



REMEDIAATION

DATA RISK ASSESSMENT

PREPARED FOR UMBRELLA CORP

CRITICAL FINDINGS

0 10 20 30 40 50 60 70

DATE CREATED: 8.7.23

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“I was amazed by how quickly Varonis was able to classify data and uncover potential data exposure during the free assessment. It was truly eye-opening.”

Michael Smith, CISO, HKS

WHY DID UMBRELLA CORP START A VARONIS DATA RISK ASSESSMENT?

Umbrella Corp has a board-level requirement to discover, classify, and label all PII to ensure compliance and downstream DLP effectiveness. Umbrella Corp's recent ransomware incident highlights the need for data monitoring. Without action, they face regulatory fines and data exposure levels that leadership is not comfortable with.

Challenges



Classifying sensitive data and fixing exposures is a struggle.



Quantifying data security posture and showing progress to the board is a must.



Data remediation efforts are difficult with a small team.



There is a need to monitor data usage and alert on abnormal activity.



Sub-units operate independently — a unified data security program is needed.

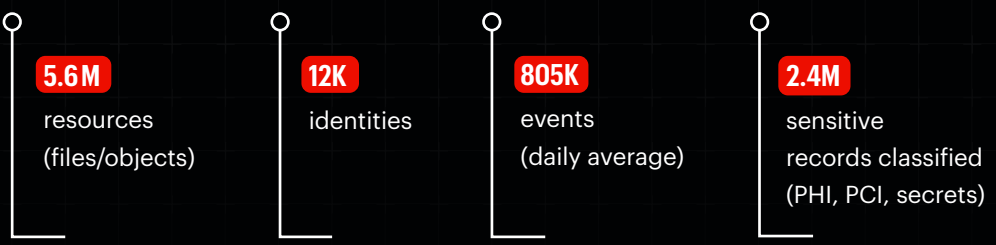
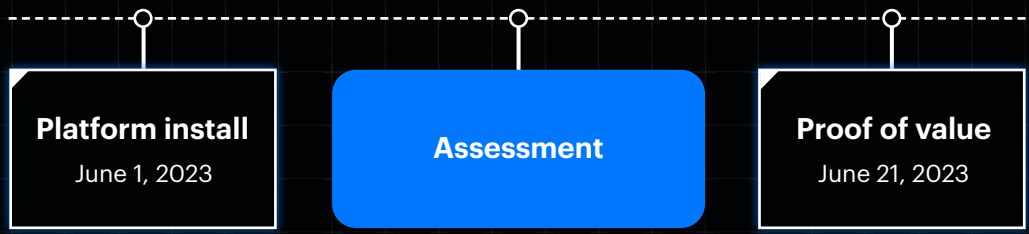
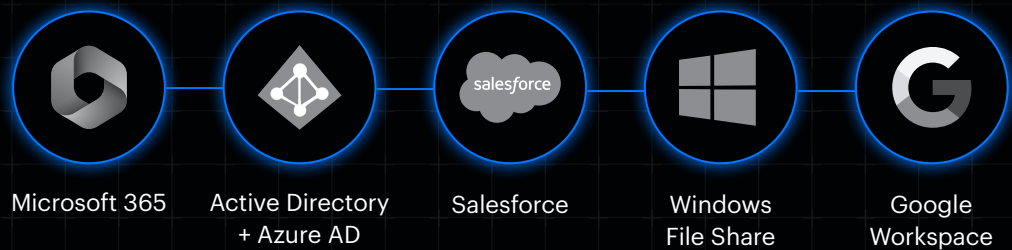


Compliance audits are manual and incomplete.

UMBRELLA CORP'S RISK ASSESSMENT OVERVIEW

Connected data sources and assessment timeline

Varonis can connect to dozens of additional data sources. Setup takes minutes.



Note: only a portion of Umbrella Corp's overall environment was connected for the POC.

CRITICAL FINDINGS

Risks that could result in a data breach

Below are the top four findings that Varonis deems a critical data security risk.

1

HR compensation reports shared publicly via "anyone" links.

2

332 Salesforce users can export production data.

3

An external user is a super admin in Google Workspace.

4

A marketing assistant triggered an abnormal data access alert.



CRITICAL FINDING #1

HR compensation reports shared publicly via “anyone” links.

Melissa Donovan accidentally exposed the company’s bonus information to the internet.

The screenshot shows the 'Access Intelligence' interface for a file named 'International Bonuses.docx'. The 'Name' column lists the file, and the 'Permissions' column shows a green checkmark and the text 'Guest link (vi)'. To the right, the 'Permissions' section for the file is displayed, showing a green checkmark and a link icon next to 'Anonymous Log...' with the label 'Guest link (view)'. Below this, there are three other permission entries: 'Site collection Ad...' with 'Full control', 'Bonuses - Internat...' with 'Full control', and 'Bonuses - Internat...' with 'Read'.

Risk type:

Public data exposure

NIST control:

AC-3(9): Controlled Release

Affected system:

Microsoft 365

Observation:

Melissa Donovan, an HR business partner, uploaded International Bonuses.docx to her HR Teams site on January 12. Varonis’ classification scan identified 231 instances of PII within the file and our logs show she created the “Anyone” link on February 13, exposing the file to the internet. The link has been accessed by anonymous users from 27 various IP addresses globally.

Recommendation:

Revoke “Anyone” access to this file immediately by disabling the link. Disable the ability to share publicly. Use Varonis automation to revoke any public link to files containing sensitive information.

CRITICAL FINDING #2

332 Salesforce users can export production data.







The regular “Sales” profile grants export access. This is too broad and should be fixed.

Export Reports

Configuration Permission | Account Name: Production | Created: Sept. 18, 2022 09:51 AM (GMT-4:00)

Entitlements Users

Showing 332 results

Name	Email	Service	Last Active
 Melissa Do...	user1@acmelab.com	 Producti...	Mar. 3, 2022 10:12 AM (GMT...
 Josh Hamm...	user2@acmelab.com	 Producti...	Sept. 18, 2022 09:51 AM (GMT...
 Jerome Boy...	user3@acmelab.com	 Producti...	Sept. 22, 2022 08:30 AM (GMT...

