



DOMOPALOOZA

POWER OF THE PLATFORM

WELCOME

Domo Trust

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What we Protect

- Over 36% of Global Fortune 50 companies
- Customers across 70+ countries
- Highly regulated industries including financial services, health care, government, retail, pharmaceuticals, energy, and technology providers, amongst others
- Protect billions of sensitive data records e.g. PII, PHI, financial data, etc.
- 1000+ Applications and 550+ Connectors

Trust Program

Trust Program

“ The Domo Trust program represents the **Security, Compliance** and **Privacy** controls that protect our Customers Data ”

Domo Compliance

Attained a depth of compliance certifications that place us in the top tier of Enterprise Cloud Providers.



HITRUST



HONG KONG MONETARY AUTHORITY
香港金融管理局



**Independent
Penetration Test Report:
Web (IPTRW)**

**Independent
Penetration Test Report:
Mobile (IPTRM)**

SECURE BY DESIGN

Domo Cloud Locations



- US East
- Ireland (EU)
- Australia
- Japan



- US East



- US East

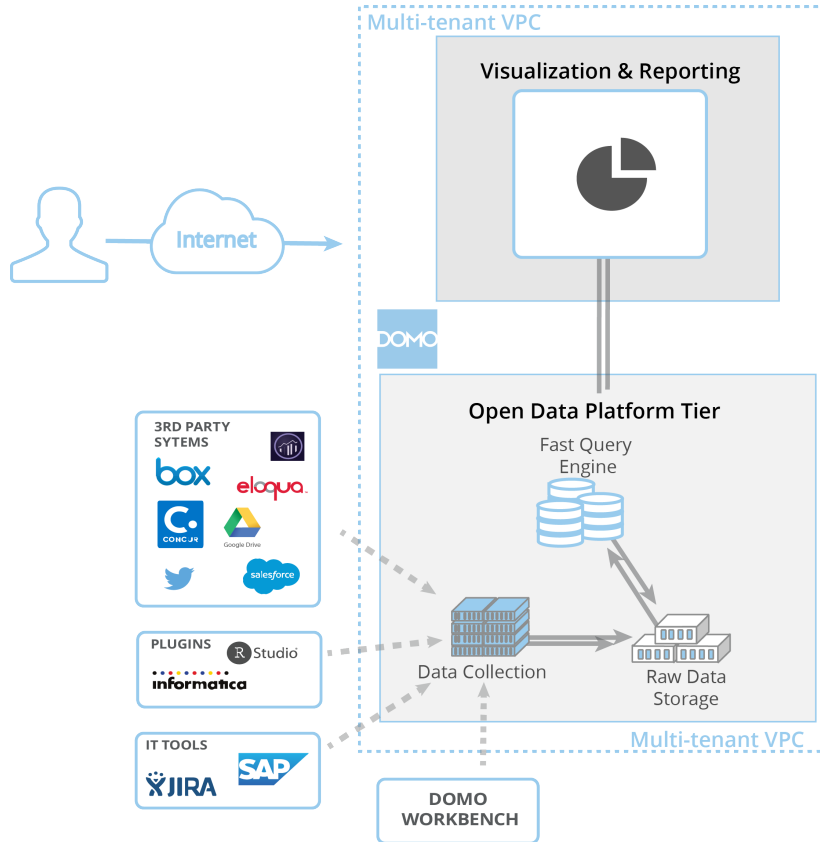
Domo multi-layer security

Network Security

- Limited Network Footprint
- Security Scans
- Network and Host Firewalls
- External Traffic Encrypted
- Traffic Monitored by the Security Ops Center (SOC)

Application Security

- Feature Threat Assessments
- Security Lead Assigned
- Static & Dynamic secure Code Reviews
- Internal & Third-party Penetration Tests



Physical Security

- Multiple Perimeter Layers
- 24x7 Security Guards
- Biometrics, Mantraps and Cameras
- Independently Audited

User Access

- Least Privilege & Separation of Duties
- Background Checks
- Jumpbox & Multi-factor authentication
- User Activity Logged

