



elastica

Data Science Powered™ Cloud App Security

Today's Cloud Security Challenges

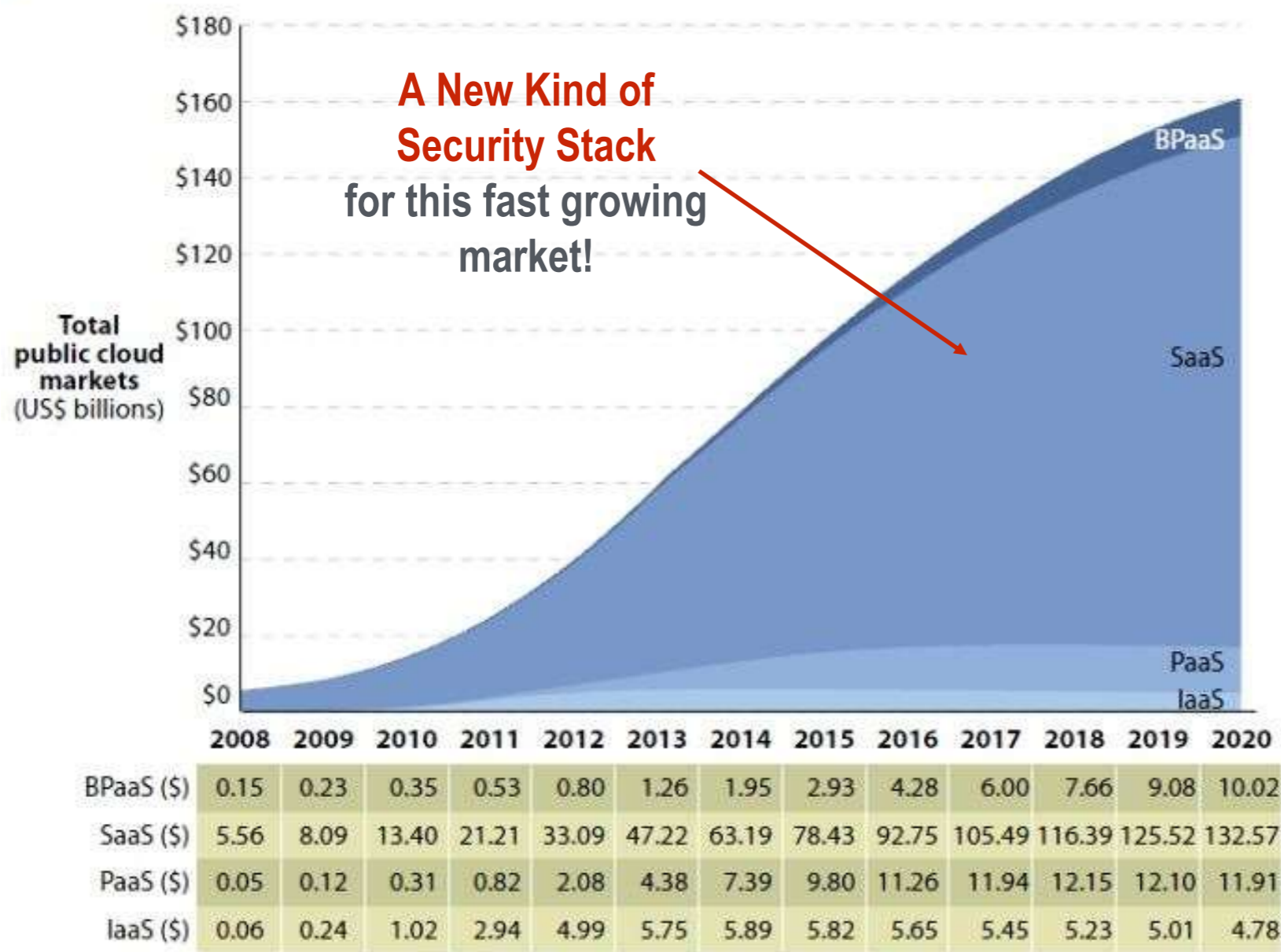
The genie is not going back into the bottle!



