GTB Technologies
Data Security that Works™

GUARDBYTE

Simplyfing Data Leakage prevention

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Managing Data Loss
Is an exercise in Risk Management

The 4 Pillars

1. DLP Awareness (users and admins)
2. Classify and evaluate the risk
3. Control
4. Respond

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What is the purpose of a DLP

What	Another Tool or Governance approach
Why	Mandate, IP, Regulatory, Compliance
When	Immediately vs Planned
Where	Across the business, by geography
How	By policy, Training, Top-Down, Inter-organizational

The obvious …..

- Business Goals
- Company Primary IP
- Industry & Legal Requirements
- Corporate Security Policies
- New Projects rollout history

…. And not so obvious...

- Secondary IP concertns
- Business unit Practises & Repositories
- Varying adherence to Corporate Policy
- Exposed IP
- Extranet/Sharing Issues

Biggest Data Breaches

yahoo!

3 billion records

Marriott INTERNATIONAL

500 million records

EQUIFAX

143 million customers

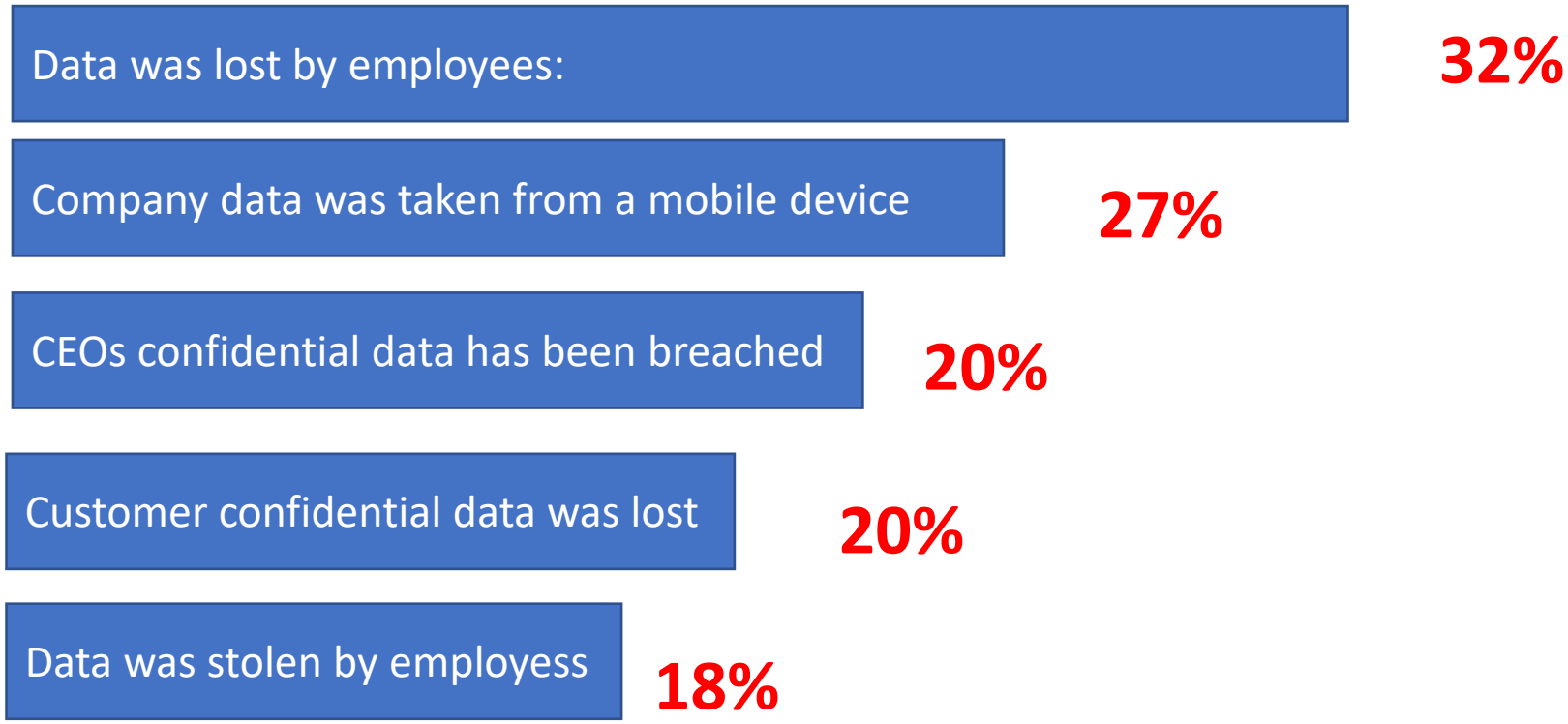
TARGET

110 million customers

Capital One

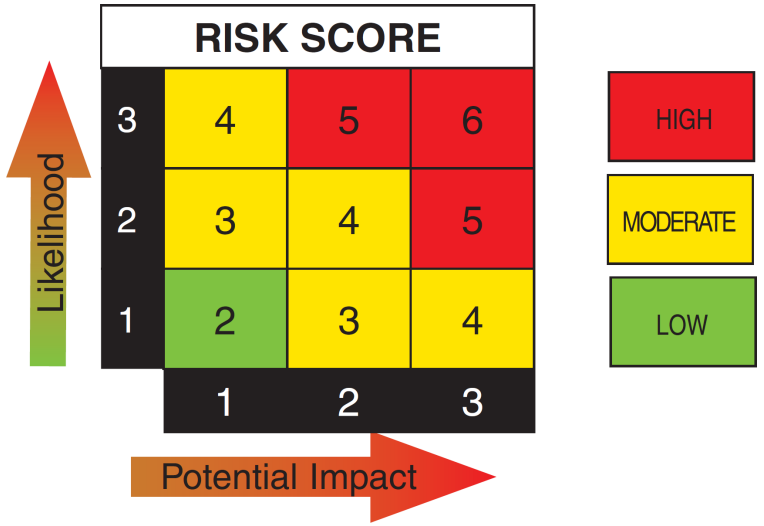
116 million customers

Which of the following occurred in your organization in the last 12 months?



We need to Classify and Evaluate the Risk

- Identify tpes of data you store
- Identify where you store it (cloud, mobile, etc)
- How is it used (listen to your users)
- Identify the level of risk of each (impact * likelihood)
    - Risk to customer
    - Risk to organization
- Review compliance requirements
- Document the matrix and decisions