Risk type:

Sensitive data exposure

NIST control:

AC-2(7): Role-Based Schemes

Affected system:

Salesforce (production, sandbox, dev)

Observation:

Varonis scans identified a toxic combination of permissions that creates a serious data exfiltration risk — 332 salespeople, via their “Sales” profile, can export all lead, contact, opportunity, and account data from Umbrella Corp’s production Salesforce instance.

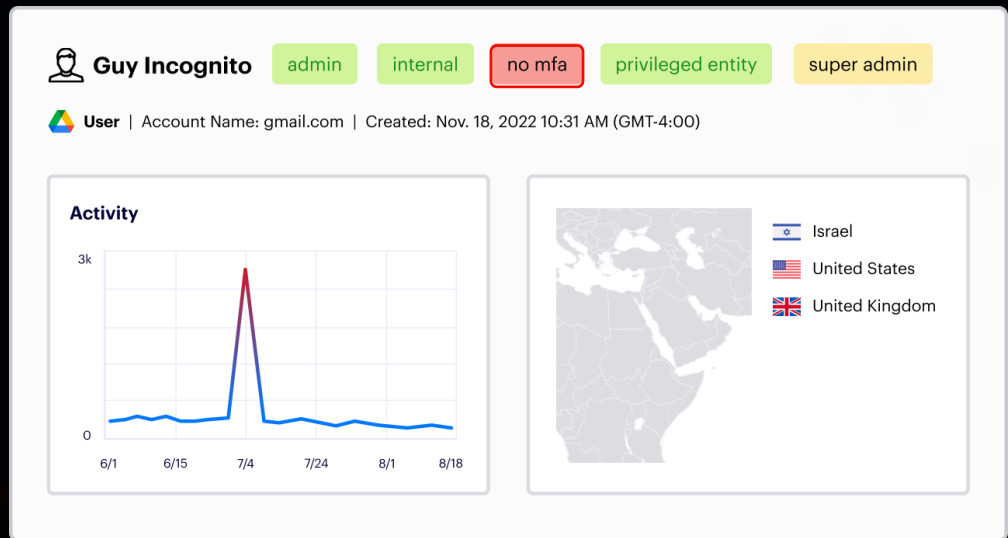
Recommendation:

Remove the export report permission from the “Sales” profile and any other non-admin role. Review all profiles and permission sets that grant highly privileged actions — such as export report, modify all data, and read all data.

CRITICAL FINDING #3

An external user is a super admin in Google Workspace.

Guy Incognito is a super admin without MFA. His activity spiked on July 4, which triggered an alert.



Risk type:

Insecure admin account

NIST control:

AC-2(7): Privileged User Accounts

Affected system:

Google Workspace

Observation:

Guy Incognito is an external contractor using a personal Gmail account to access Umbrella Corp's Google Workspace account. This user has super admin rights and does not have MFA enabled. This account is considered extremely high risk.

Recommendation:

Immediately enforce MFA on Guy Incognito's account and add to a watch list in Varonis. Review the user's past 30 days of activity, entitlements, and related identities. Decide whether this external user truly needs super admin rights.

CRITICAL FINDING #4

A marketing assistant triggered an abnormal data access alert.

Darren York should not have access to financial data. Varonis UEBA detected anomalous access.

Abnormal download of sensitive data from cloud data stores

Warning

Exfiltration | 06/11/2023 8:19 PM | Status: Open | Alert ID: 123F...

What happened

varonis.onmicrosoft.com (Azure)\Darren York has downloaded **825 sensitive files**, exceeding the account's or organization's normal behavior (20 files).

A statistical increase in the number of sensitive files downloaded from cloud data stores has been detected. This may indicate a **potential data theft or activity** that requires attention.

Risk type:

Abnormal user behavior

NIST control:

AC-2(12): Account Monitoring for Atypical Usage

Affected system:

Microsoft 365

Observation:

Marketing assistant Darren York triggered a behavior-based alert by deviating from his normal baseline of data access activity. Varonis detected that he was accessing files with financial data, which is atypical for his role.

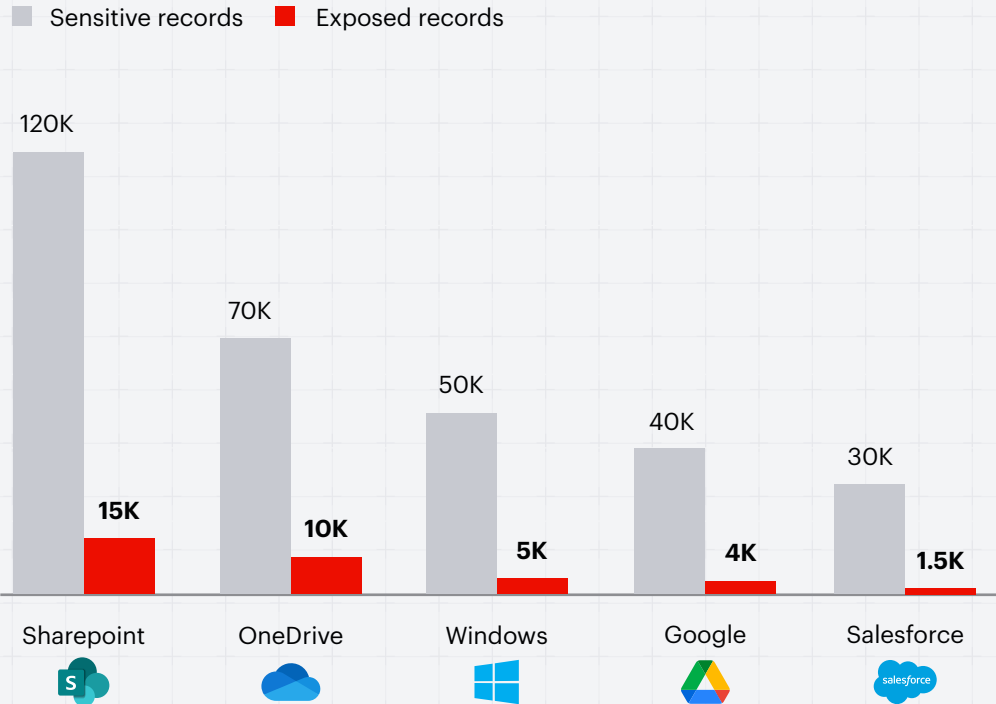
Recommendation:

Use Varonis to run a query to see all of Darren's activity in the past 30 days. Ensure that permissions to data containing financial records are only accessible to employees who need access.

