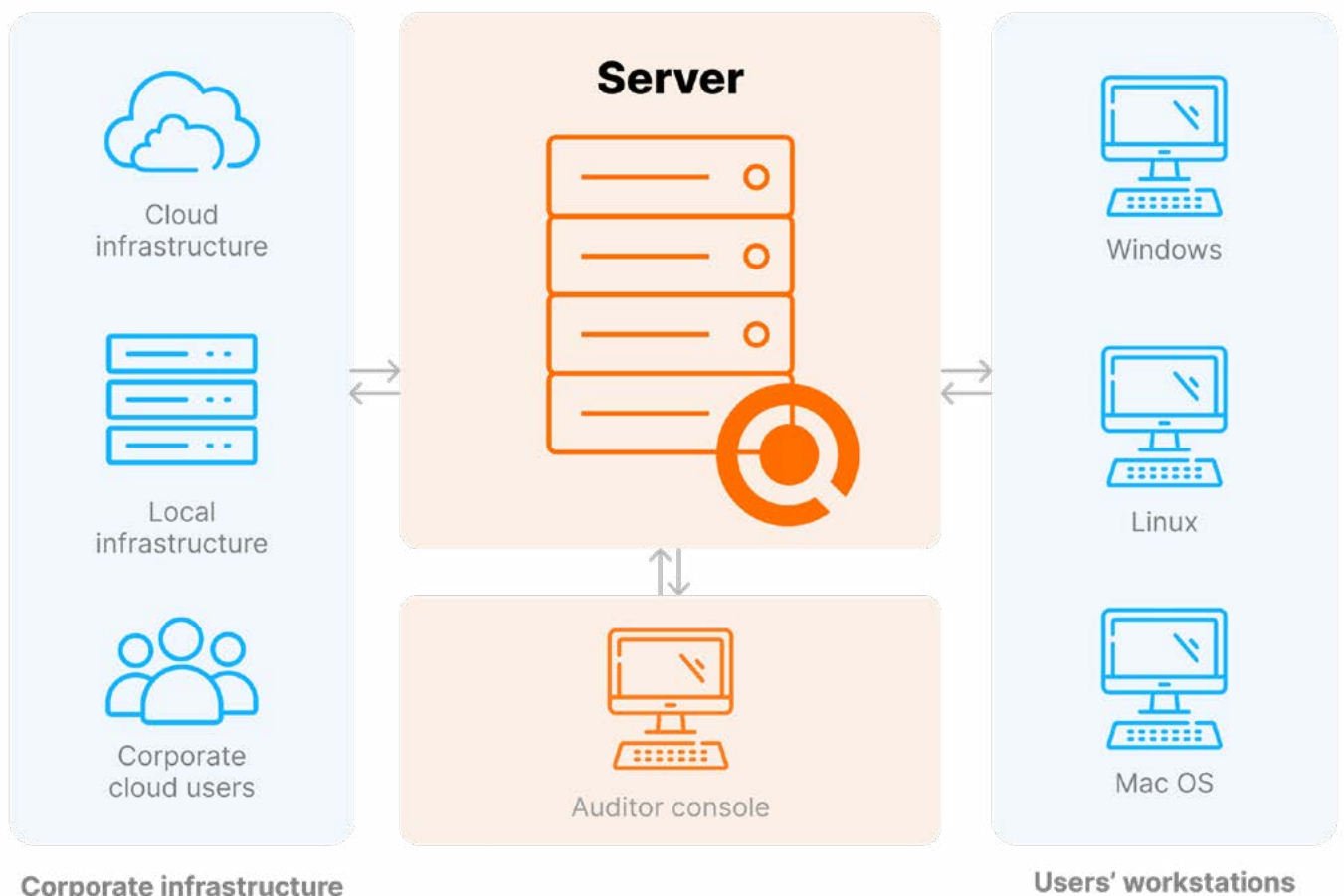
The cloud deployment model ensures a swift implementation of the security solution and cuts budget expenses for the purchase of required hardware. This deployment model is a perfect fit for companies with a huge number of remote workers or regionally distributed offices, as it ensures the safety of confidential documents for highly mobile personnel.