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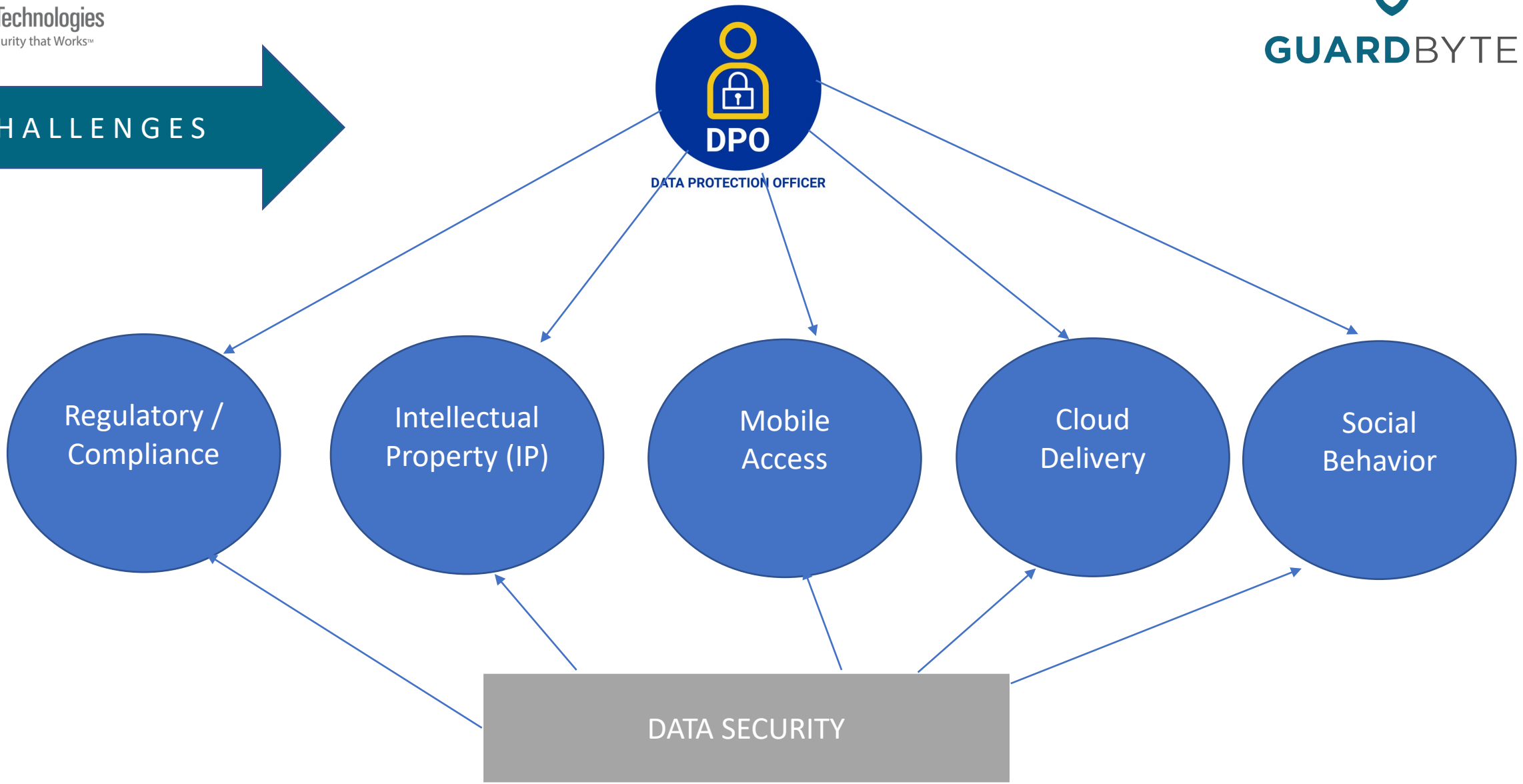
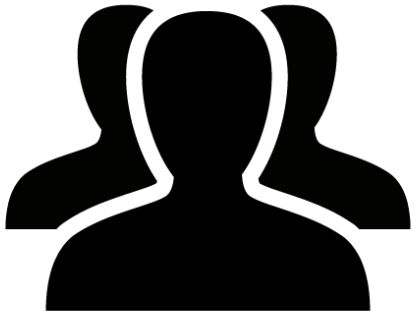
CHALLENGES



Where do threats come from?