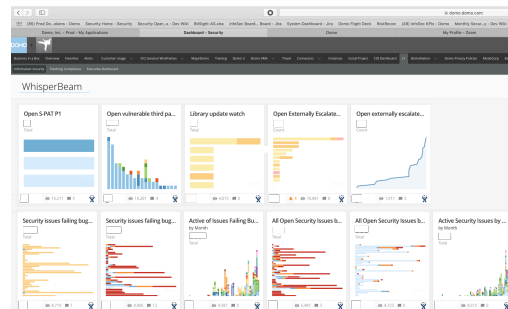
Encryption

- AES 256-bit Encryption of Customer Data in persistent storage
- Customer Managed Encryption Keys supported via Bring Your Own Key (BYOK) and Workbench

Infrastructure as a Service: On Demand Security

WhisperBeam

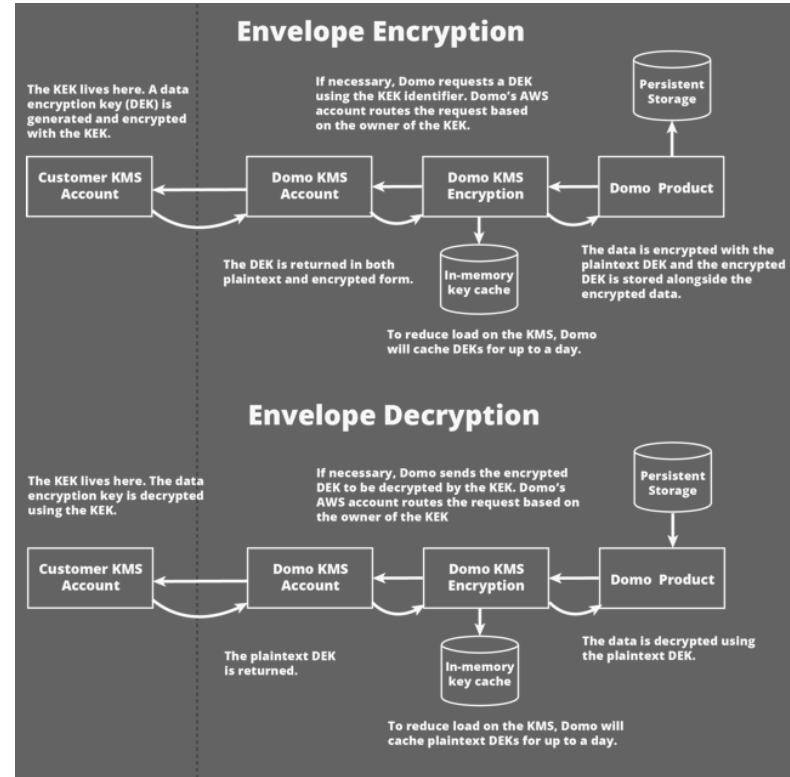
- Designed by Domo to monitor the Security and Compliance of our AWS Instances
- Leverages our Intellectual Property to design customized events based on actual threats to our Customers and to Domo
- All data and alerts can be viewed, analyzed and communicated within the Domo product and mobile
- Release in Q1 2019



Security Features (Options)

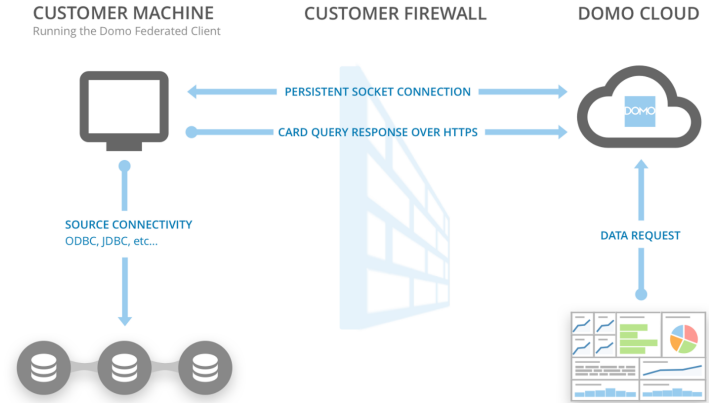
Bring Your Own Key (BYOK)

