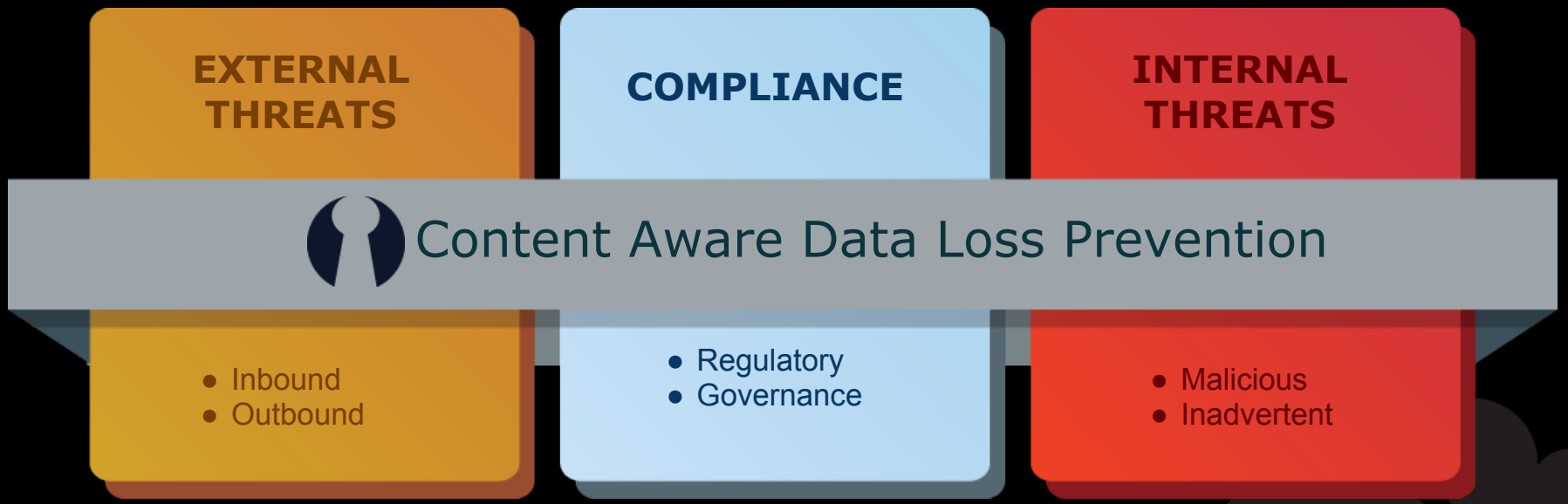
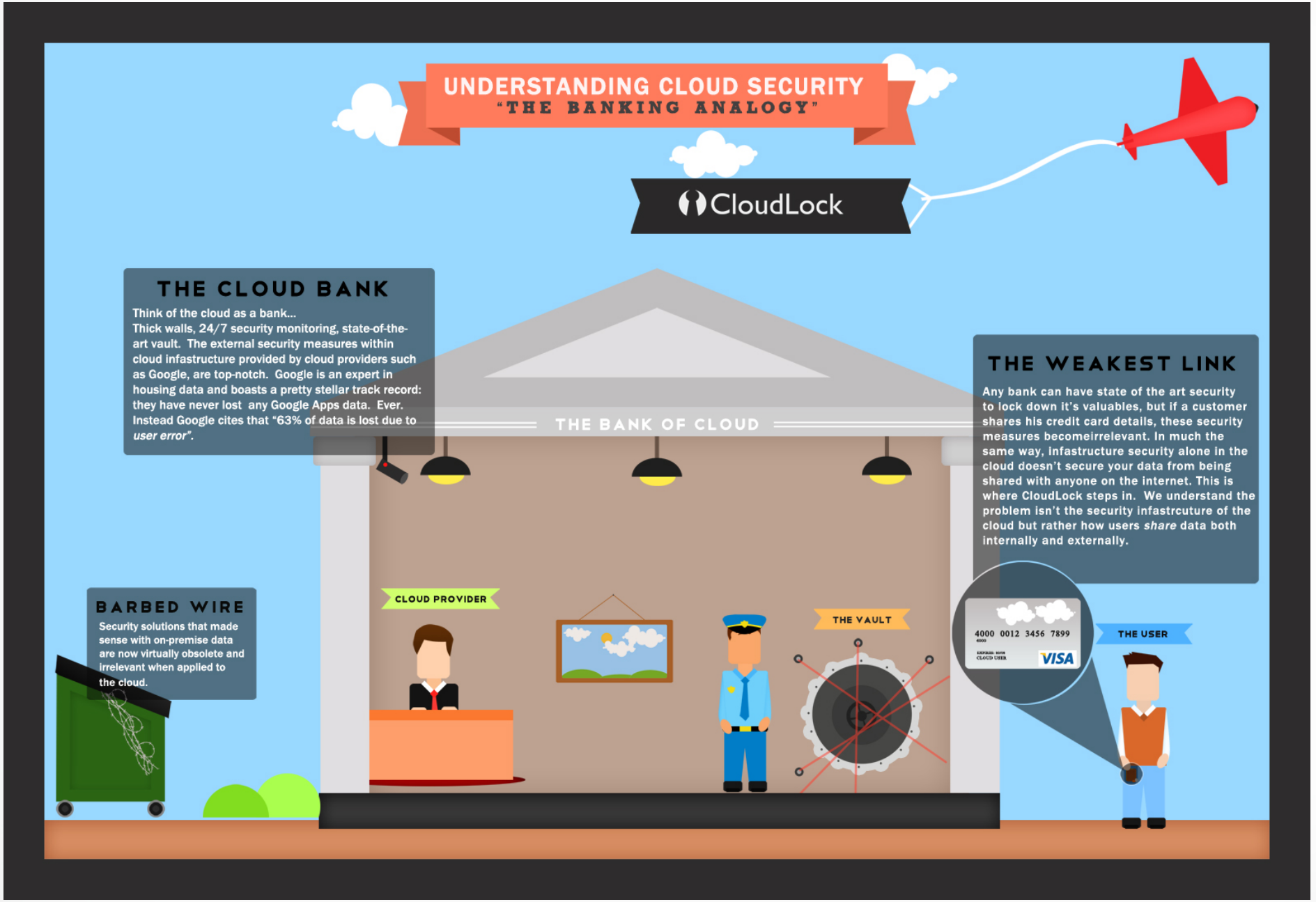
The largest Google Apps customers in the world trust CloudLock to secure their data.