Malicious Outsider

Trusted Insiders



Common Business Problems

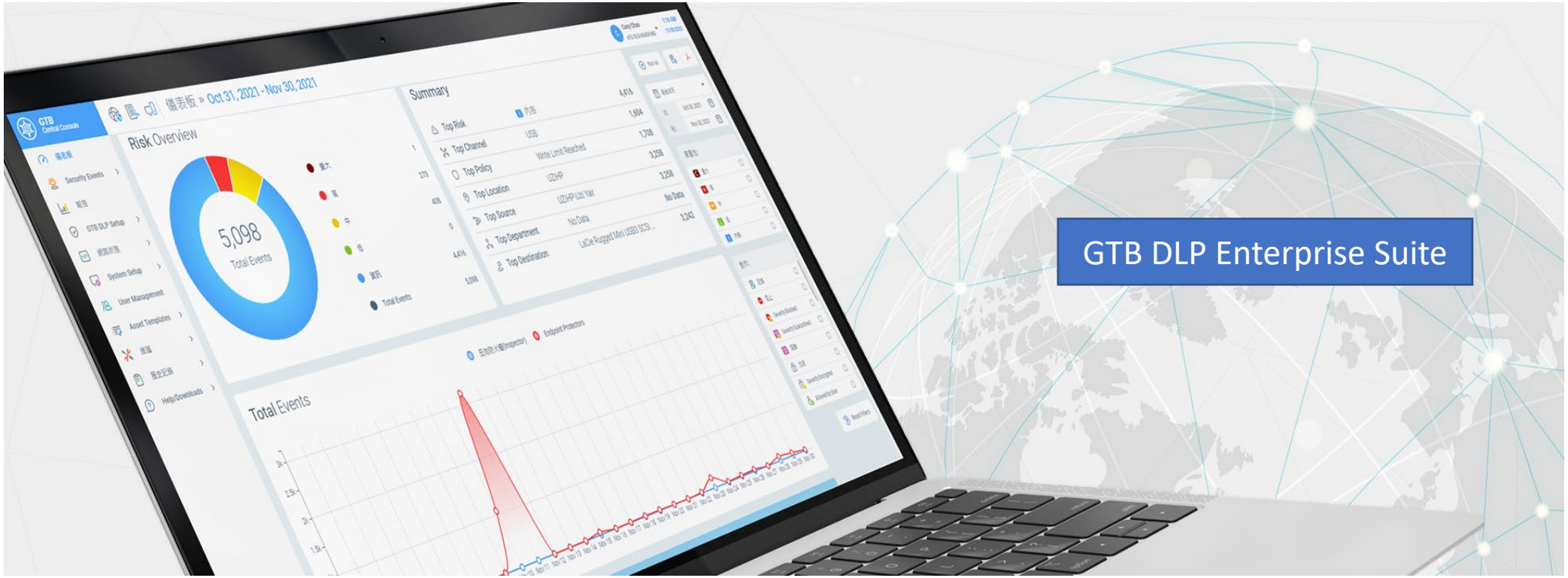
Finding & securing data everywhere

Simplifying regulatory compliance

Protecting data based on user risk

Moving business apps into the cloud

Securing data on remote endpoints


GTB DLP Enterprise Suite
Risk Overview
5,098
Total Events
Summary
Total Events

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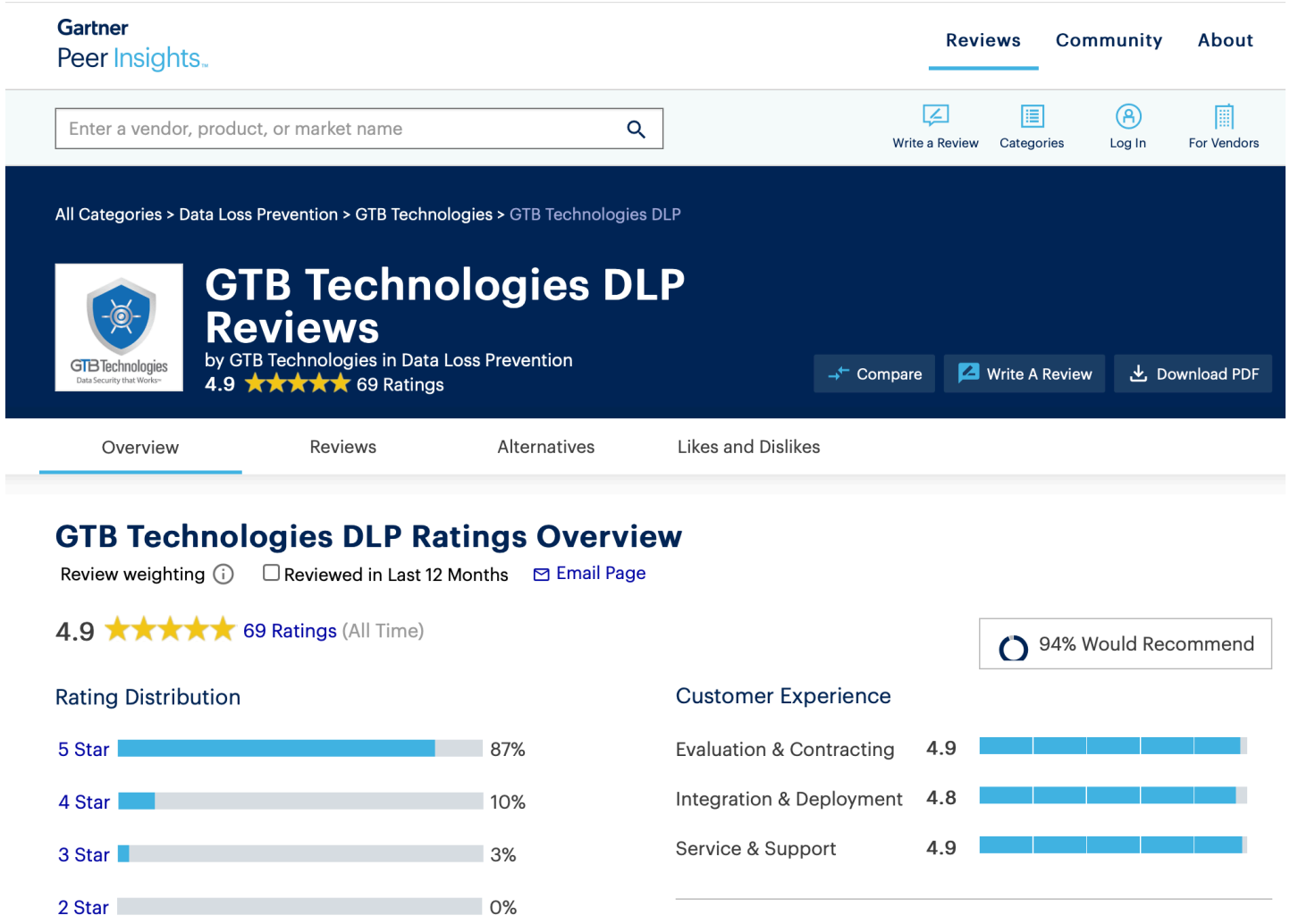
- USA Based Company
- Founded in 2003
- DLP Leader according to Gartner.



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1. **Accurate detection of Fingerprinted data** (structured, semi & unstructured) on all modules.

2. **Integrated content-aware classification system**, many targets, including cloud storage.

3. **OCR Capability for both Data in Motion & Data at Rest.**

4. **Native Cloud Scanners,** for more than 75 cloud platforms.

5. **Unique File Share Auditing** that focused on the End User / File Share.

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Where is my data?

Desktops, Laptops, Network shares, Databases

Who is sending my data?

Trusted users, Intruders, Spyware, Viruses

What data is sent?

PII
PHI
Source Code
Intellectual Property

Who received my data?

