FERTINET

Anticipate and Prevent Data Theft Introducing FortiDLP

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Data at Stake

Protect sensitive data from exfiltration or inadvertent disclosure.



Intellectual Property

- Design Documents
- Project Plans
- Patent Applications
- Source Code
- Process Documentation
- Trade Secrets



Corporate Data

- Financial Statements
- Employee Records
- Pricing Documents
- User Logins



- End-user Logins
- Credit Card Numbers
- Social Security Numbers
- Medical Data



Protecting Data Has Been an Uphill Battle

\$4.88M

Average Cost of a Data Breach

Increased Network
Complexity

Insider-related Incidents
On the Rise

Remote and Hybrid
Workforces

Employee Actions Account for Most Data Disclosures

Ongoing Explosion in Data

Shadow SaaS and Shadow Al



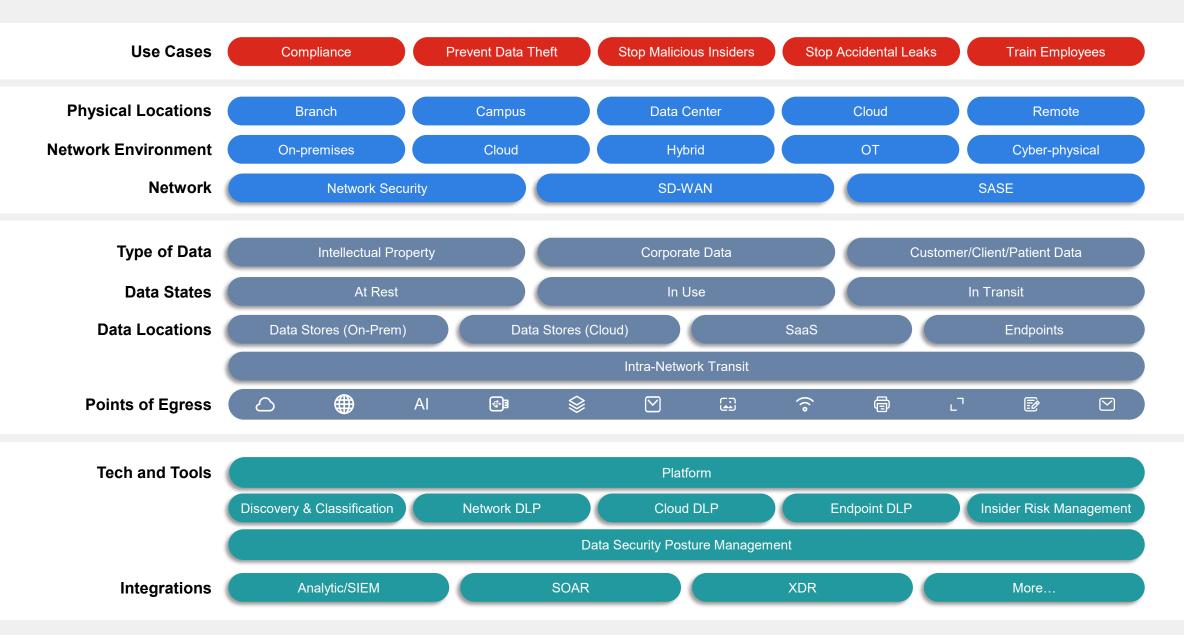
Most organizations
have DLP.
They're not at all happy
with their ROI.

55% Percent of incidents due to employee negligence

\$8.8M

Average annual cost to remediate these incidents

Securing Data Is Complex



1 Data in motion

Massive amounts of data

BYOD, Cloud storage, hybrid work environments result in the footprint of sensitive data multiplying manifold

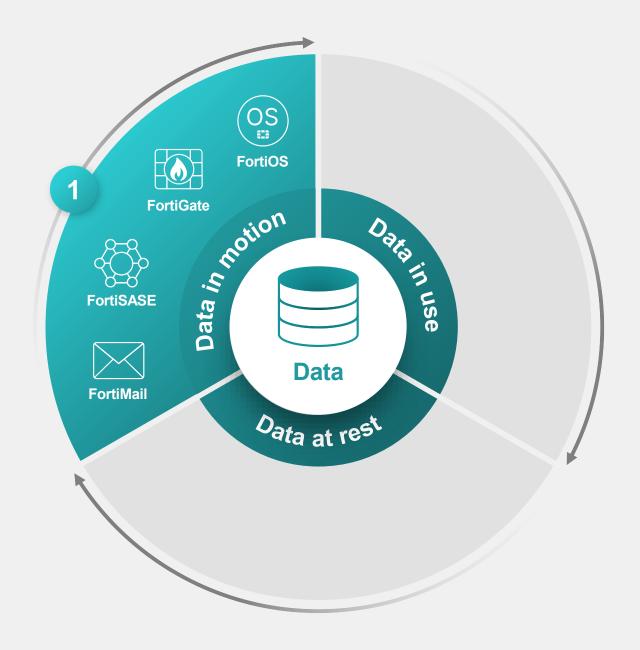
2 Data in use

Push towards using GenAl for productivity leads to sensitive corporate data being fed into applications like ChatGPT.