- The Domo BYOK encryption model is designed to allow customers to always be in control of their data
- BYOK is composed of three parts:
 - Encryption Keys
 - Kill Switch
 - Activity logs
- One encryption key per hour or 8,760 encryption keys per annum



Federated Query (on premise)

- Domo Federated Query supports federated queries between the Domo cloud and the customer's on premise data stores, without duplicating data.
- Customer Data remains protected in the customer's on premise environment and only that sub-set of Customer Data that is queried by the customer is passed temporarily to the Domo cloud



Customer Security

Customer Security

“ The Domo Cloud is designed to **enable customers** to manage their own Cloud Instance in accordance with their **internal security** and **compliance** requirements ”

Customer Security: Authentication


Authentication

- Credentials can be managed by Domo, or Federated Authentication protocols such as SAML, OpenID and OAuth are supported
- Domo has partnered with numerous Identity Providers (IdP) to provide Single Sign On (SSO)
- Multi-factor Authentication (MFA) is supported natively within Domo or through customer's Identity Provider (IdP)

Single Sign-On [How do I configure my identity provider?](#)


IDENTITY PROVIDER ENDPOINT URL

ENTITY ID

X.509 CERTIFICATE
  [View Certificate](#)

☐ Import groups from identity provider

☐ Only invited people can access Domo

SAML ASSERTION ENDPOINT URL
 

Your identity provider will ask for this URL



Active Directory



Customer Security: Authorization

IP address Whitelisting

- Control access from any Internet IP address
- Managed by customer admins

E-mail domain Whitelisting

- Create a list of authorized email domains
- Restrict access to a specific company and trusted third-party companies

APPROVED

REJECTED

Customer Security: Authorization

Security Profiles

- Access to every single object in Domo is controlled through user, groups and security profiles.
- Customers can exercise administrative control privileges in Domo by assigning security profiles.

Admin Settings

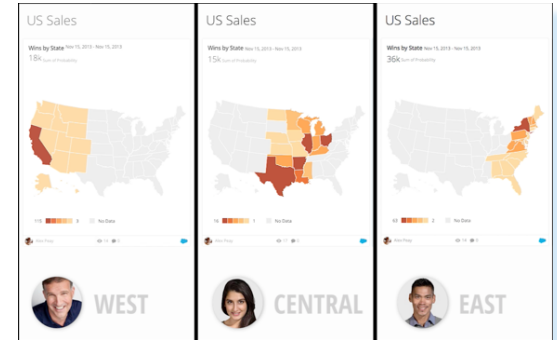
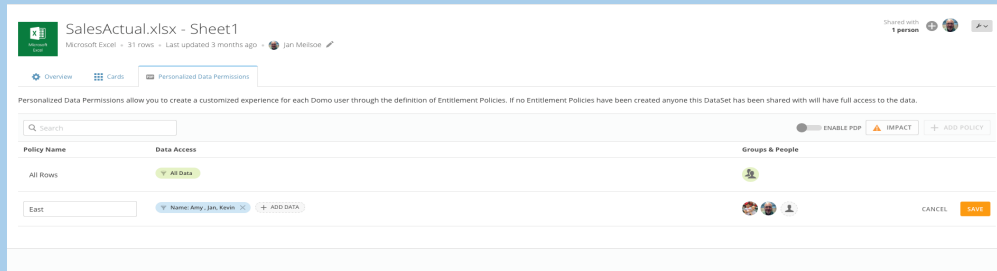
| People | Admin | Admin |
|--------------------|----------------------|------------------------------------|
| Groups | Privileged (Default) | ✓ Allow inviting new users |
| Cards | Editor | ✓ Allow assigning role on Invite |
| Pages | Participant | ✓ Allow editing user |
| Publications | | ✓ Allow creating or editing groups |
| Access Rights | | ✓ Allow creating or editing cards |
| Tool Downloads | | ✓ Allow viewing cards |
| Publication Groups | | ✓ Allow setting owner |
| Security | | ✓ Allow setting card access |
| Company Settings | | ✓ Allow creating or editing pages |

