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ENTERPRISE RECON WORKS WITH DATA LOSS PREVENTION

Data discovery may be a prerequisite of an effective data management solution, it offers benefits far beyond an initial data inventory. Advanced solutions like Ground Labs Enterprise Recon deliver value throughout the data lifecycle, enabling periodic discovery, remediation, monitoring and management of known and unknown data stores.

The Basics of Data Loss Prevention (DLP)

Increasingly, organizations recognize the importance of data security and preventing unauthorized disclosure of information. One of the most common solutions to help with this is data loss prevention (DLP).[1] DLP solutions monitor data leaving an organization's network by email or via other gateways and alerting or blocking that data if it is marked with a sensitive classification.

Most DLP solutions work by reading file metadata to identify classification tags or labels. At the most simplistic level, when a DLP solution identifies a file with a sensitive classification (such as Confidential or Secret) it will block that file from leaving the organization and issue an alert.

Most DLP solutions can be configured to handle such data in a range of different ways, based on other controls or flags that may be in place. For example, DLP solutions may force encryption of sensitive data sent to allow-listed email and IP addresses, while data sent to deny-listed addresses will be blocked.
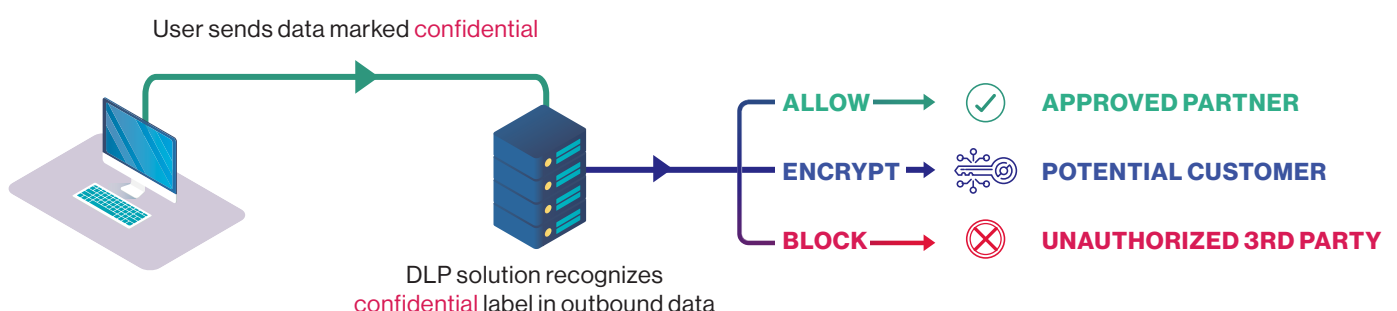
Maximizing the Value of DLP

For DLP solutions to work, data must be classified and labelled according to its sensitivity. Without this, DLP solutions offer limited protection because they have no other way of identifying what data to allow or block.

DLP is as effective as the quality of the classification of information across an organization. To maximize the value of DLP, it's important that there is a comprehensive inventory of all data across the network, whether structured in systems such as databases or in unstructured forms such as email.

Accurate and reliable data discovery is essential for this inventory process, since the greatest risks to organizations' data security is the data they don't know they have, held in locations that aren't designed to protect it.

This data inventory facilitates the labelling of all critical and sensitive data required for DLP to identify it. Some organizations may choose to implement classification tools to streamline this process, such as Microsoft Purview Information Protection.[2] These tools enable rule-based classification of data, helping automate and enforce the application of classification labelling that is then be used by DLP solutions.

User sends data marked confidential

DLP solution recognizes confidential label in outbound data

ALLOW → ✓ APPROVED PARTNER

ENCRYPT → POTENTIAL CUSTOMER

BLOCK → ⊗ UNAUTHORIZED 3RD PARTY

Enterprise Recon Supports DLP

With its powerful GLASS Technology™,[3] Enterprise Recon by Ground Labs provides fast, accurate data discovery alongside remediation and data management capabilities. While it can be used to perform periodic discovery scans to produce and validate a data inventory, Enterprise Recon also facilitates the data classification and labelling essential to DLP.

Enterprise Recon goes beyond simply identifying information for classification and can be used to label data using its integration with Microsoft Purview (previously Microsoft Information Protection – MIP)[4]. This integration enables classification and labelling of data using sensitivity labels. Sensitivity labels are added to the metadata of files and emails by Purview, so they are persistent wherever that data is located.

Using this integration, Enterprise Recon can apply or remove sensitivity labels to data reported in discovery scan results. As well as applying and removing labels, Enterprise Recon can be used to validate data labelling and remediate inaccurate classification. This rapid classification ability enables organizations to maximize the potential of their DLP solution, greatly reducing the risk of data loss through poor data classification practices.

Enterprise Recon ensures organizations maintain oversight of all data within their environments, its classification status and associated risk profile. Beyond discovery, Enterprise Recon ensures effective DLP by streamlining data classification and labelling, further enhanced through its integration with Microsoft Purview.

Data discovery using solutions such as Ground Labs Enterprise Recon helps to eliminate the unknowns around an organization's data. Offering comprehensive, customizable data discovery across on-premises and cloud environments, Ground Labs solutions delivery fast, accurate results.

ENTERPRISE RECON

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Established in 2007 and trusted by more than 4,500 companies in 85 countries, Ground Labs offers award-winning data discovery and management solutions for all industry sectors.

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1 https://go.groundlabs.com/data-loss-prevention-data-discovery
2 https://www.microsoft.com/en-gb/security/business/information-protection/microsoft-purview-information-protection
3 https://go.groundlabs.com/glass-difference
4 Microsoft Purview is available to Microsoft E5 customers. A 90-day Purview solutions trial is available to non-E5 customers.