Corporate sensitive data being accessed from anywhere

3 Data at rest

FortiData enables the customer to discover and label sensitive data on cloud and on-premises data stores using modern Al machine learning technology. Integration with FortiGate brings additional context about the data for better automated enforcement





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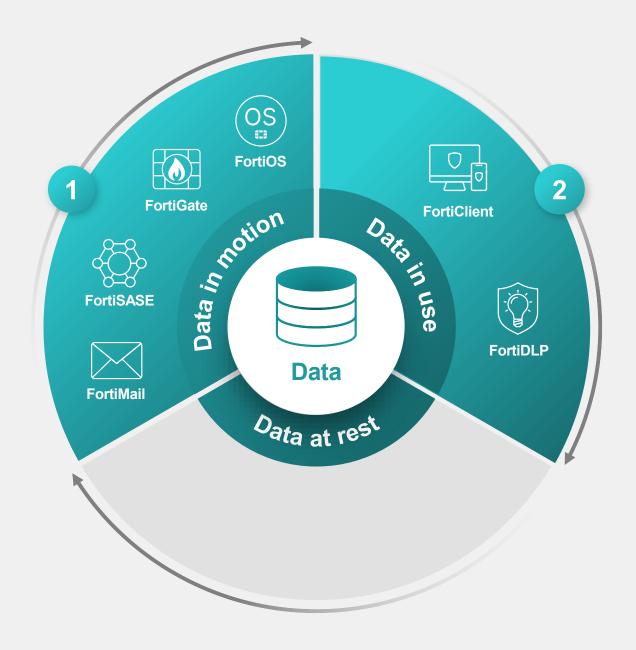
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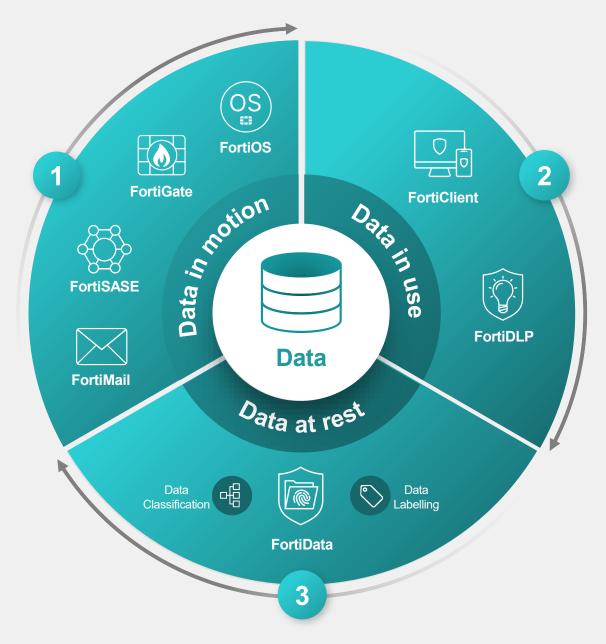
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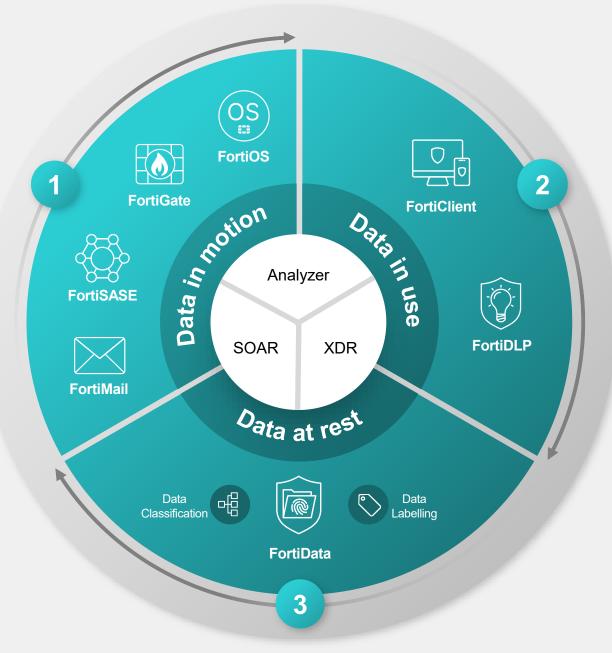
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About FortiDLP



Introducing FortiDLP



Next-Generation Endpoint DLP and Insider Risk Management Solution Anticipates and Prevents Data Theft

- Immediate Data Risk Visibility Across Egress Channels
- · Educate Employees on Safe Data Handling
- · Protect IP and Sensitive Data using Origin and Content
- Detect and Investigate Insider Risk Data Exfiltration

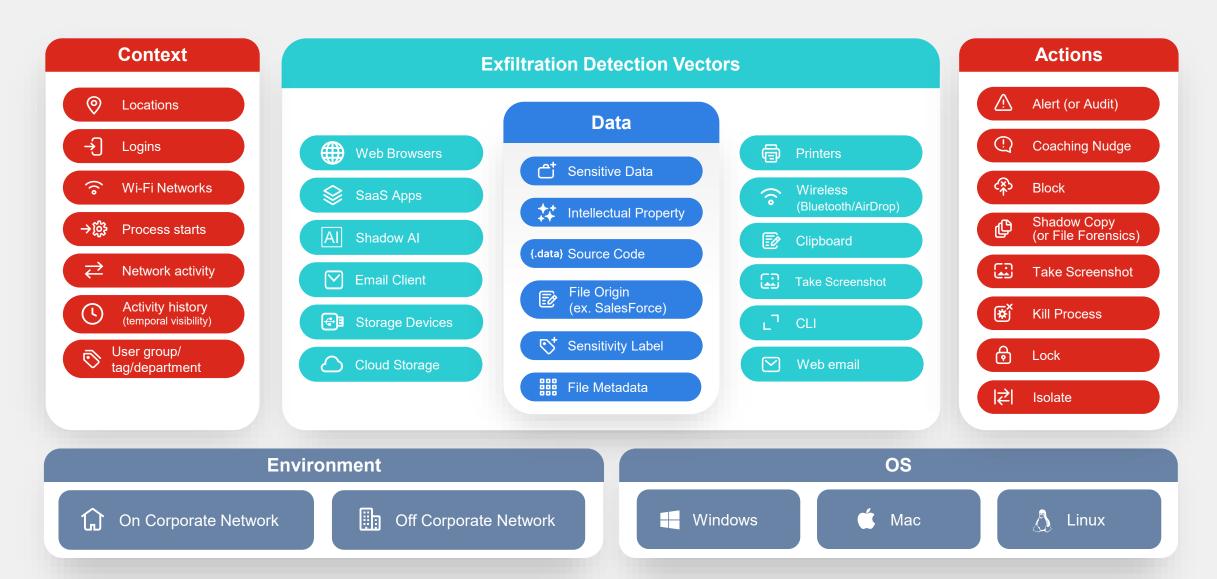
Data Loss Prevention Insider Risk Management SaaS Data Security



Automatically maps detections to MITRE ENGENUITY™ Insider Threat TTP Knowledge Base.