CloudLock

cloudlock.com

Think Of The Cloud As a Bank...



CloudLock™

CloudLock, Inc.

- Launched in 2007
  - SaaS company
  - DLP solution
  - Enable secure collaboration in the cloud
- Customer Base:
  - **300+** Customers
  - **3000+** Domains
  - **~1M** users under license
- Background:
  - **EMC, Sun, NetApp, Interwise, AT&T, Mercury Interactive, HP, IDF**

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cloud security alliance℠

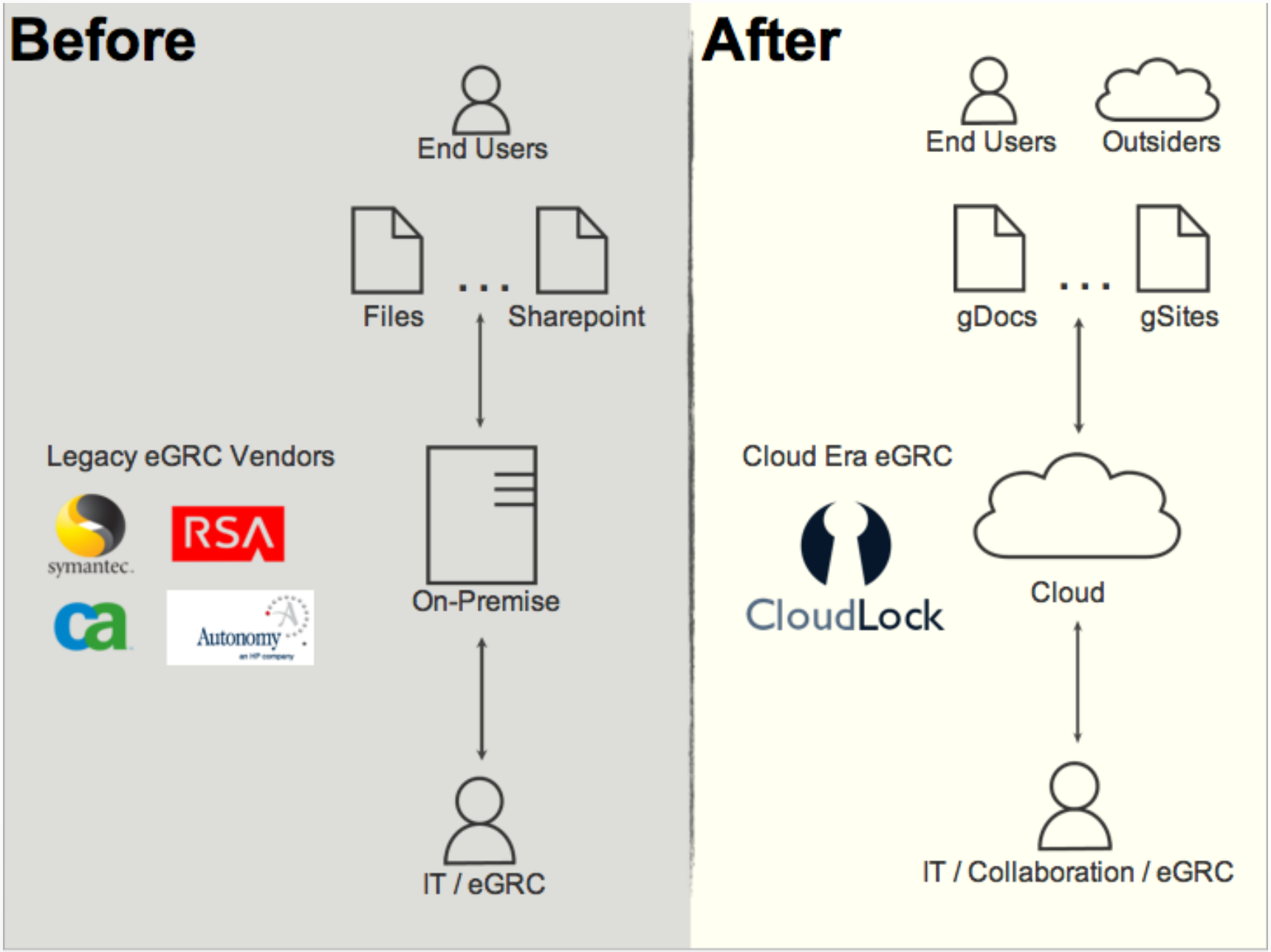
TRUSTe

U.S.•EU SAFEHARBOR U.S. DEPARTMENT OF COMMERCE

Users of CloudLock for IP Protection and Compliance

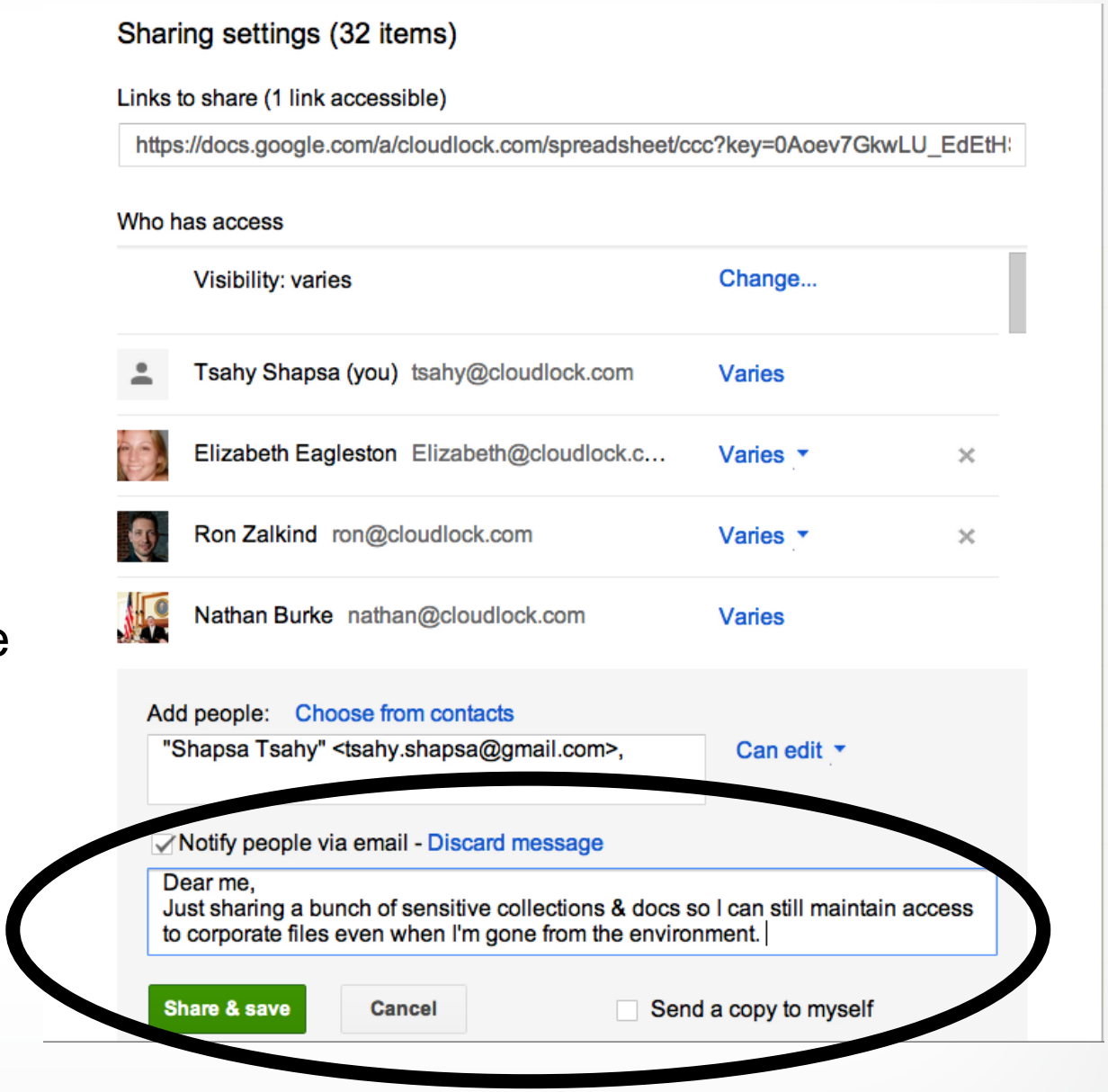
ENTERPRISE	Seagate (We turn on ideas), Costco Wholesale, Motorola Mobility, Jabil, Sealed Air, Wyoming, GSA U.S. General Services Administration
MID-SIZE	Dominion Enterprises, News International, theguardian, United States Environmental Protection Agency, Boise State, Austin Community College District, Edina Public Schools (Defining Excellence), MoMA The Museum of Modern Art
SMALL	PCWorld, The Christian Science Monitor, City of Panama City Florida, Middlebury, Consumer Reports, Bay Cove Human Services, North Georgia College & State University (The Military College of Georgia), AMAG Pharmaceuticals, Mortgage Choice, Westerville, CSUMB, United States Holocaust Memorial Museum, TechnoServe (Soluciones Empresariales para la Pobreza Rural)