DATA SECURITY POSTURE

Umbrella Corp’s sensitive data is spread across multiple cloud services and on-prem data stores. To minimize the risk of a data breach, it is crucial for the company to have real-time visibility and control over its rapidly changing data estate – with unified classification, threat detection, and policy enforcement.

Where is Umbrella Corp’s most sensitive data and how much is at risk?



Key risk indicators:

310K sensitive records	27K events on sensitive data per day
24.5K sensitive records exposed org-wide	11K sensitive records exposed externally

Data discovery and classification

Classification policies enabled

We enabled 85 built-in rules and created three custom rules during this risk assessment. The top four data types by volume are shown below.



PCI-DSS

Containers: 1,160
Objects: 12,421
Records: 89,924



Passwords

Containers: 160
Objects: 421
Records: 923



U.S. PII

Containers: 2,620
Objects: 72,245
Records: 199,104



Matter numbers

Containers: 1,002
Objects: 92,420
Records: 799,922

Built-in policy library

PII	GDPR	Credentials	Financial	Federal
HIPAA PHI 2.0	GDPR Germany	Passwords	PCI-DSS 2.0	ITAR
Colorado Privacy Act	GDPR France	Private keys	SOX	Top Secret
NY SHIELD Act	GDPR Austria	Certificates	GLBA	CUI

Plus hundreds more rules, patterns, and dictionaries

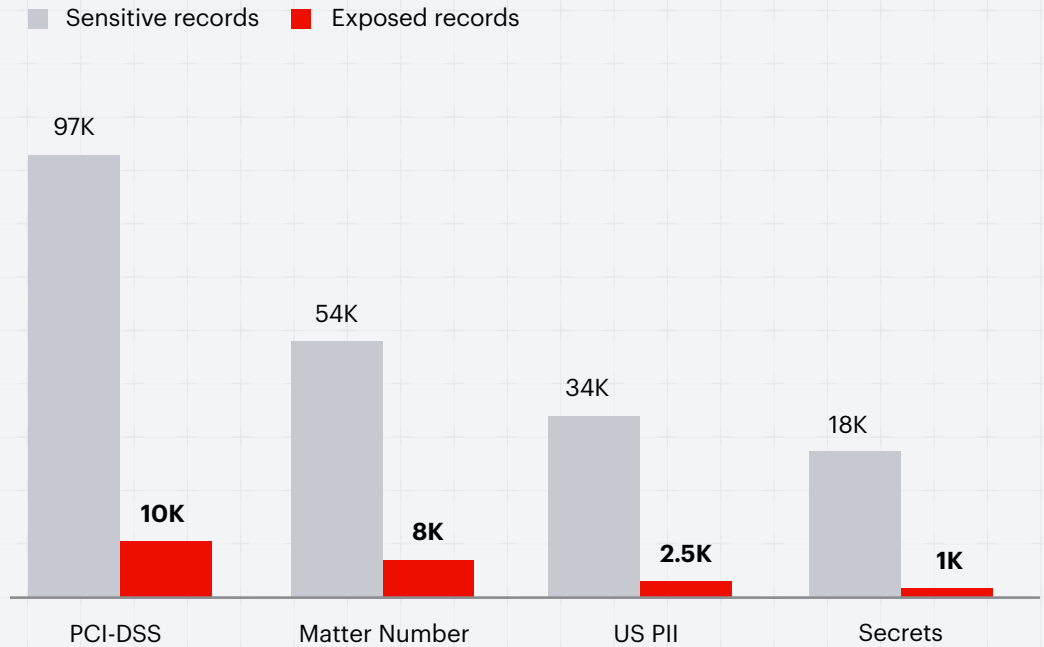
The power of Varonis data classification

- + True incremental scanning for efficient and scalable discovery on massive data sets
- + Unified classification policies across all supported data stores
- + Battle-tested in multi-petabyte environments
- + 400+ expert-built and tested rules available (and growing) out of the box
- + Customizable scanning scopes and sampling

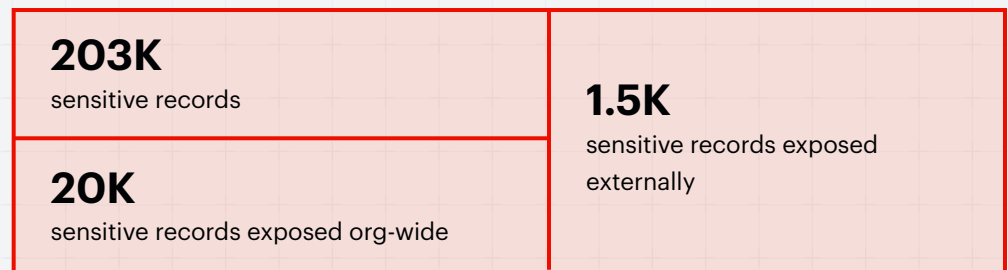
Microsoft 365 data exposure

Data exposure in M365 is not unique to Umbrella Corp. The average company has 40+ million unique permissions across their multi-cloud data and, according to Microsoft, more than 50% of permissions are high-risk and capable of causing catastrophic damage if misconfigured.

What kind of data lives in M365 and what is Umbrella Corp's exposure?