Deep and Broad Contextual Visibility is Required to Protect Data

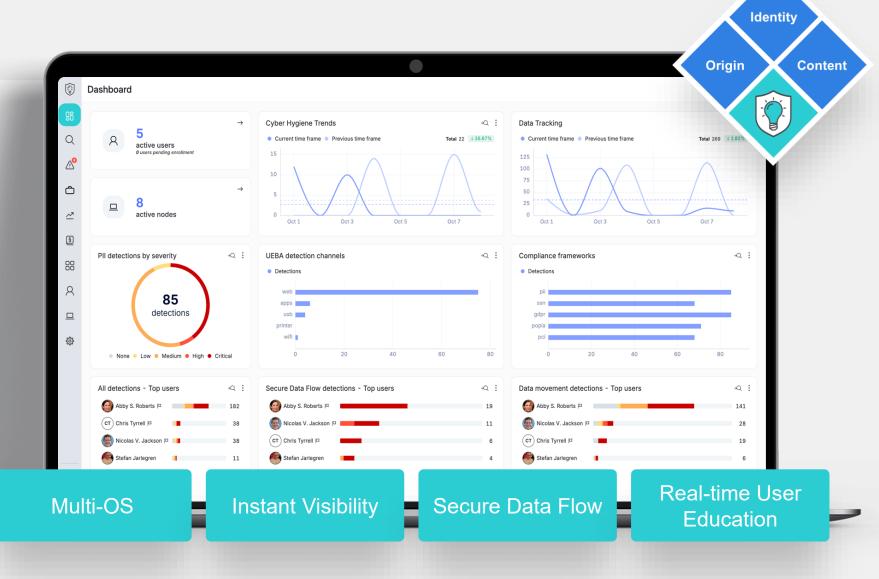




Data Loss Prevention: Differentiation

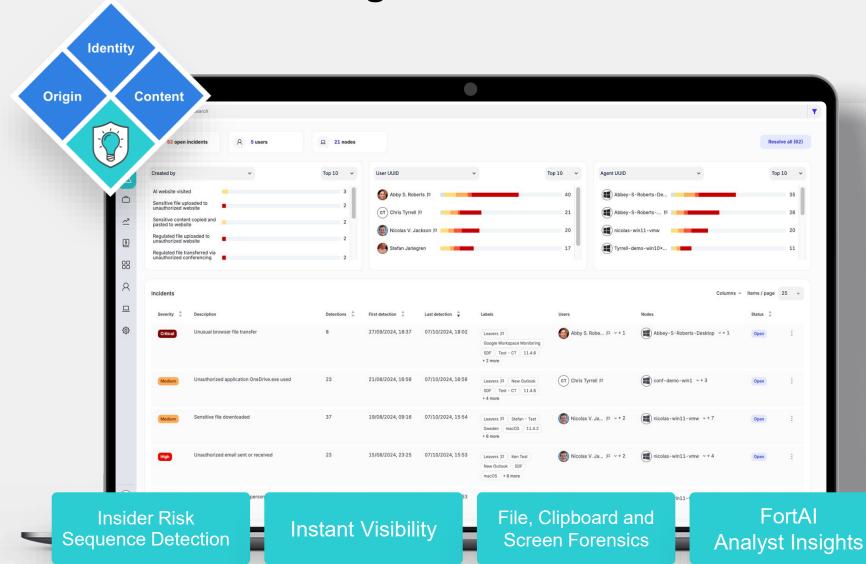
Next-Generation DLP

- Cloud-native SaaS solution
- Demonstrates data risk on day one
- Protects data based on content and data source (e.g. Salesforce) and sensitivity labels
- Out-of-the-box coverage for major compliance, security and privacy frameworks/regulations
- Security fabric integrations (Including FortiClient and FortiEDR)





Insider Risk Management: Differentiation



Insider Threat: Detection and Response

- Deep insights into user, endpoint and cloud drive activity
- ML-UBA baselines user activity
- Insider Risk Sequence Detection
- Incident and case management with anonymization for privacy
- Forensics file and screen evidence
- FortiAl case reports (BETA)

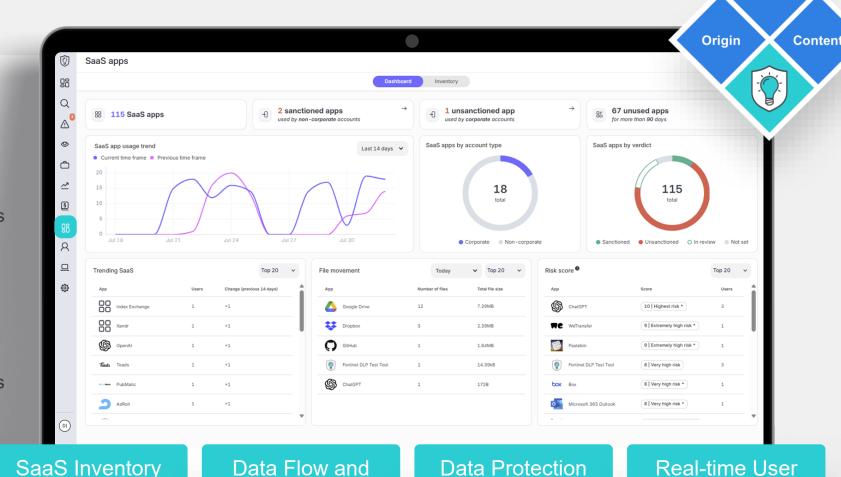


SaaS Data Security: Differentiation

and Risk Scoring

Full visibility into SaaS apps including Shadow Al

- Track, categorize, and score risk across sanctioned and unsanctioned apps
- Insights into GenAl usage
- Ingress/egress visibility into sensitive data flows and risks
- Expose unauthorized usage
- Identify use of unsanctioned SaaS apps and insecure personal credentials