\$130B Cloud Apps Market by 2020

Figure 3 Forecast: Global Public Cloud Market Size, 2011 To 2020

The spreadsheet detailing this forecast is available online.



Even **Microsoft** Turning its Sales Model on its Head!

Subscribe to O365 and get Desktop Apps **Free!!**



Three Main Threat Vectors For Cloud Apps



Mistake

No malicious intent - just bad practice

- Inappropriate sharing of critical content
- Broad sharing of data outside of specified groups
- Moving restricted data between services
- Sending data to external sources without considering implications
- Failing to limit collaborators to appropriate groups



Insider

Determined internal threat – difficult to predict

- Disgruntled employee
- Dishonest Employee
- Employee leaving to join competitor
- Terminated employee who still has access
- Uploading critical data to personal storage



Hijacked

Compromised devices or credentials

- Phishing attacks
- Man in the middle
- Keystroke loggers
- Stolen device
- Stolen credentials
- Socially engineered theft

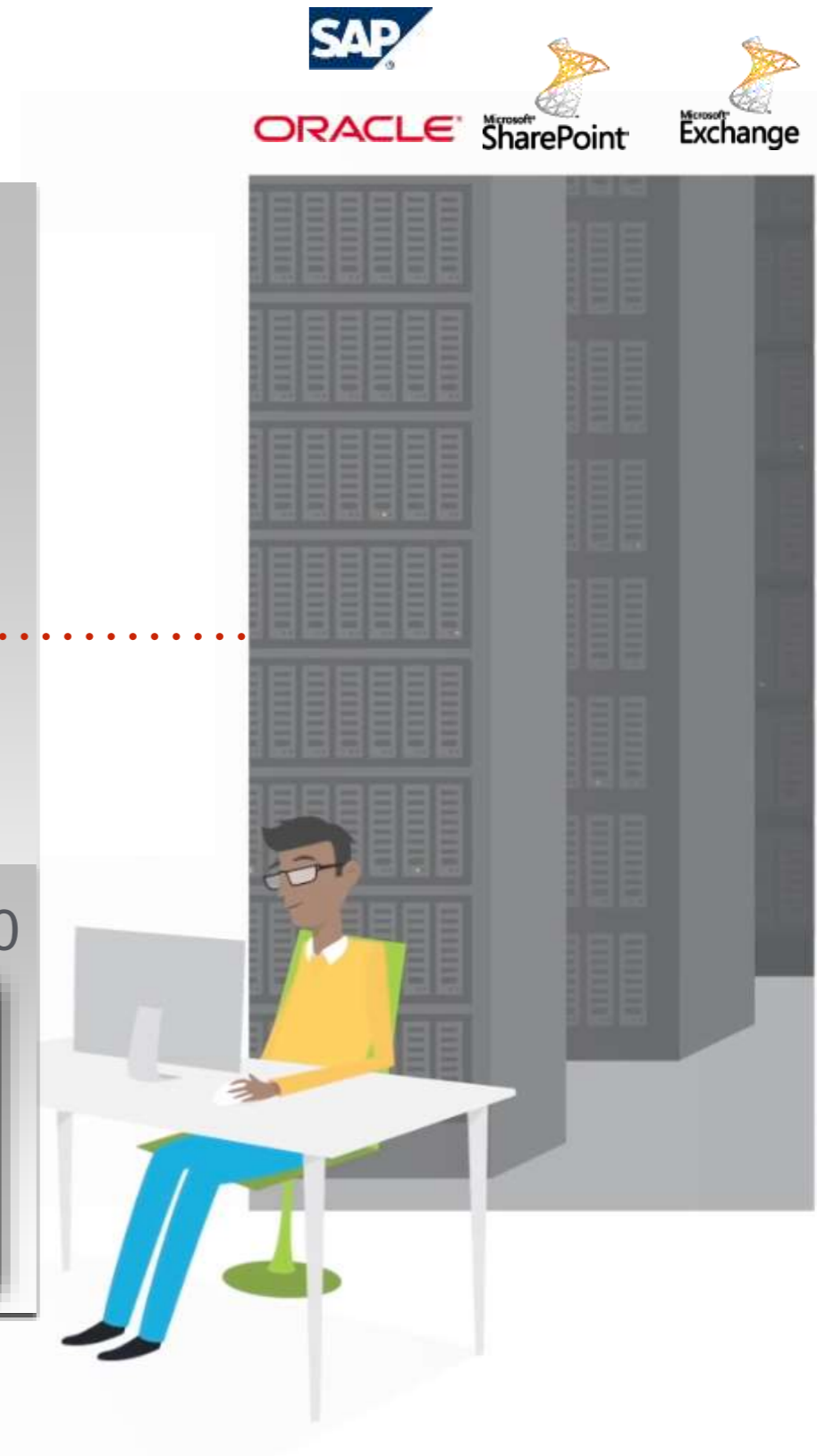
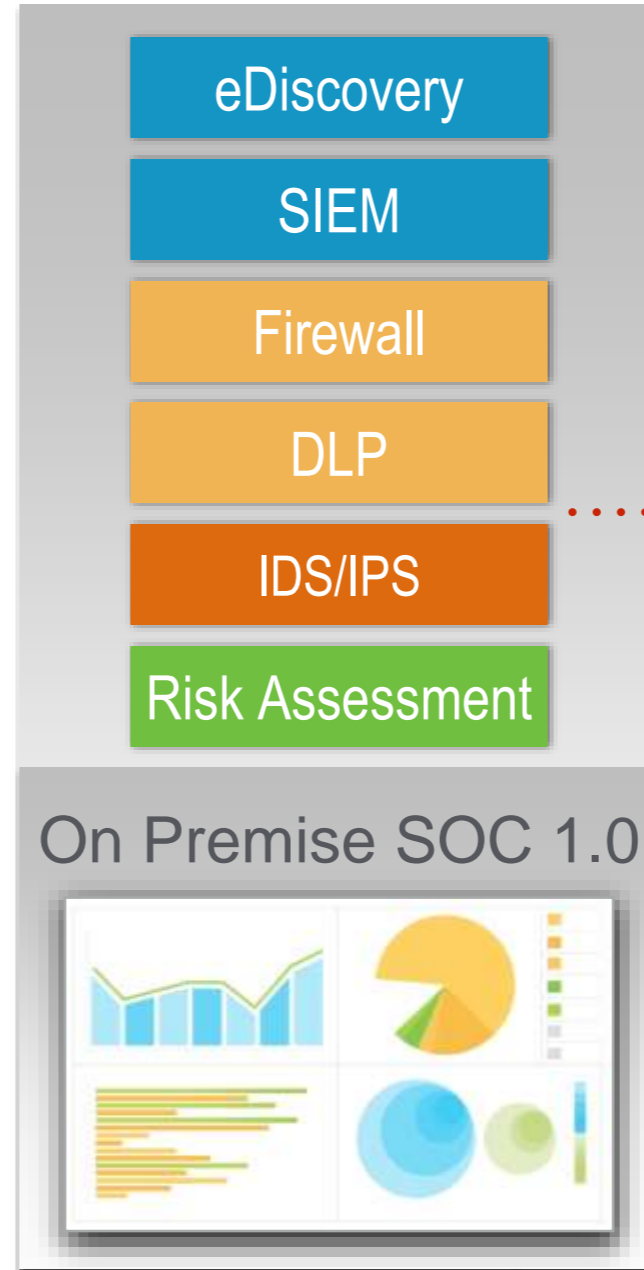
Tectonic Shift in the Market



Unmonitored Activities



Outside SOC 1.0's reach



Tectonic Shift in the Market



AUDIT
DETECT
PROTECT
INVESTIGATE

Elastica CloudSOC

Dashboard

Total Users	0	Total Policies	2	Total Alerts	35
High Risk	0	Blocking	0	Alerting	0
Medium Risk	0	Alerting	0	Blocking	0
Low Risk	0	Alerting	0	Blocking	0