The need for DLP: Google Collaboration



Case Study: Malicious Sharing

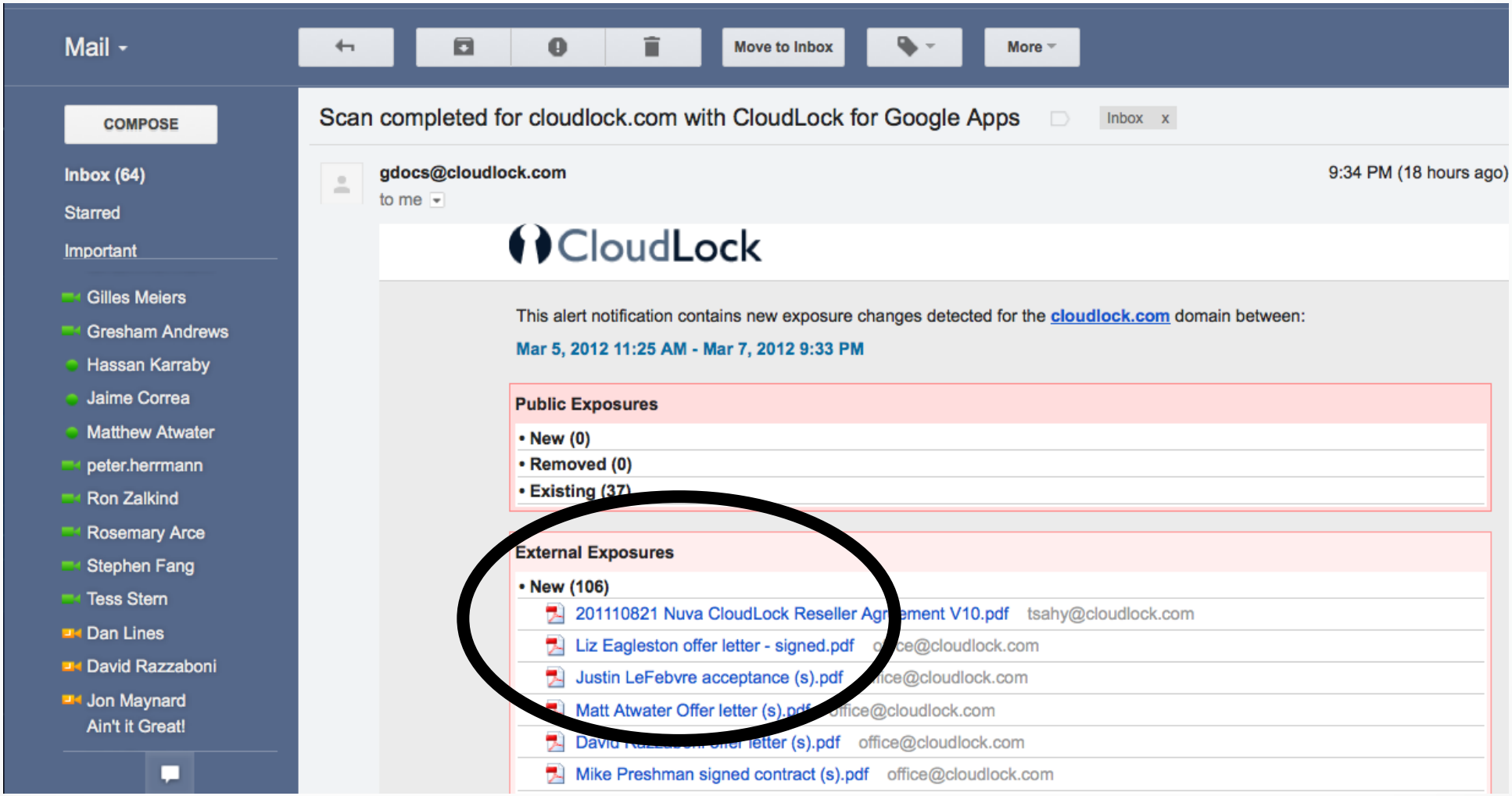
- Past: employees would save files to flash drives, send email attachments etc
  - Consequence: One time Data Leak
- Today: Share with a personal gmail account
  - Consequence: Open pipe for Data Leak