for Shadow Al

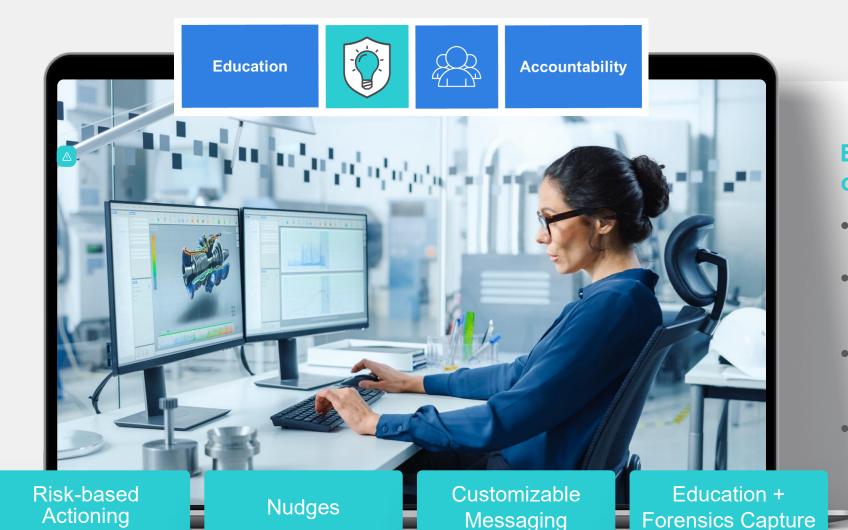
Identity Insights



Education

Identity

Insider Risk Management: Differentiation



Education at the Point of Use of Sensitive Data

- Increases employee awareness while enforcing accountability
- Nudges employees with proper data handling practices when accessing sensitive data
- Applies expansive range of policy actions based on sensitivity of data (context and content)
- Nudges employees whether remote or working offline

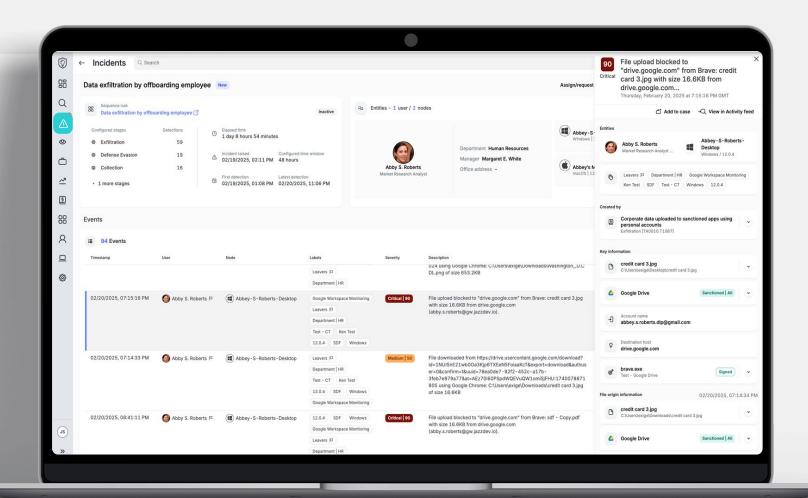
Use Case: Content Classification



Realtime Content Classification of Data

Content Inspection and Classification

- Data Privacy regulations e.g. GDPR and PDPA
- Financial regulations
- National PII and PHI identifiers
- Sensitivity labels
- Realtime content scanning at the point of creation/access





Use Case: Tracking Data from Origin

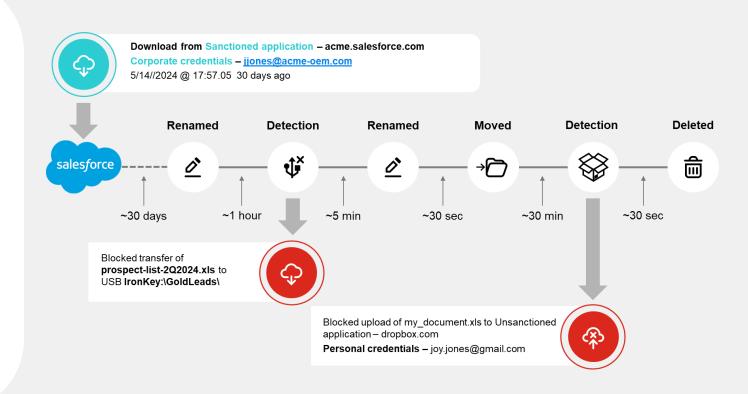


Secure Data Flow: Protect Data From Its Origin

Protect and Track Data Based on it's Source (Origin)

Track from Origin to Attempted Egress

- Identify IP and sensitive data based on its origin
- Detect file manipulations and obfuscations
- Prevent egress based on file origin and content
- Differentiate between corporate and non-corporate accounts on SaaS Apps (e.g. Google Drive)
- View file tracking and lineage in DLP alerts





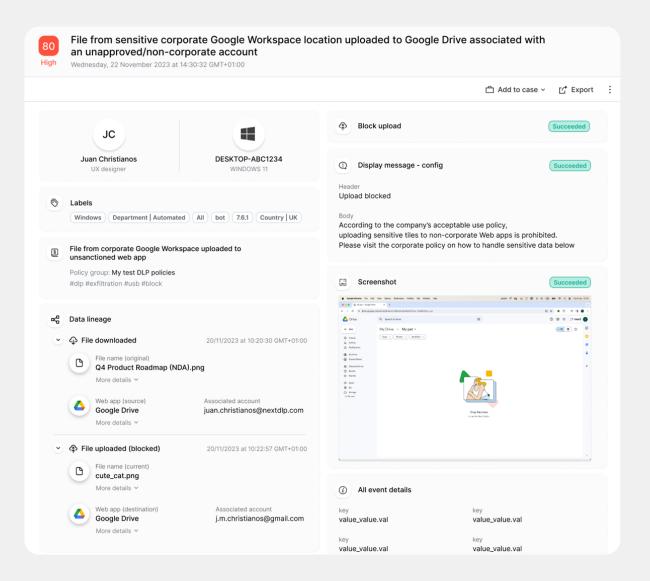
Secure Data Flow: Analyst Experience

Summary

- Roadmap exfiltrated by an off-boarding employee to their personal cloud drive
- Employee has attempted to cover their tracks by renaming the file prior to exfiltration.