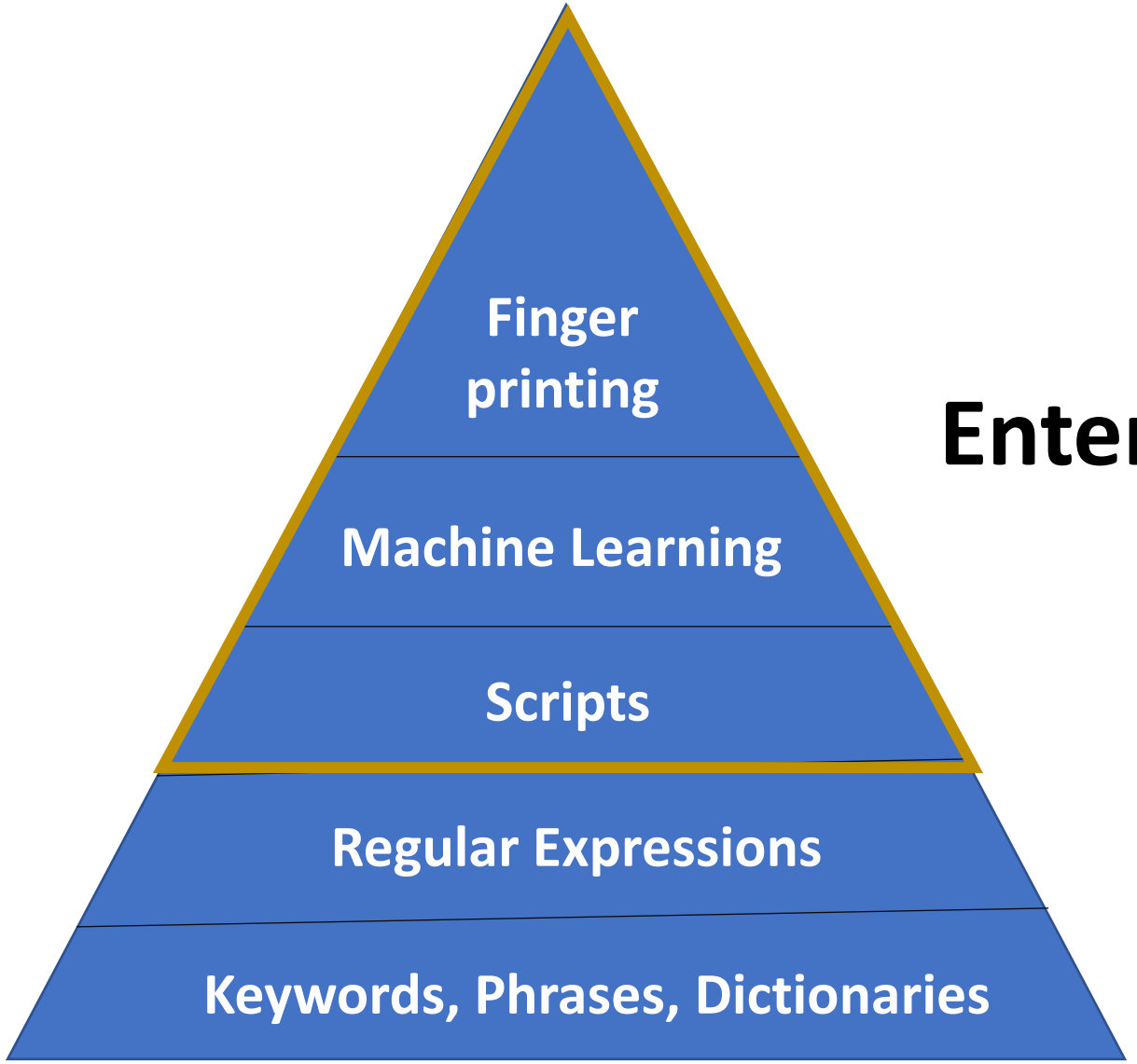
IP Address
Email destination
Geographic location

How do I protect my Data?