Threat Alerts

Discovered Services

eDiscovery

SIEM

Firewall

DLP

IDS/IPS

Risk Assessment

On Premise SOC 1.0

SAP

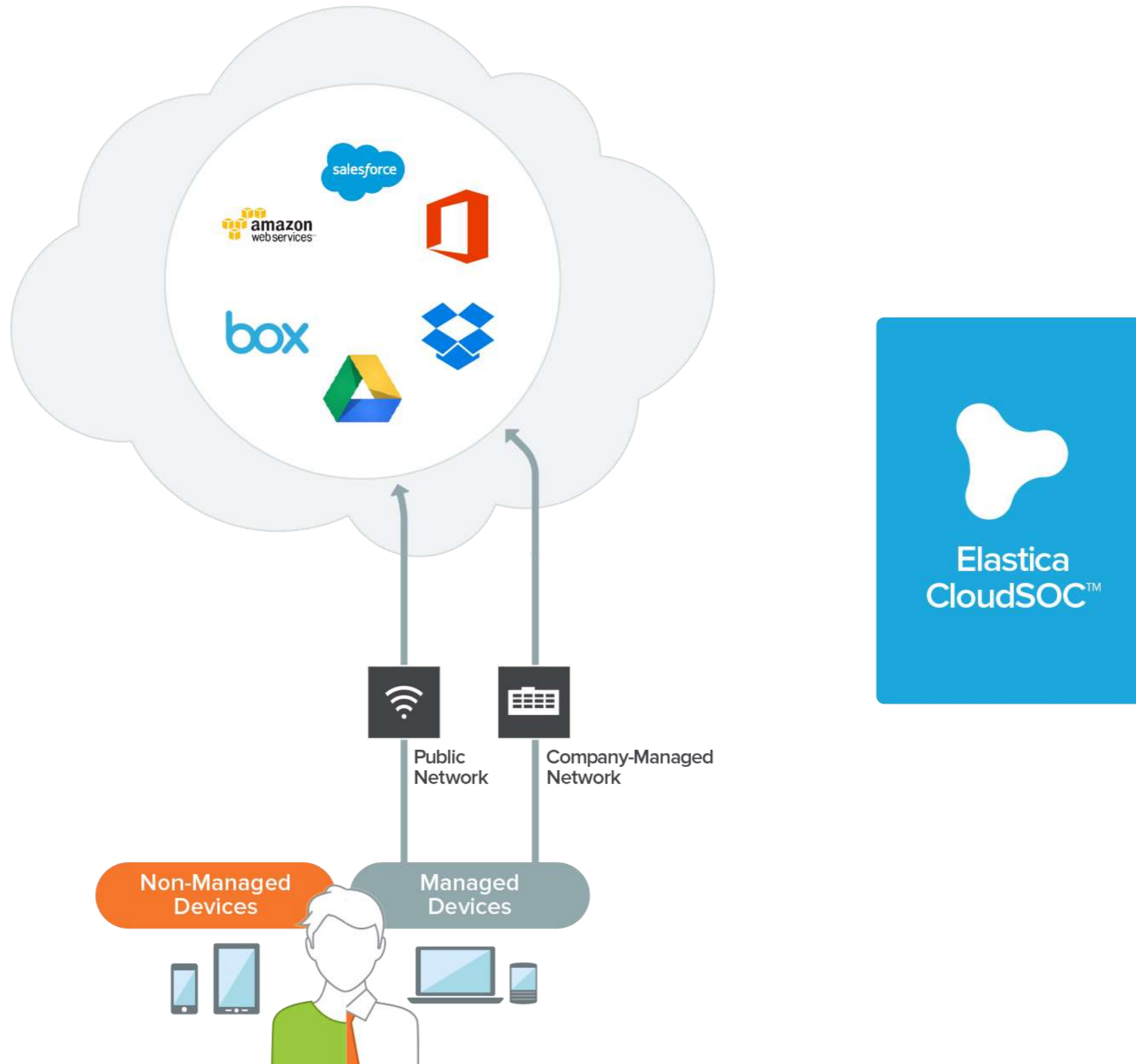
ORACLE