Action

- Secure Data Flow identifies data being downloaded from corporate SaaS app
- Files are tracked by the FortiDLP agent and file manipulation activity is audited.
- At the point of egress, the file is controlled based on data origin and destination, i.e. a corporate cloud drive to personal cloud drive.





Secure Data Flow - Data Lineage

Summary

Data lineage provides analysts with insights into the origin of egressed data, tracks data movement across the endpoint and identifies data manipulation prior to egress.

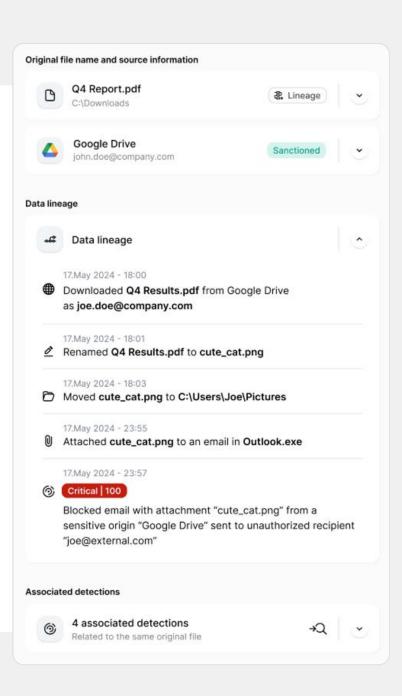
FortiDLP Solution

- The FortiDLP agent identifies data being downloaded from corporate and private SaaS applications.
- The agent tracks data movement and any manipulation of the data e.g., file rename, move, copy.
- The origin and data lineage information is presented in a DLP detection to enable analysts to quickly understand risk.

Value and Impact

An analyst can quickly identify where the detected data originated from and if it was manipulated before detection.





Use Case: Monitoring GenAl Usage

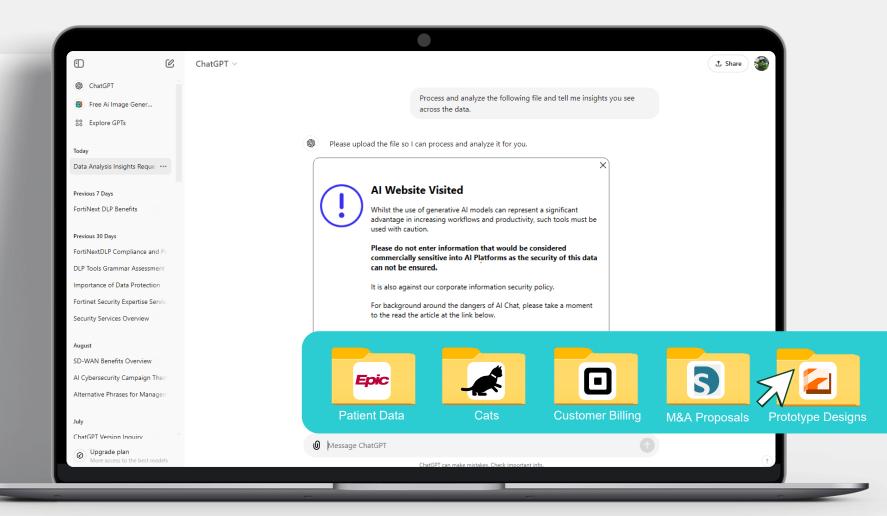


Protect Against Sharing of Sensitive Data with AI Tools

Protect data without impacting productivity when employees use popular unapproved GenAl tools.

Guard against employees uploading sensitive data to GenAl and other Al tools

- Alerts employees/users when their actions may expose sensitive data
- Drives accountability for proper data handling by employees

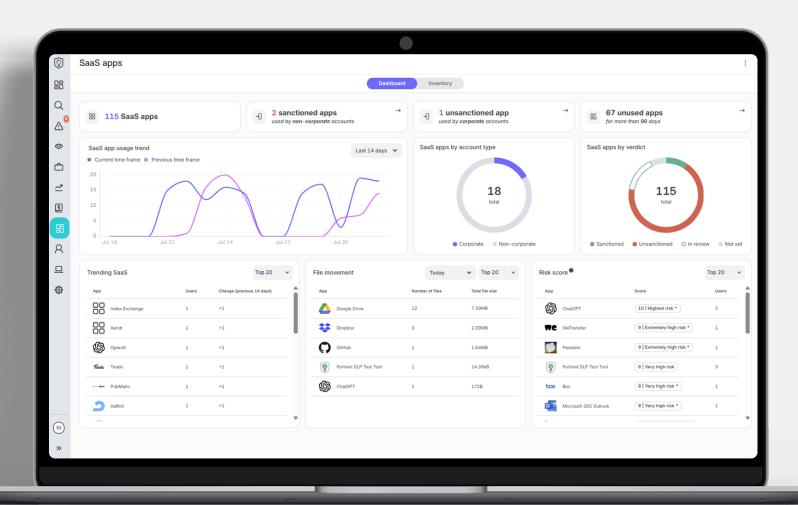




Report & Educate Employees on Safe GenAl Usage

Full visibility into SaaS apps including GenAl tools

- Identify employees visiting sanctioned and unsanctioned GenAl apps
- Audit the types of data being pasted and uploaded / download from GenAl tools

