Cut/Copy
Paste
Print, Print Screen
Access File
Removable

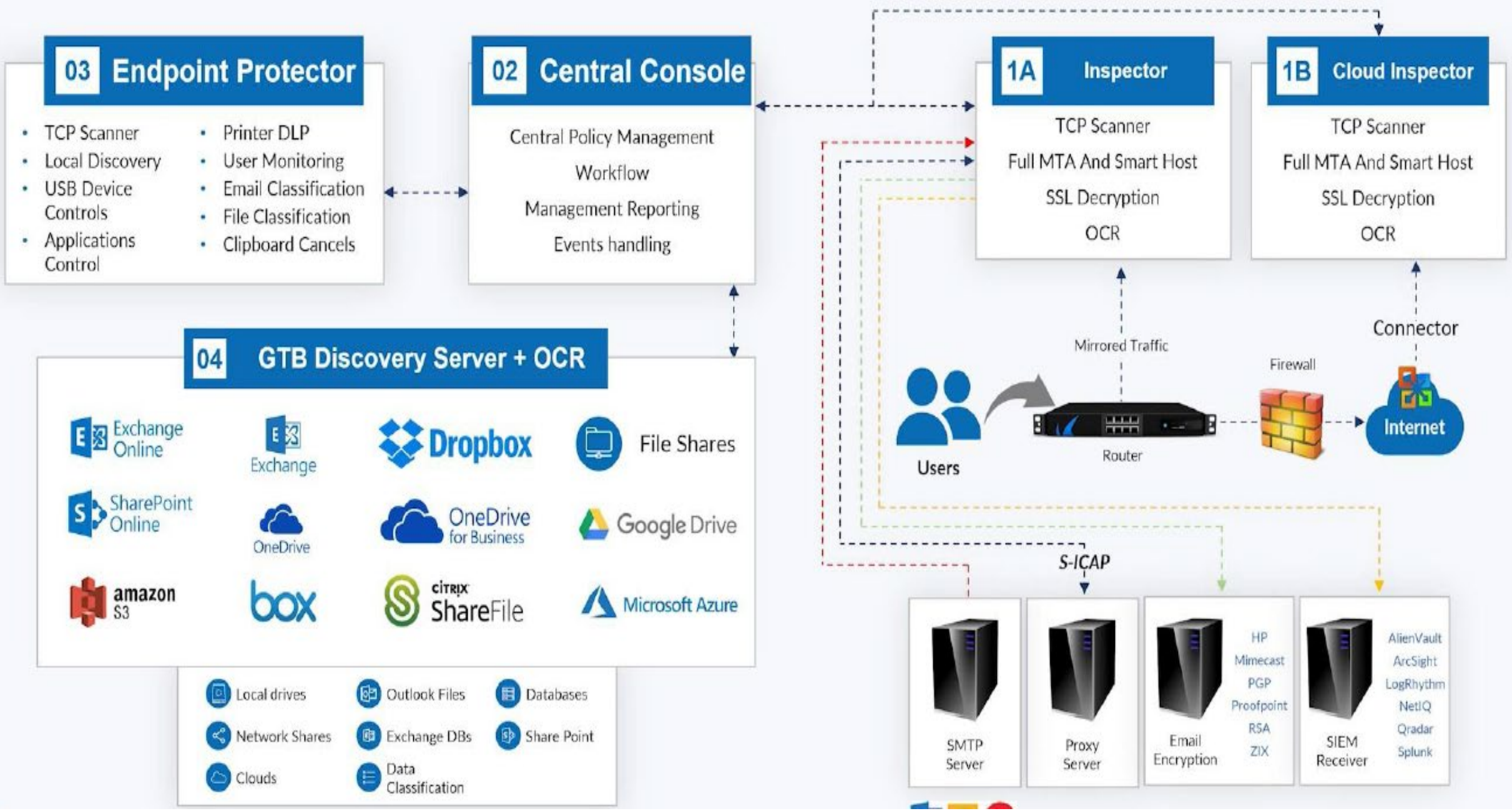
GTB Console can provide complete visibility to DPO and IT.