Key risk indicators:

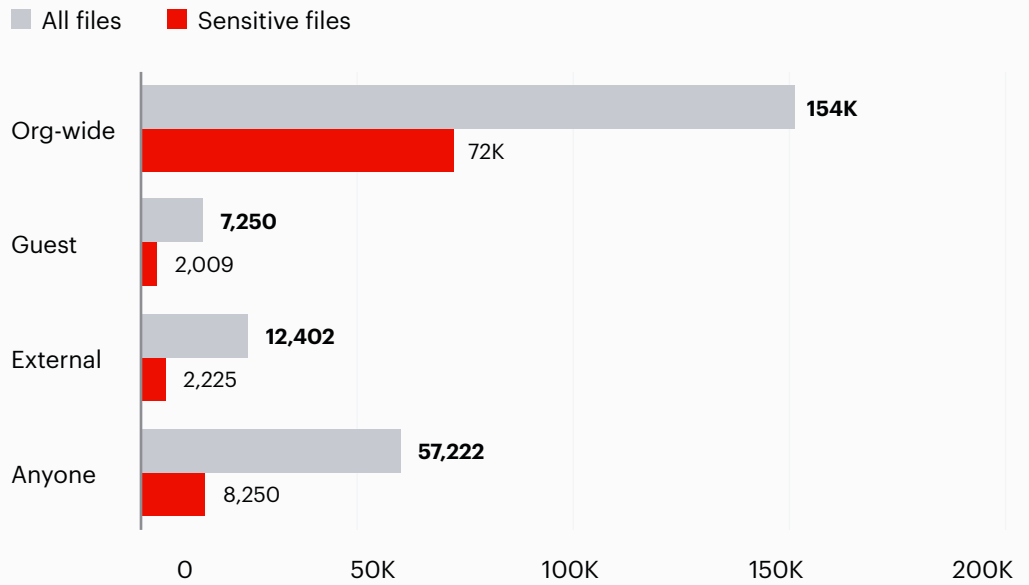


Collaboration risk

Exposure levels

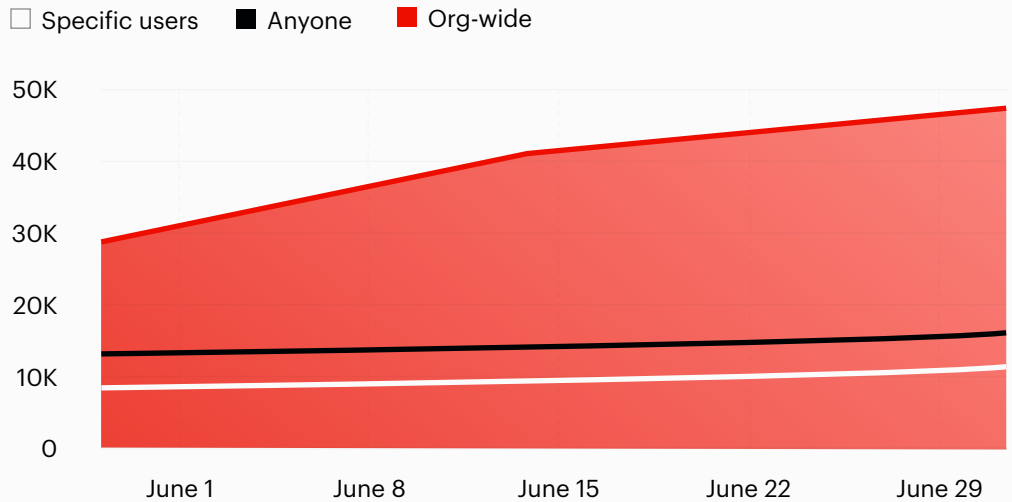
Sharing links are helpful for collaboration, but they can expose that data to everyone in the organization, guest users, or the internet. Umbrella Corp has a significant amount of sensitive data exposure due to links in SharePoint and OneDrive.

SharePoint Online and OneDrive



Shared link growth









Umbrella Corp's blast radius is growing rapidly week over week. Below is a graph of link growth by type during the risk assessment period.



Data exposed publicly

Data exposed publicly via “anyone” links

Below is a small sample of sensitive files that are accessible to anyone on the internet. The Varonis audit trail shows the type of data within the file (PCI, PHI, etc.), who shared the link, when, and whether the file has been accessed via the link.

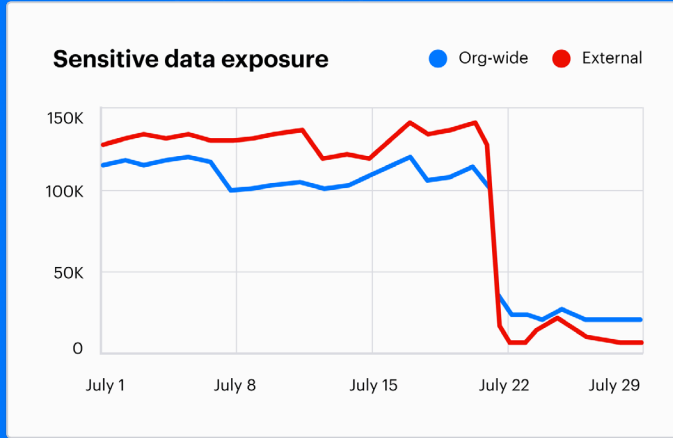
	File type	Name (resource)	Classification category	Total record
1	<input type="checkbox"/>	 JV costs for Feb-Apr.xls	*Credentials (6)	28
	<input type="checkbox"/>	 JV costs for Feb-Apr.xls	*Credentials (4)	22
	<input type="checkbox"/>	 Transaction-English-06.xsl	*Credentials (4)	22
	<input type="checkbox"/>	 GL Entry.ppt	*Credentials (4)	22
2	<input type="checkbox"/>	 Employee Agreement.docx	*Financial (3)	21
	<input type="checkbox"/>	 Employee Agreement.docx	*Financial (3)	21
	<input type="checkbox"/>	 Employee Agreement.docx	*Financial (3)	21
	<input type="checkbox"/>	 Employee Agreement.docx	*Financial (3)	21

1 Spreadsheets with credentials and credit card info

2 Employment agreements with PII and banking account info

How fast can we remediate shared link risk?

A typical Varonis customer can eliminate exposure rapidly with automation. Below are the results from a large financial institution that enabled least privilege automation. Nearly 100% of external and org-wide data exposure was eliminated in under 30 days.



Automation polices keep risk low in the face of data growth and continued collaboration. With policies set to auto-enforce, new risks are remediated as they appear and least privilege is continuously enforced.

Policies

- Remediate org-wide exposure
- Remove collaboration links
- Remove memberships of non-org users
- Remove stale collaboration link
- Remove stale direct permissions



Misplaced and mislabeled data

Misplaced data: GDPR compliance risk

Varonis discovered EU citizen PII records on a U.S.-hosted M365 tenant. The files were uploaded on July 15 by a service account named "ExportJob" which appears to be connected to an automated Workato task. We recommend migrating this data to Umbrella Corp's EU-based tenant and adjusting the automated task.