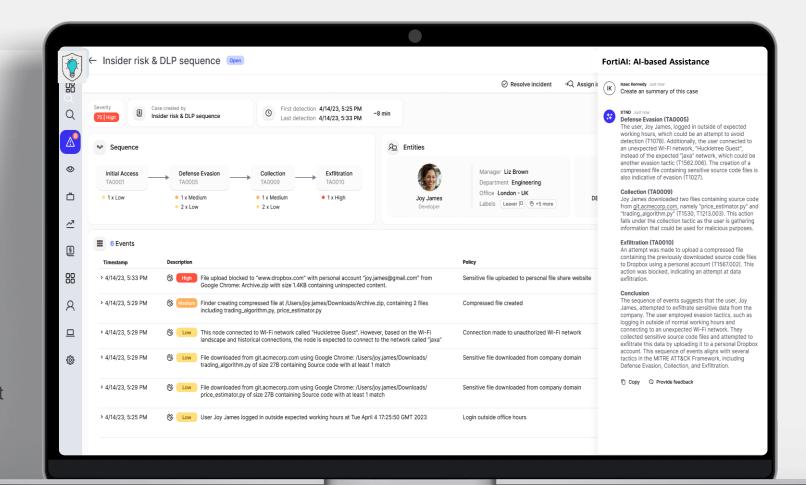
Use Case: Forensics + Case Management

Report & Educate Employees on Safe GenAl Usage



Accelerated Investigations through FortiAl

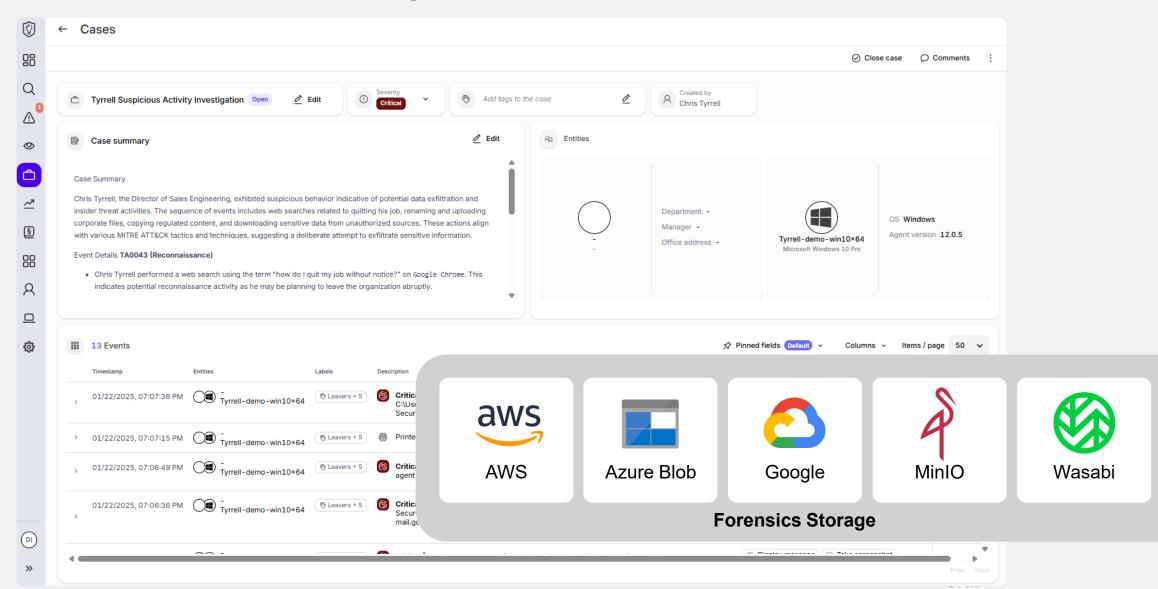
- Analyst activates FortiAl (Al Assistant)
- Requests a summarization of insider threat activity referencing MITRE ENGENUITY™ Insider Threat TTP indicators
- FortiAl reasons on the incident data set and provides a detailed summary





Investigation and Forensics

Your Business Data, Your Cloud Data Storage





Additional Features



Feature: Cloud Drive Policies and Detections

SaaS Data Security

Standard Enterprise

Summary

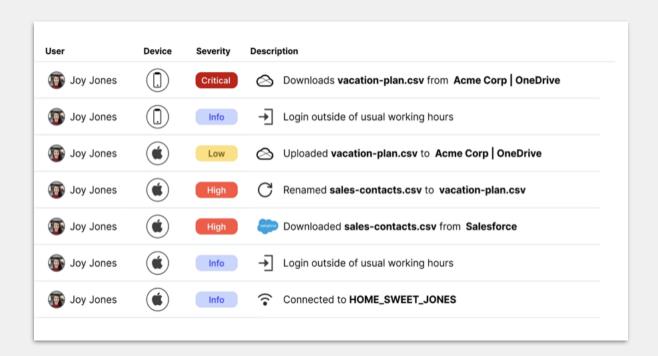
- Employees access, share, and download files via Enterprise Cloud Drives on managed and unmanaged devices.
- FortiDLP now provides visibility and detection policies across OneDrive/SharePoint, Google Workspace, and Box.

FortiDLP Solution

- Visibility into user and data movement across OneDrive,
 SharePoint, Google Drive, and Box, including file sharing and downloads across managed and unmanaged devices.
- Policies for detecting file sharing, downloading, and movement activities across supported enterprise cloud drives.
- Integration with each platform's data classification solution to ensure data sensitivity and value is factored into policy logic.

Customer value and impact

 Comprehensive visibility into cloud drive activity and protection against data exposure in corporate cloud drives, regardless of device type or location.





Feature: Slack and Teams Employee Coaching

Summary

 Exposure of data within enterprise cloud drives can occur on both corporate and personal devices, so employee coaching needs to adapt to address managed and unmanaged devices.