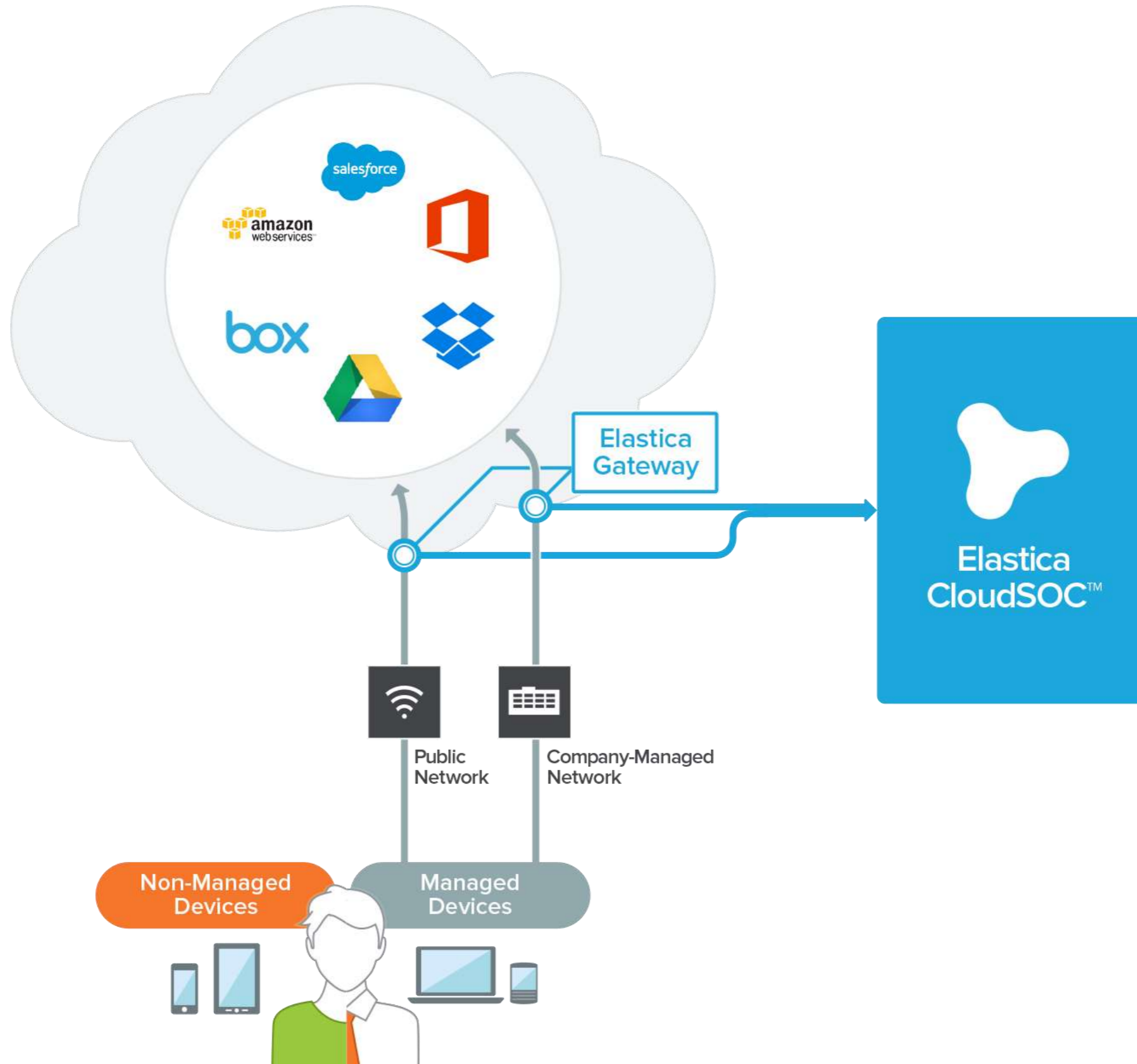
Microsoft SharePoint