Risk Monitor architecture

Auditors use a single console to configure and apply security policies to workstations and cloud and physical infrastructures.
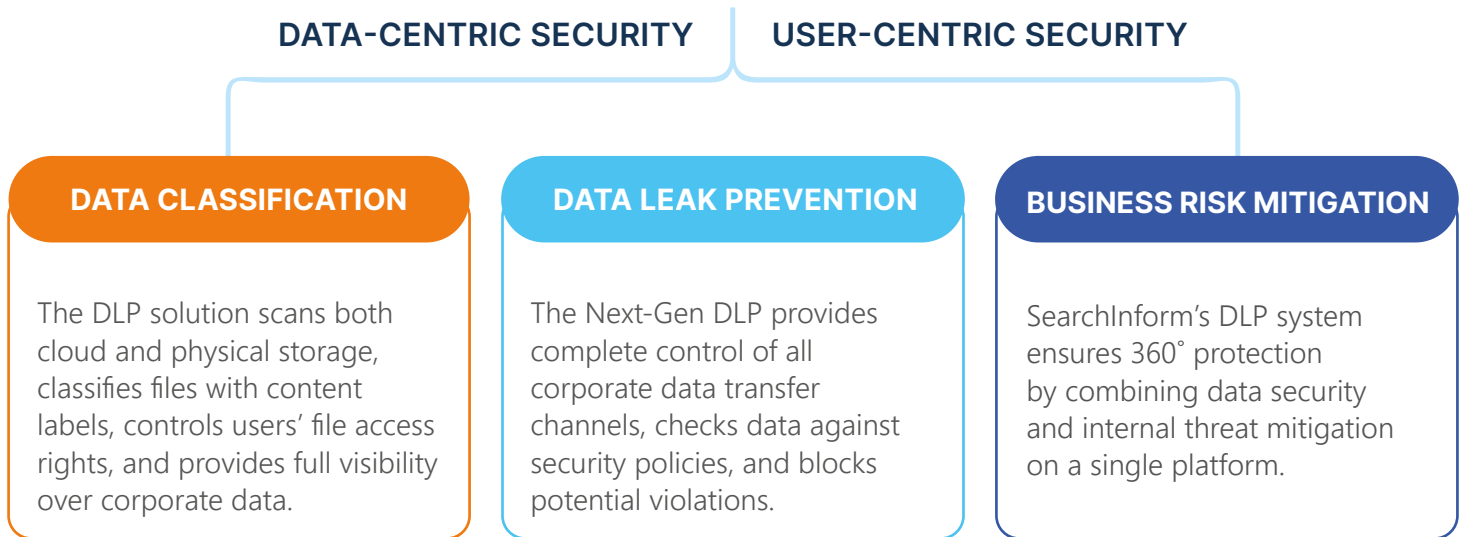
The DLP system analyzes transferred data, prevents unauthorized data transmissions, and alerts a security team about potential violations.

The solution collects logs of user activity, including intercepted data. It provides security specialists with powerful tools for investigation and incident response.

Corporate infrastructure
- Cloud infrastructure
- Local infrastructure
- Corporate cloud users

Server
- Auditor console

Users' workstations
- Windows
- Linux
- Mac OS

How does Next-Gen DLP work?

SearchInform's solution provides a three-level approach to information security.

DATA-CENTRIC SECURITY   USER-CENTRIC SECURITY

DATA CLASSIFICATION

The DLP solution scans both cloud and physical storage, classifies files with content labels, controls users' file access rights, and provides full visibility over corporate data.

DATA LEAK PREVENTION

The Next-Gen DLP provides complete control of all corporate data transfer channels, checks data against security policies, and blocks potential violations.