| Admin | Privileged | Editor | Participant |
|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| ✓ Allow inviting new users | ✓ Allow inviting new users | ⊗ Allow inviting new users | ⊗ Allow inviting new users |
| ✓ Allow assigning role on Invite | ✓ Allow assigning role on Invite | ⊗ Allow assigning role on Invite | ⊗ Allow assigning role on Invite |
| ✓ Allow editing user | ⊗ Allow editing user | ⊗ Allow editing user | ⊗ Allow editing user |
| ✓ Allow creating or editing groups | ✓ Allow creating or editing groups | ⊗ Allow creating or editing groups | ⊗ Allow creating or editing groups |
| ✓ Allow creating or editing cards | ✓ Allow creating or editing cards | ✓ Allow creating or editing cards | ⊗ Allow creating or editing cards |
| ✓ Allow viewing cards | ✓ Allow viewing cards | ✓ Allow viewing cards | ✓ Allow viewing cards |
| ✓ Allow setting owner | ⊗ Allow setting owner | ⊗ Allow setting owner | ⊗ Allow setting owner |
| ✓ Allow setting card access | ✓ Allow setting card access | ✓ Allow setting card access | ⊗ Allow setting card access |
| ✓ Allow creating or editing pages | ✓ Allow creating or editing pages | ✓ Allow creating or editing pages | ⊗ Allow creating or editing pages |

Customer Security: Authorization

Personal Data Permission (PDP)

- Customers can also control access down to the individual row level data
- PDP allows customers to restrict which specific rows a user should have access to (e.g. view sales data only for their region).



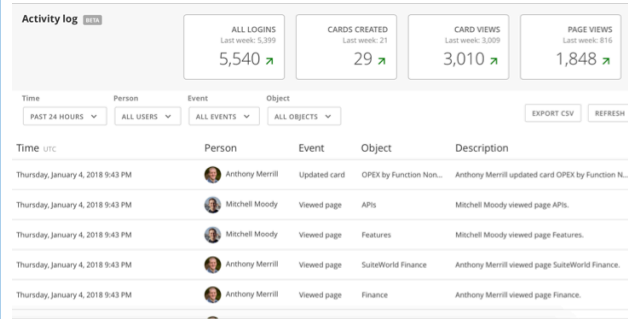
Customer Security: Accounting

Customer Instance Logging

- All end user activity in the Customer Instance is logged
- Logs may be viewed at any time, and can be filtered and sorted

Security Information Event Management (SIEM)

- Integrate Customer Instance logs directly into the Customer SIEM via the Activity Log API - <https://api.domo.com/v1/audit>



The screenshot displays the 'Activity log' interface. At the top, there are four summary boxes: 'ALL LOGINS' (5,540), 'CARDS CREATED' (29), 'CARD VIEWS' (3,010), and 'PAGE VIEWS' (1,848). Below these are filters for Time (Past 24 hours), Person (All users), Event (All events), and Object (All objects). A table follows with columns for Time, Person, Event, Object, and Description, listing recent activities such as card updates and page views by specific users.

| Time | Person | Event | Object | Description |
|-----------------------------------|-----------------|--------------|-------------------------|--|
| Thursday, January 4, 2018 9:43 PM | Anthony Merrill | Updated card | OPEX by Function Non... | Anthony Merrill updated card OPEX by Function N... |
| Thursday, January 4, 2018 9:43 PM | Mitchell Moody | Viewed page | APIs | Mitchell Moody viewed page APIs. |
| Thursday, January 4, 2018 9:43 PM | Mitchell Moody | Viewed page | Features | Mitchell Moody viewed page Features. |
| Thursday, January 4, 2018 9:43 PM | Anthony Merrill | Viewed page | SuiteWorld Finance | Anthony Merrill viewed page SuiteWorld Finance. |
| Thursday, January 4, 2018 9:43 PM | Anthony Merrill | Viewed page | Finance | Anthony Merrill viewed page Finance. |



QUESTIONS?



THANK YOU

DOMOPALOOZA