1 U.S.-based M365 tenants

2 Files containing EU citizen PII

Exposure level	Path	Classification results	Total record
<input type="checkbox"/> Internal	/sites/HR/Documents/Salary	GDPR Poland	42
<input type="checkbox"/> Internal	JV costs for Feb-Apr.xls	GDPR Poland	42
<input type="checkbox"/> Internal	Transaction-English-06.xsl	GDPR Spain	24
<input type="checkbox"/> Internal	GL Entry.txt	GDPR Spain	24
<input type="checkbox"/> Internal	Employee Agreement.docx	GDPR Ireland	15
<input type="checkbox"/> Internal	Employee Agreement.docx	GDPR Hungary	15

Mislabeled files: DLP enforcement gap

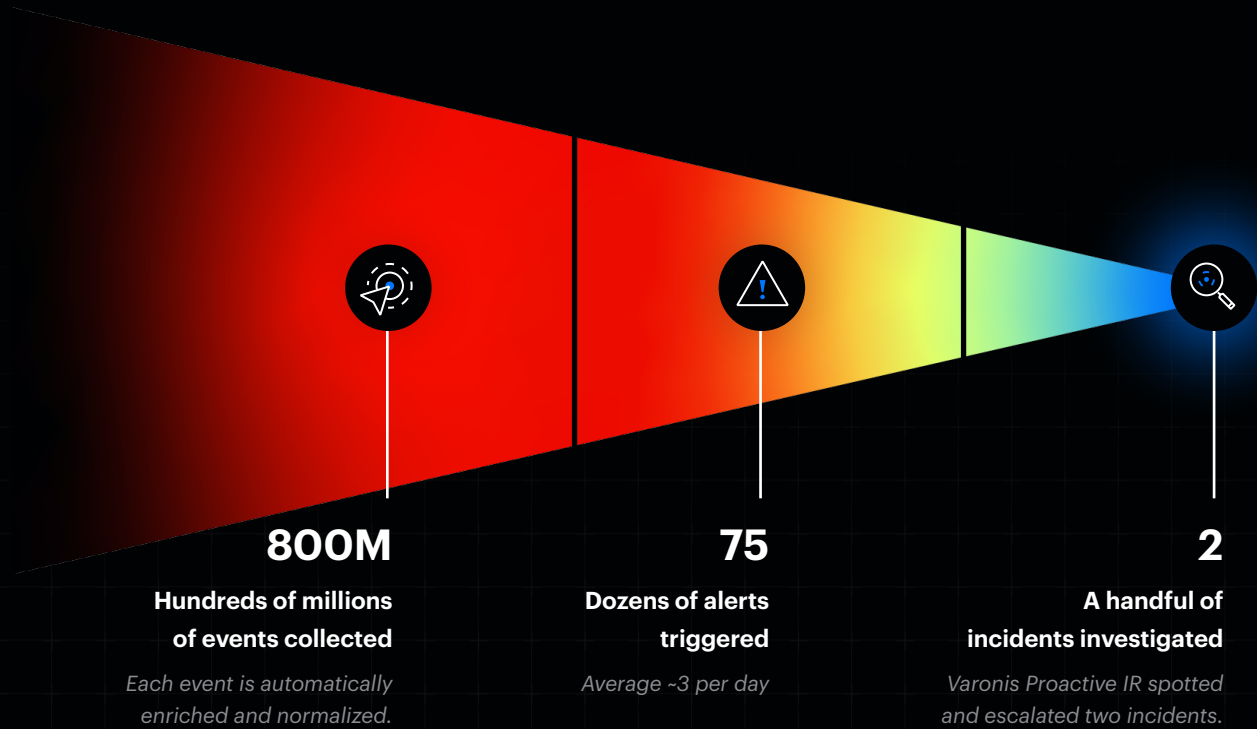
Many files are missing MIP labels or have outdated, misapplied labels. As a result, downstream DLP enforcement could fail, resulting in sensitive data leakage or the reverse — users are blocked from sharing non-sensitive data that is mislabeled.

We found 27,000+ sensitive files with no label applied.

Path	Classification results	Classification labels	Name
<input type="checkbox"/> C:\Share\Finance	US PII, HIPAA PHI Data	GDPR Regulated Data (0/1)	Finance
<input type="checkbox"/> C:\Share\Finance\Controllors	US PII, HIPAA PHI Data		Controllors
<input type="checkbox"/> C:\Share\Finance\Controllors	US PII, HIPAA PHI Data		Q1 2006
<input type="checkbox"/> C:\Share\Finance\Controllors	US PII, HIPAA PHI Data		Inventory
<input type="checkbox"/> C:\Share\Finance\Controllors	US PII, HIPAA PHI Data		Revenues
<input type="checkbox"/> C:\Share\Finance\Controllors	US PII, HIPAA PHI Data		SEC

Threat detection and response

Varonis real-time monitoring and behavior-based threat detection was enabled across each in-scope system. During the assessment period, our AI models were trained on 800M+ events to learn the unique behavior of users and devices in Umbrella Corp's environment.



Data-centric UEBA

Events are enriched with data, user, and device context. Security analysts can run queries such as: "List all sensitive data access events by privileged accounts from devices connected from Germany."

Account identification				IP to device resolution			
Operation by	Account type	Object	Sensitive?	Device IP address	Device name	External IP address	Geolocation
Amy Johnson	Executive	customer.xlsx	Yes	173.17.33.3	aj-03154	54.239.13.2	Canada

File sensitivity and Geolocation are also indicated by arrows pointing to the Sensitive? and Geolocation columns respectively.

THREAT ANALYSIS

Incident report: compromised service account

Observation:

The Varonis IR team discovered that a backup service account was compromised and began accessing user data.

Abnormal service behavior: access to atypical folders containing GDPR data

Exfiltration | 06/11/2023 8:19 PM | Status: Open | Alert ID: 123F...

What happened

BackupService File opened shared folder C:\Share\Finance\Controllers\Financereports.

A service account assessed folders containing GDPR data it has not accessed previously. Service accounts can be expected to perform the same actions repeatedly; therefore, a behavioral change is suspicious. Attackers may impersonate a service account and exploit its privileges.

Mitigation:

Varonis IR triaged and remediated the incident within minutes. The UC\BackupService account was immediately disabled, active sessions were killed, and the password was reset. Varonis delivered a full investigation report to the Umbrella Corp team complete with root cause analysis and recommendations.