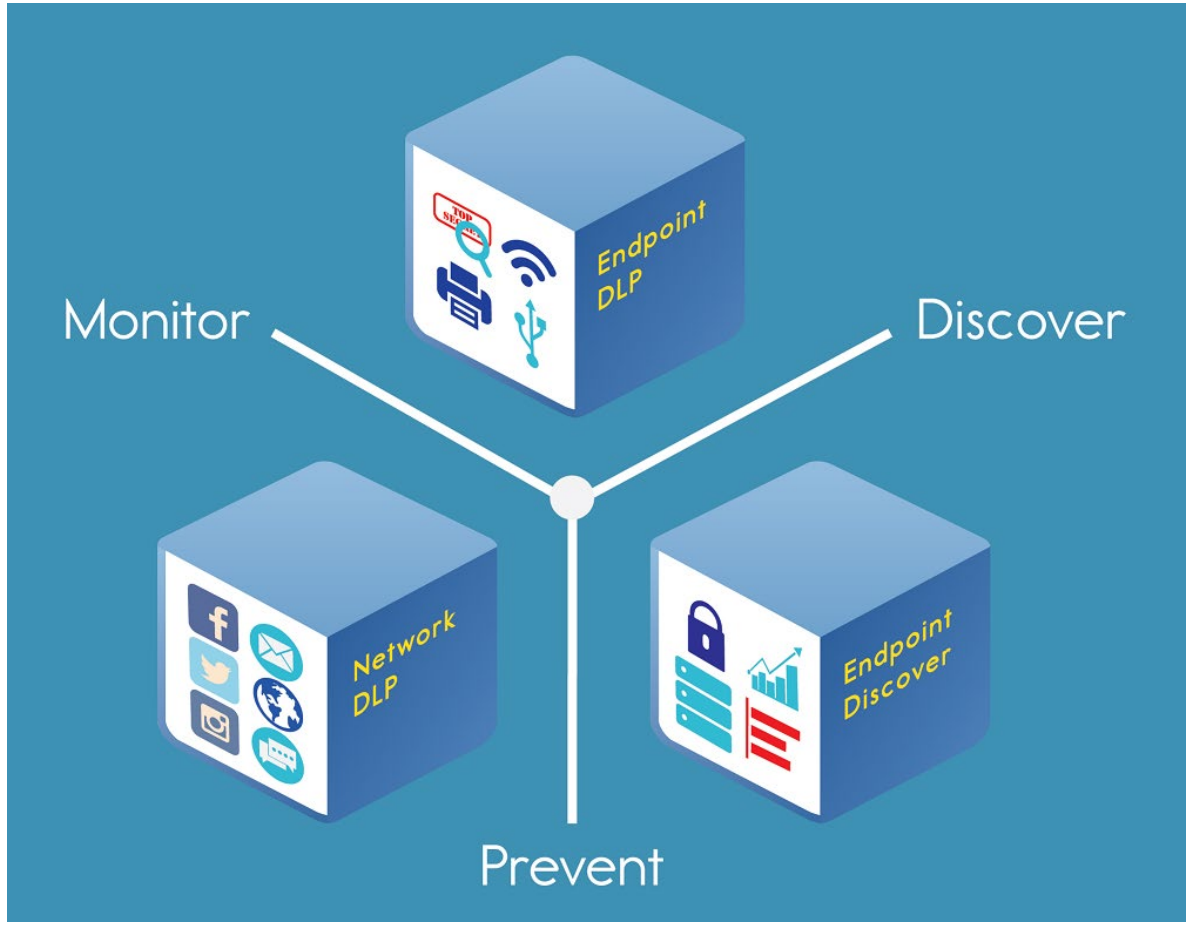
Enterprise DLP vs Standard DLP



Enterprise DLP

Standard DLP


03 Endpoint Protector
TCP Scanner
Local Discovery
USB Device Controls
Applications Control
Printer DLP
User Monitoring
Email Classification
File Classification
Clipboard Cancels
02 Central Console
Central Policy Management
Workflow
Management Reporting
Events handling
1A Inspector
TCP Scanner
Full MTA And Smart Host
SSL Decryption
OCR
1B Cloud Inspector
TCP Scanner
Full MTA And Smart Host
SSL Decryption
OCR
04 GTB Discovery Server + OCR
Exchange Online
Exchange
Dropbox
File Shares
SharePoint Online
OneDrive
OneDrive for Business
Google Drive
amazon S3
box
CITRIX ShareFile
Microsoft Azure
Local drives
Outlook Files
Databases
Network Shares
Exchange DBs
Share Point
Clouds
Data Classification
Mirrored Traffic
Connector
Firewall
Users
Router
Internet
S-ICAP
SMTP Server
Proxy Server
Email Encryption
HP
Mimecast
PGP
Proofpoint
RSA
ZIX
SIEM Receiver
AlienVault
ArcSight
LogRhythm
NetIQ
Qradar
Splunk



GUARDBYTE

- Pre-architected policy library
- Advanced Data Detection: Fingerprinting, OCR, Machine Learning
- Drip DLP
- Cloud APP Security
- Easy to deploy, Friendly UI

Adaptable to work on any enviroment:

- SMB
- SME
- Enterprise Accounts
- On – Premises
- Cloud as a SaaS

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THANK YOU

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