BUSINESS RISK MITIGATION

SearchInform's DLP system ensures 360˚ protection by combining data security and internal threat mitigation on a single platform.

1 Data classification

The Next-Gen DLP provides visibility of the company's data and protects data at rest.

Classification of sensitive data.

The solution scans all files stored in the cloud and on physical servers, analyzes their content, and marks them with special labels based on sensitivity.

Access rights management.

Security policies are applied to files, handling list of permitted or prohibited actions for users.

Archiving critical documents.

SearchInform's DLP system makes shadow copies of important files and records the history of changes to them. In such a way, it ensures the recovery of lost information in case of an incident.

Monitoring and blocking user action.

The Next-Gen DLP system tracks all users' actions with files and folders, and blocks any potentially dangerous file operations.

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Data leak prevention

The solution provides effective protection against data leaks.
It ensures the safety of corporate assets by controlling data in motion.

The Next-Gen DLP system monitors all major business communication channels:

E-mail

Protects corporate and public email services (Gmail, Yahoo), email clients, and email in browser. ✓

Cloud services

Collects, categorizes, and blocks files, transmitted to cloud services or collaboration tools. ✓

Instant messengers

Monitors and blocks messages, calls, and files transmitted via messengers, including encrypted ones like WhatsApp or Telegram. ✓

Web traffic

The DLP system collects, analyzes, and blocks any unspecified browser and web traffic, ensuring comprehensive data monitoring. ✓

Watermarks

Safeguards against attempts to take a photo of screen with the help of special watermark system. ✓

Seamless integration with Microsoft 365

The trend of moving to cloud-based services continues to increase. As applications and data move to the cloud, traditional methods of protecting endpoints are no longer sufficient.

The Next-Gen DLP solution is fully compatible with Microsoft 365, one of the most popular cloud services, and supports all other major cloud-based services, such as Google Docs, iCloud Drive, and Amazon S3. SearchInform has developed specialized Microsoft 365 protection to safeguard corporate data for its clients, as a majority of businesses use it on a daily basis.

▶ The integration is implemented using Graph API, providing clients with full access to all critical security solution functionalities.

▶ The Next-Gen DLP system protects across all Microsoft 365 services, including Word, Excel, PowerPoint, Outlook, Teams, SharePoint, and OneDrive.

▶ The solution works with the classification labels assigned through Microsoft Information Protection. Additionally, it is possible to classify all files and assign confidentiality labels to them in accordance with the company's internal standards or local legislation.

▶ The Next-Gen DLP analyzes the context and content of a file to ascertain its type, confidentiality level, and whether it is subject to specific security policies.

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Business risks mitigation

The Next-Gen DLP equips companies with a powerful and automated toolset for monitoring employees and assessing risks.

Internal risks and corporate fraud

SearchInform's Next-Gen DLP system uses behavior analytics to profile employees and detect reckless behavior. It also detects illegal activities such as moonlighting or kickbacks, supports internal investigations, and provides the evidence needed to prevent potential threats.

Unified security platform

The solution includes a task management system, digital forensics tools, a library of 250 built-in security policies, and a comprehensive incident archive. All features are unified in a single interface accessible from any device or web console, enabling rapid response and efficient alert management.

AI-powered protection

The DLP system's neural network detects images that resemble standard forms, such as photographs, scans of passports, or bank cards, and automatically classifies them, accelerating the application of security policies. AI-powered capabilities help to block access to data at rest and in motion, whether it's being sent, recorded on flash drives, uploaded to cloud storage, or printed.

Analytical capabilities

The Next-Gen DLP includes a powerful analytics module with advanced search features, such as similar-content detection, regular expression–based searches, and support for complex queries.

Regulatory compliance

SearchInform DLP's automated reporting features significantly reduce the time required for both routine and incident-related reports, while streamlined data management enables consistent control over sensitive information. The system ensures full compliance with global standards such as PCI DSS, ISO 27001, and GDPR, as well as local data protection regulations.

Risk Monitor
Next-Gen DLP solution

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