Drilldown:

142 files were accessed by the compromised account. 82 of those files were classified as sensitive by Varonis.

Event time (event)	Event type...	Account name	Path (affected resource)
<input type="checkbox"/> 06/11/2023 3:19 PM	File renamed	BackupService	C:\Share\apps\Backoffice...
<input type="checkbox"/> 06/11/2023 3:19 PM	File renamed	BackupService	C:\Share\apps\Backoffice...
<input type="checkbox"/> 06/11/2023 3:19 PM	File renamed	BackupService	C:\Share\apps\Backoffice...
<input type="checkbox"/> 06/11/2023 3:19 PM	File renamed	BackupService	C:\Share\apps\Backoffice...
<input type="checkbox"/> 06/11/2023 3:19 PM	File renamed	BackupService	C:\Share\apps\Backoffice...

CONFIGURATION RISK

Varonis is continuously scanning system configurations in Umbrella Corp's SaaS and IaaS platforms to determine if any settings are risky or if any configurations have drifted from their desired state.



21 misconfigurations discovered

Salesforce has the most misconfigurations (8).



5 high severity misconfigurations











M365 and Salesforce each have 2 critical misconfigurations.



4 configurations set to auto-enforce

Varonis can automatically enforce secure settings.

Below is a summary of the **five high severity misconfigurations** discovered during the assessment. Full details and recommendations for each one can be found in the Varonis UI.

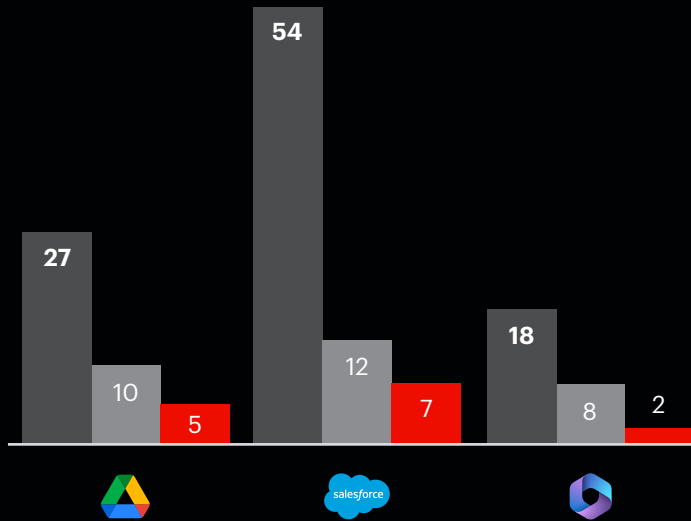
-  Multi-factor authentication is not enforced for privileged users
Jun 27, 2023 at 1:19 a.m.  Acme, Inc.
-  Admins can log in as any user is enabled
Jun 27, 2023 at 5:48 a.m.  Acme, Inc.
-  Number of failed login attempts allowed before first lockout period is too high
Jun 26, 2023 at 4:09 p.m.  Acme, Inc.
-  All group owners can consent for all apps
Jun 26, 2023 at 2:21 p.m.  Acme, Inc.
-  Critical cookies are not set with sufficient security
Nov 8, 2023 at 1:18 a.m.  Acme, Inc.

[Click here](#) to see more sample SaaS and IaaS configurations Varonis can monitor.

THIRD-PARTY APP RISK

We identified 36 third-party apps that are risky, inactive, or unverified.

■ Apps ■ High risk apps ■ Unverified



99
third-party apps installed

14
high-risk with broad data access

22
inactive apps

DETAILED FINDINGS

Here is a breakdown of the top four third-party apps, by user count, that are integrated with the SaaS platforms Varonis is monitoring:

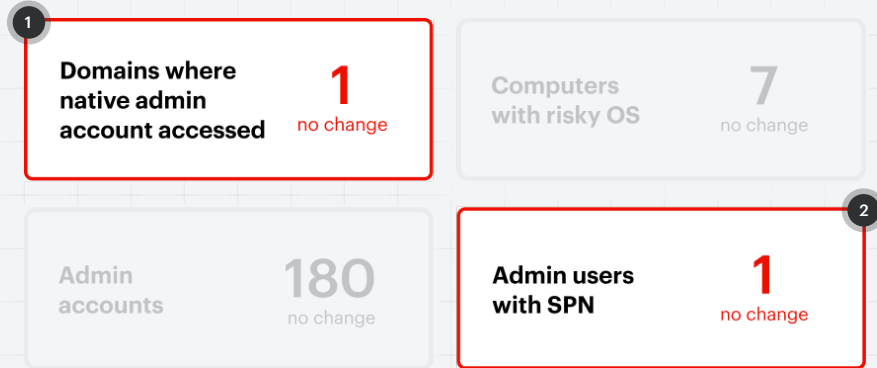
Google	Salesforce	Microsoft 365

Additionally, we discovered 111 inactive users whose app assignments can be revoked directly from the Varonis UI.

IDENTITY RISK

Active Directory security posture

Varonis scans Umbrella Corp’s cloud and on-prem directory services and detects weak configurations that can provide pathways for attackers. These risks are updated in real-time on your Varonis dashboards and will help prioritize AD hardening efforts.

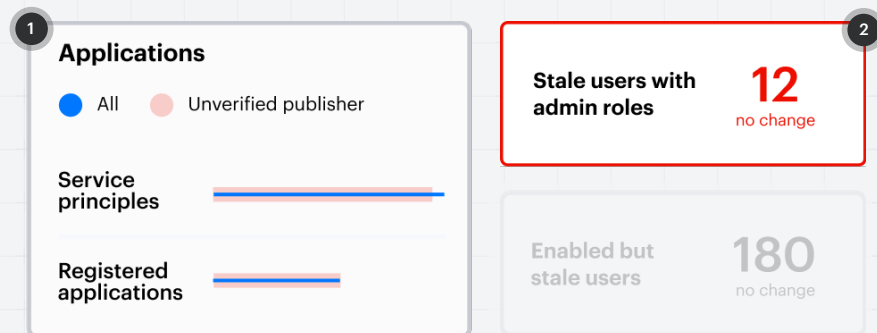


1 Rare that this account is used under normal circumstances. This could indicate compromise.

2 Vulnerable to offline password cracking

Entra ID (Azure AD) security posture

Entra ID posture is continuously monitored and scored by Varonis. Risky misconfigurations that put your data at risk are surfaced in your risk dashboards and reports.