CloudLock™

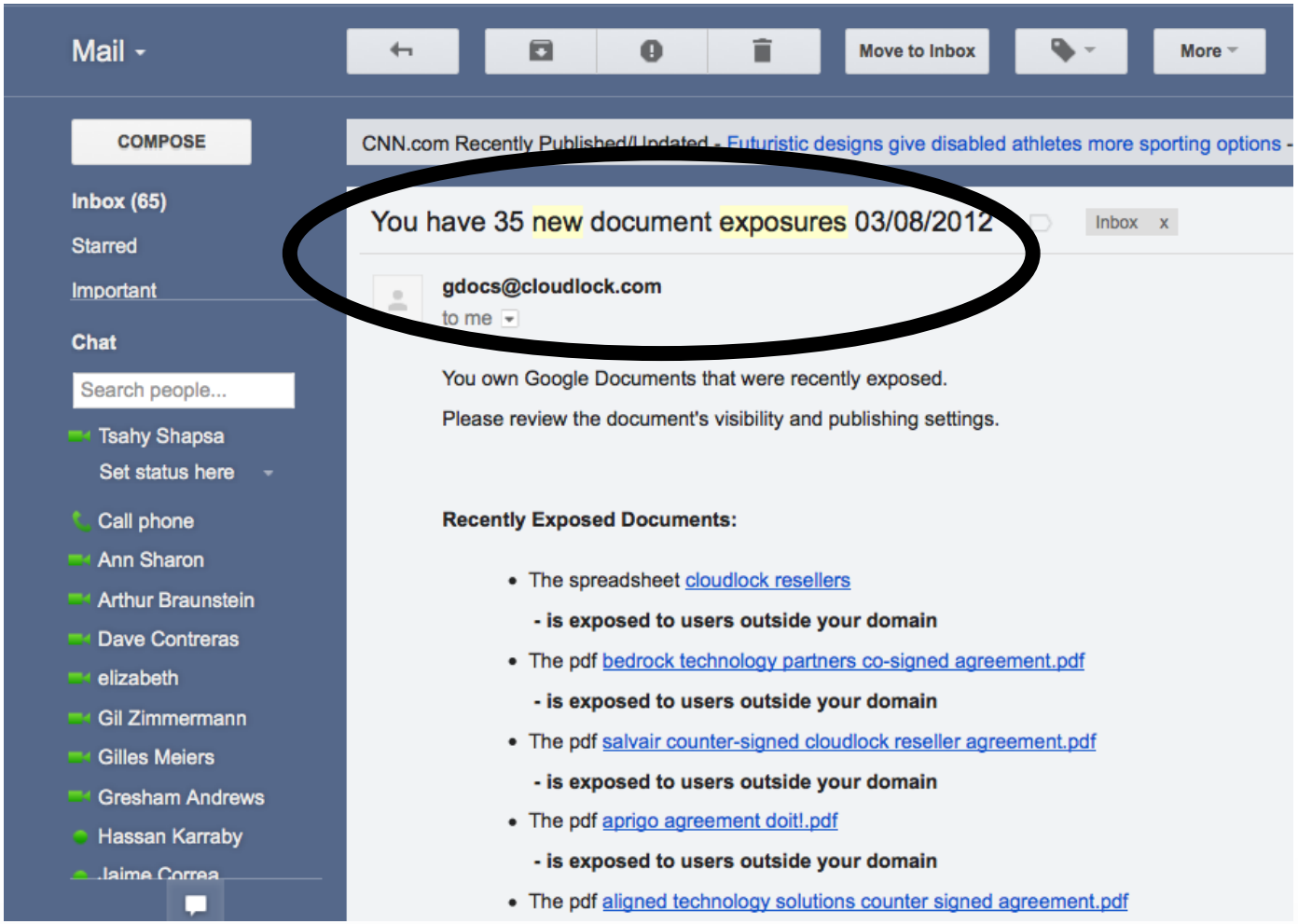
Case Study: Inadvertent Sharing

- Email alert sent by CloudLock to Domain Administrator: Exposure



Case Study: Inadvertent Sharing contd.

Data Owner Receives Email Alert: Exposure



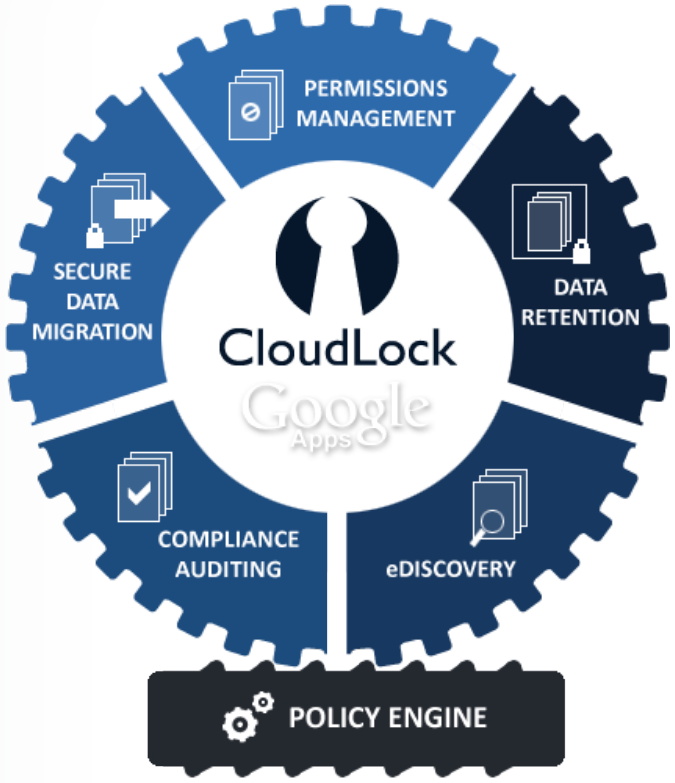
Enforcing Acceptable Use Policy

Policy Name	Policy Type	Details
Partner Project	Trusted Zone	Only Eng@CloudLock can collaborate with Eng@Google
Marketing Collateral DMZ	Public Sharing	Only Mktg@CloudLock is allowed to share files & sites with the 'public'
Sales Collateral	External Sharing	Only Sales@CloudLock is allowed to share with explicit external users
HR - Benefits	'Everyone' sharing	Only HR@CloudLock is allowed to share with 'Everyone' in the domain
James litigation monitoring	User / OU monitoring	James@CloudLock is allowed to share with 'whitelisted' external domains & internal OUs
Europe collaboration with US operations	Collaboration Analytics	Report on how two internal divisions are collaborating

Key Questions to Answer

- What data is stored in our Cloud File Server?
- Who has access to what? What is accessible to whom?
- Who is sharing with the public internet?
- Who is sharing outside the domain? Or across domains?
- How do we respond to litigation or discovery requests?
- How do we audit changes to permissions? And super admins?
- How do we alert on policy violations?
- How do we enforce our data sharing policy?
- **How do we minimize rogue collaboration?**

Focus On Data Security



COMPLIANCE & AUDIT

GOVERNANCE & eDISCOVERY

DATA ACCESS & INVENTORY

} eGRC

IT PLATFORM PROVIDER

INFASTRUCTURE SECURITY

IT AND ADMIN

CloudLock ™

Adam Pomson

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CLOUD DATA SECURITY