FortiDLP Solution

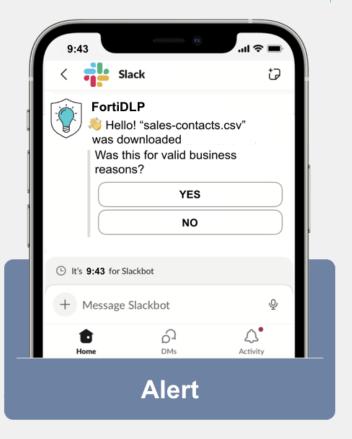
- Provide immediate feedback and training to users on any device when they violate cloud drive policies, notifying them of unauthorized activities such as file uploads, downloads, or sharing.
- Initiate automated or user-driven remediation, including:
 - Notification of automated remediation workflow (e.g., file sharing permissions altered to mitigate risk).
 - User-driven remediation via one-click actions.

Customer value and impact

 Strengthen user awareness and accountability by delivering timely, in-context guidance that reinforces data protection policies during everyday workflows.

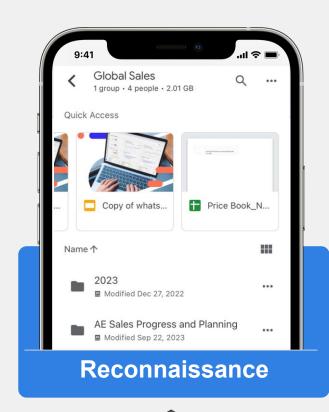
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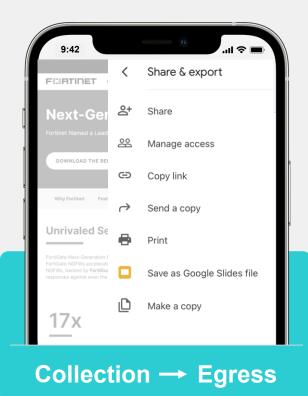
Standard | Enterprise