1 Review unverified app permission and data access.

2 These accounts should be deactivated immediately.

Active Directory monitoring

Varonis is monitoring events in Umbrella Corp's directory services and correlating those actions to the data-centric events collected from collaboration platforms and data stores.

These changes were performed outside of the change control window.

Event type (event)	Event time (event)	Event description	Account Name
<input type="checkbox"/> Access request	06/29/2023 5:15 a.m.	abc1234.com\Demo	Allen Carey
<input type="checkbox"/> Access authentication	06/29/2023 5:15 a.m.	abc1234.com\Demo	
<input type="checkbox"/> Access request	06/29/2023 5:15 a.m.	abc1234.com\Demo	
<input type="checkbox"/> Group member removed	06/29/2023 5:15 a.m.	"DemoUser" was removed	
<input type="checkbox"/> Group member removed	06/29/2023 5:15 a.m.	"DemoUser" was removed	
<input type="checkbox"/> Group member added	06/29/2023 5:15 a.m.	"DemoUser" was added	
<input type="checkbox"/> Group member added	06/29/2023 5:15 a.m.	"DemoUser" was added	
<input type="checkbox"/> User updated	06/29/2023 5:15 a.m.	"DemoUser" was updated	

Admin role change events 25

Failed login attempts 8K

Login attempts from blacklisted locations 832

Risky external users and personal accounts

31 selected

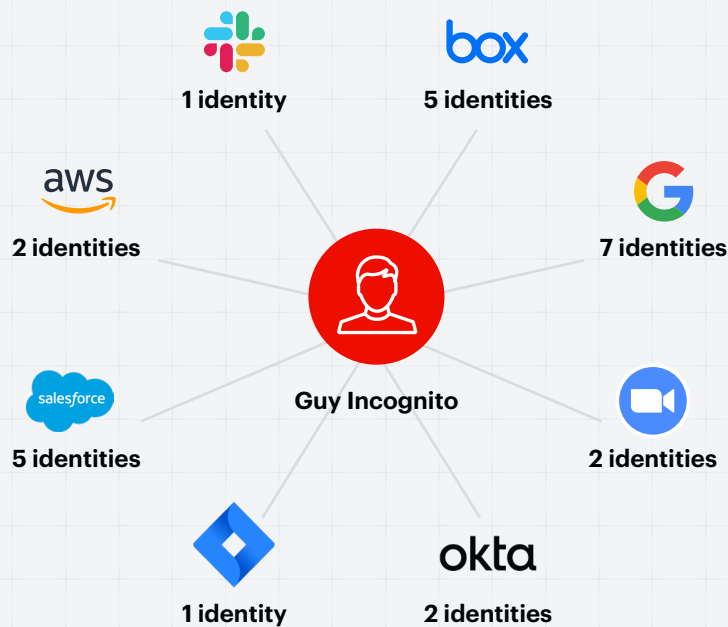
Entity name	Email	Tags
<input type="checkbox"/> Guy Incognito	admin@polyrizelab.com	admin internal no mfa +4
<input checked="" type="checkbox"/> Peter Morris	pmorris@gmail.com	admin external inactive entity +4
<input type="checkbox"/> Allen Carey	acarey@polyrizelab.com	external external entity
<input checked="" type="checkbox"/> Katherine Abner	admin1@gmail.com	external inactive entity external entity +2
<input checked="" type="checkbox"/> Allen Carey	admin@gmail.com	external inactive entity personal account +2

Gmail user accounts are stale but have access to sensitive data.

Related identity mapping

Varonis automatically identifies related accounts using a proprietary algorithm. Guy Incognito is an admin user in Google Workspace using a personal Gmail account without MFA. He is connected to several identities across Umbrella Corp's environments.

Guy has several aliases — a mixture of corporate and personal accounts.



Offboarding gaps: inactive accounts

Varonis found 3,000+ stale identities across Umbrella Corp’s directory services and local account repositories.

31 selected

<input checked="" type="checkbox"/>	Entity name	Email	Service	Tags
<input checked="" type="checkbox"/>	Guy Incognito	admin@gmail.com		internal no mfa +4
<input checked="" type="checkbox"/>	Peter Morris	pmorris@gmail.com		external inactive entity +4
<input checked="" type="checkbox"/>	Allen Carey	acarey@gmail.com		external entity
<input checked="" type="checkbox"/>	Katherine Abner	admin1@gmail.com		inactive entity external entity +2
<input checked="" type="checkbox"/>	Allen Carey	admin@gmail.com		inactive entity personal account +2

Terminated contractors retaining access from their personal Google accounts.

SALESFORCE RISK

Salesforce houses an organization's most valuable data, but its complex permission structures and lack of visibility into who can access that data puts it at risk of insider threats and cyber threats.

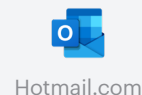
SALESFORCE



Assessment scope

Environments	+ Production	+ Dev
	+ Sandbox	
Data	+ 234,240 records	+ 203 external/public shared records
	+ 8,241 documents	+ 22 monitored third party apps
	+ 520 fields	
	+ 9,214 sensitive resources	
Identities	+ 2,012 internal users	+ 212 guest users
	+ 425 external users	+ 55 super admins
	+ 124 contractors	
Entitlements	+ 89 profiles	+ 55 permissions sets
	+ 52 privileged profiles	+ 27 permission set groups
	+ 22 community profiles	+ 33 roles
	+ 3 guest profiles	

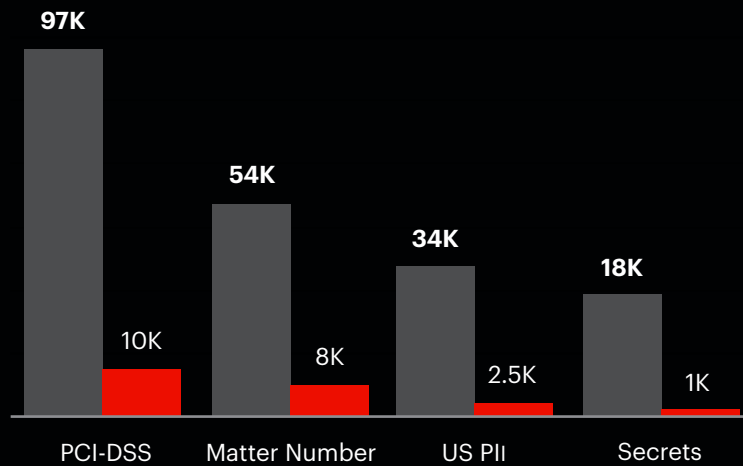
Top 3 external domains



SALESFORCE DATA EXPOSURE

What kind of data lives in Salesforce and what is their exposure?