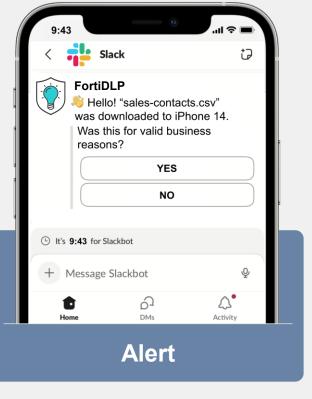




Data Exfiltration from Cloud Drive to Device Prevented With Alert











Realtime Slack or Teams Notifications



How It Works



How FortiDLP Works: Overview







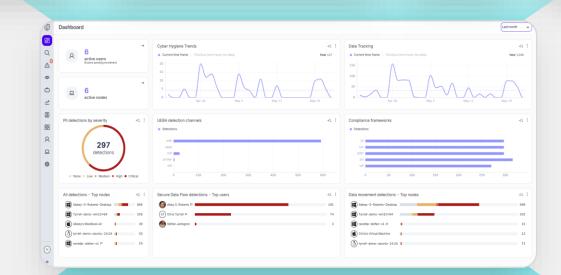
Evidence Store











OS Integrations













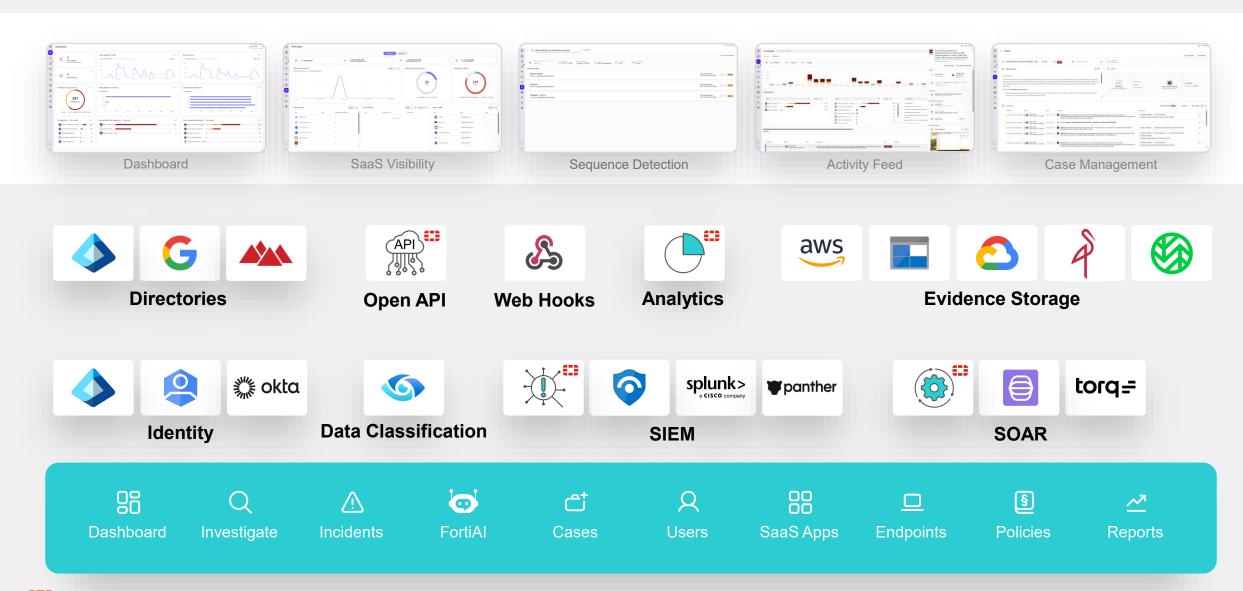






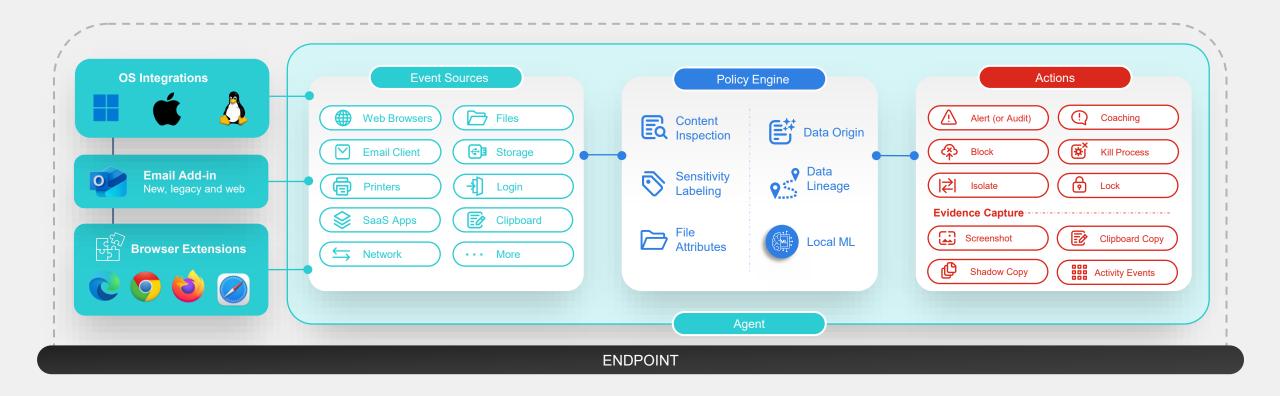


How FortiDLP Works: Management Portal



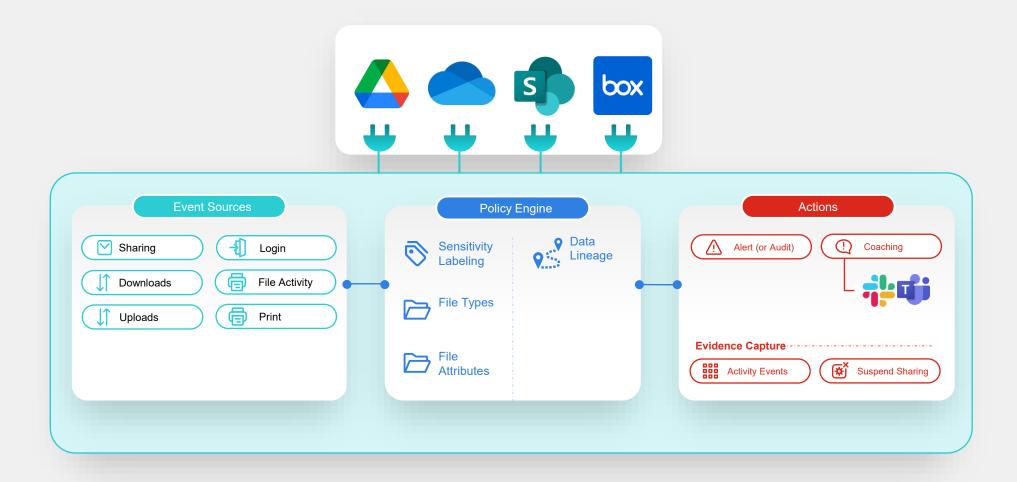


How FortiDLP Works: Endpoint View





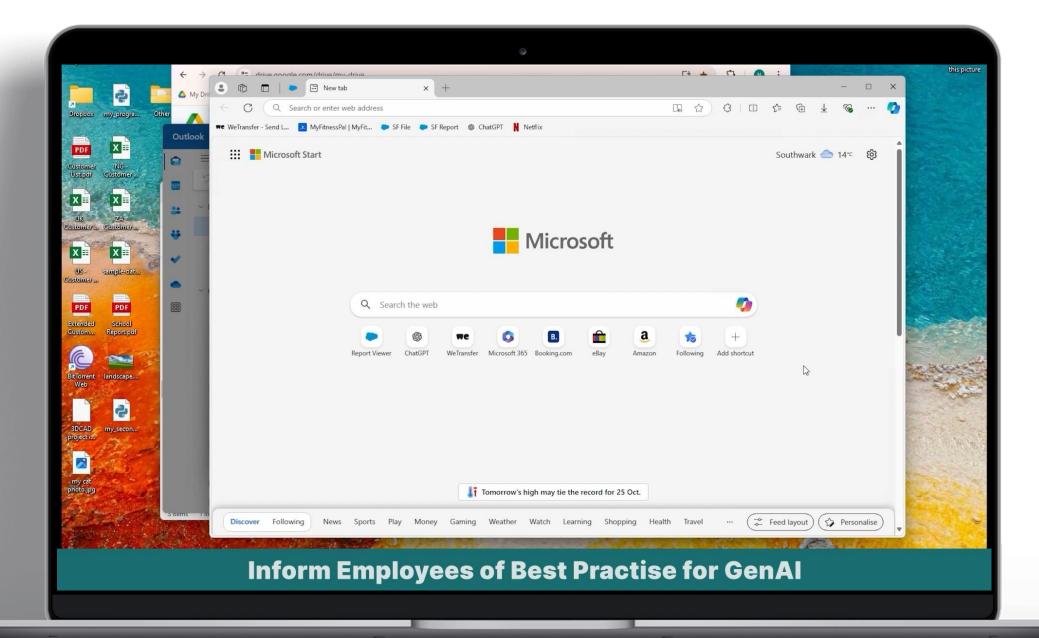
How FortiDLP Works: Cloud Connectors





Demo







Why FortiDLP

FortiDLP delivers the optimal balance of risk insights and endpoint data loss prevention.



Complete Visibility

Cloud, system, user, data, and network telemetry, plus organizational and origin context.



Rapid Time-to-Value

Instant-on endpoint and cloud sensors; visibility without policy. Get protection from day one.



Cross-Platform Protection

Data protection with dynamic responses, from ingress to egress, on managed and unmanaged devices.



Accelerated Investigation

Al-enhanced detection of insider threat activity, plus workflows that reduce time to contain and respond. FortiAl (Al Assistant) ups the game for security operations.

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