■ Sensitive records ■ Exposed records



203K

objects with at least one sensitive record

1.5K

sensitive records exposed externally

20K

sensitive records exposed org-wide

Umbrella Corp's data exfiltration risk

There are a handful of entitlements, described below, that should be considered highly privileged. If granted to too many users, these entitlements can create a significant data exposure and exfiltration risk.



235 entitlements with Export Report enabled

Export Report allows users to export data directly out of Salesforce. If necessary, it should be applied to Permission Sets.



124 entitlements with View All Data or Modify All Data enabled

Users with this permission can View and Modify all data inside the org.



52 entitlements with API enabled

Allows users to communicate with all Salesforce APIs, exfiltrate data, or perform other actions.

Varonis provides Umbrella Corp with a real-time view of critical entitlements and the ability to quickly right-size access and enforce least privilege. We also recommend setting up Varonis alerts that trigger when these privileged entitlements change.

SENSITIVE DATA SHARED EXTERNALLY

Umbrella Corp's Salesforce instances allow guest user access. There are also several user accounts that act as service accounts for third-party apps. Varonis detected 1,500+ sensitive records that are exposed externally, such as the W2 file attachment below.

SALESFORCE

W2.png organization-wide sensitive shared externally stale resource

Content document | Account Name: Production | Created: Sept. 18, 2022 09:51 AM (GMT-4:00)

Activities Access Compliance

Showing 7 results

Name	Permissions	Last Active	Tags
Melissa Do...	C R U D S	Mar. 3, 2022 10:12 AM (GMT...	admin internal +2
Josh Hamm...	C R U D S	Sept. 18, 2022 09:51 AM (GMT...	external +2
Jerome Boy...	C R U D S	Sept. 22, 2022 08:30 AM (GMT...	admin external +4

Users outside the company can access, update, or delete PCI and PII data in your Salesforce instance.

In addition to exposing data to guest users, contractors, and other authenticated third parties, our assessment also surfaced data exposed to the internet via public links.

DriverLicenseA11.pdf public sensitive shared externally

Content document | Account Name: Production | Created: Sept. 18, 2022 09:51 AM (GMT-4:00)

Recent Activities Access Compliance

Share via link

Anyone inside or outside of your company with this link can view and download this file.

<https://salesforce.com/1234>



SALESFORCE MISCONFIGURATIONS

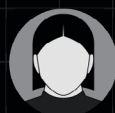
Varonis detected and fixed four misconfigurations or insecure org-wide defaults that could provide an attack path.

- ✓ Organization-wide default configurations expose records to internal and external users
Jun 15, 2023 at 03:35 a.m. Acme, Inc.
- ✓ Critical cookies are not set with sufficient security
Jan 27, 2023 at 05:48 a.m. Acme, Inc.
- ✓ Single-sign on is not enabled for the organization
Nov 08, 2022 at 01:18 p.m. Acme, Inc.
- ✓ Clickjack protection is not fully enabled
Dec 17, 2023 at 2:21 p.m. Acme, Inc.

Terminated contractors were accessing the sandbox account even though Okta accounts had been deprovisioned.

Salesforce alerts

15 alerts were triggered and resolved by Varonis IR, including a case where insider Melissa Donovan was accessing an abnormal number of records compared to her behavioral baseline. Our investigation showed that Melissa had installed a browser extension that was accessing Salesforce record URLs rapidly.



15 alerts



Melissa Donovan excessively accessed Salesforce objects

Sensitive data exposed

Melissa Donovan
mdonovan@company.com

internal







no mfa

Melissa Donovan deviated from her normal activity – accessing records she doesn't usually touch.


Monitoring admin changes

Josh Hammond made several admin changes to production outside of the change control window. Below is the detailed change log.

Activities: Privileged

Time	Service
Jan 08, 2023 02:29 a.m.	 Production
Jan 08, 2023 02:29 a.m.	 Production
Jan 08, 2023 02:29 a.m.	 Production
Jan 08, 2023 02:29 a.m.	 Production
Jan 08, 2023 02:29 a.m.	 Production
Jan 08, 2023 02:29 a.m.	 Production

PermSetEntityPermChanged

 Activity | Account name: Production

Overview Log Actor Overview

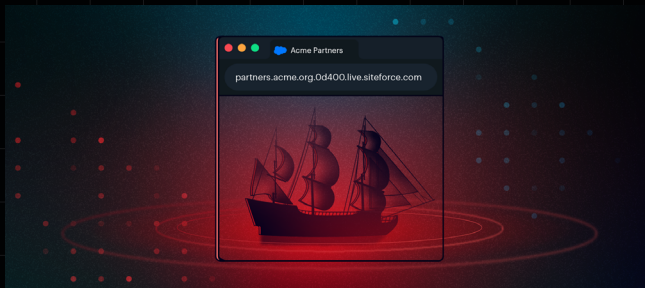
```

{
  "attributes": {
    "type": "SetupAudittrail"
    "url": "/services/dat/v53.0/subjects
SetupAudiTrail/OYm4J0004r00/
  },
  "Id": "OYO900i00489AJFLJSD",
  "Action": "PermSetEntityPermChanged",
  "CreateDate": "2023-01-08T19:29:40:000"
  "CreatedById": "02349JGFJ0029059000aAG"
  "CreatedBy": {
    "attributes": {

```

SALESFORCE RESEARCH

Our team hunts for and discloses vulnerabilities and toxic configurations in Salesforce.



Ghost Sites: Stealing Data From Deactivated Sales Communities



Einstein's Wormhole: Capturing Outlook & Google Calendars via Salesforce Guest User Bug

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