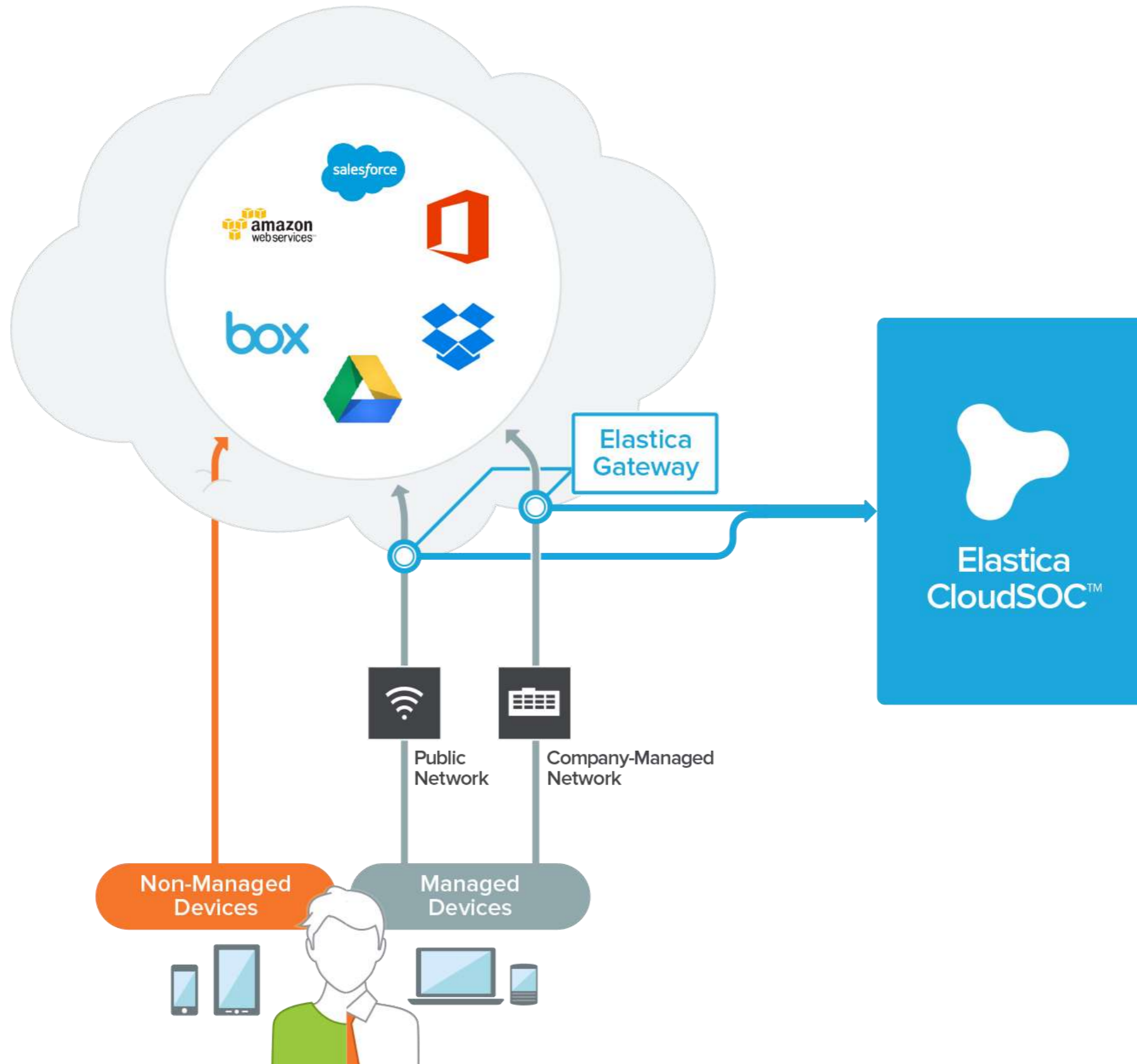
Microsoft Exchange

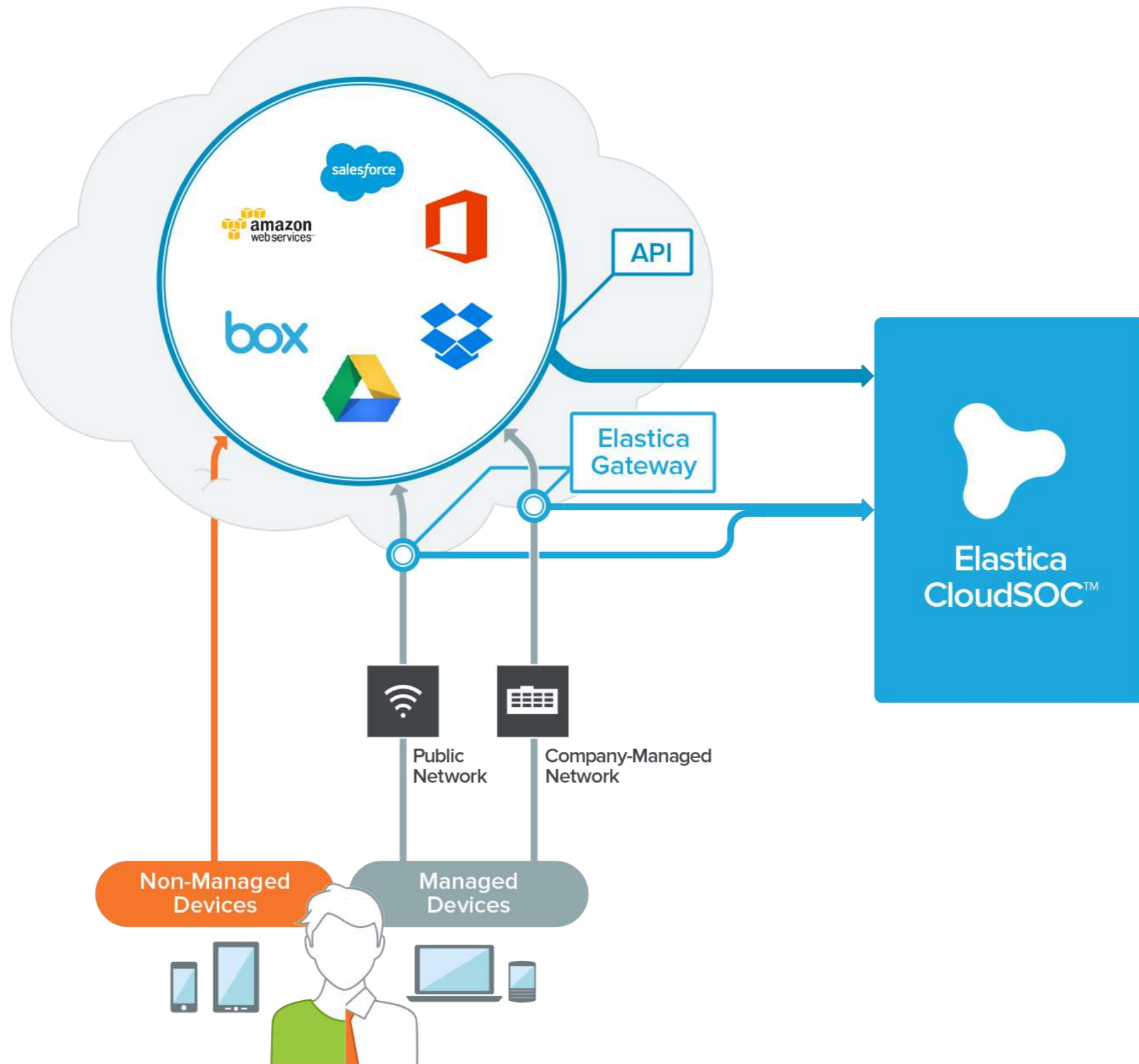


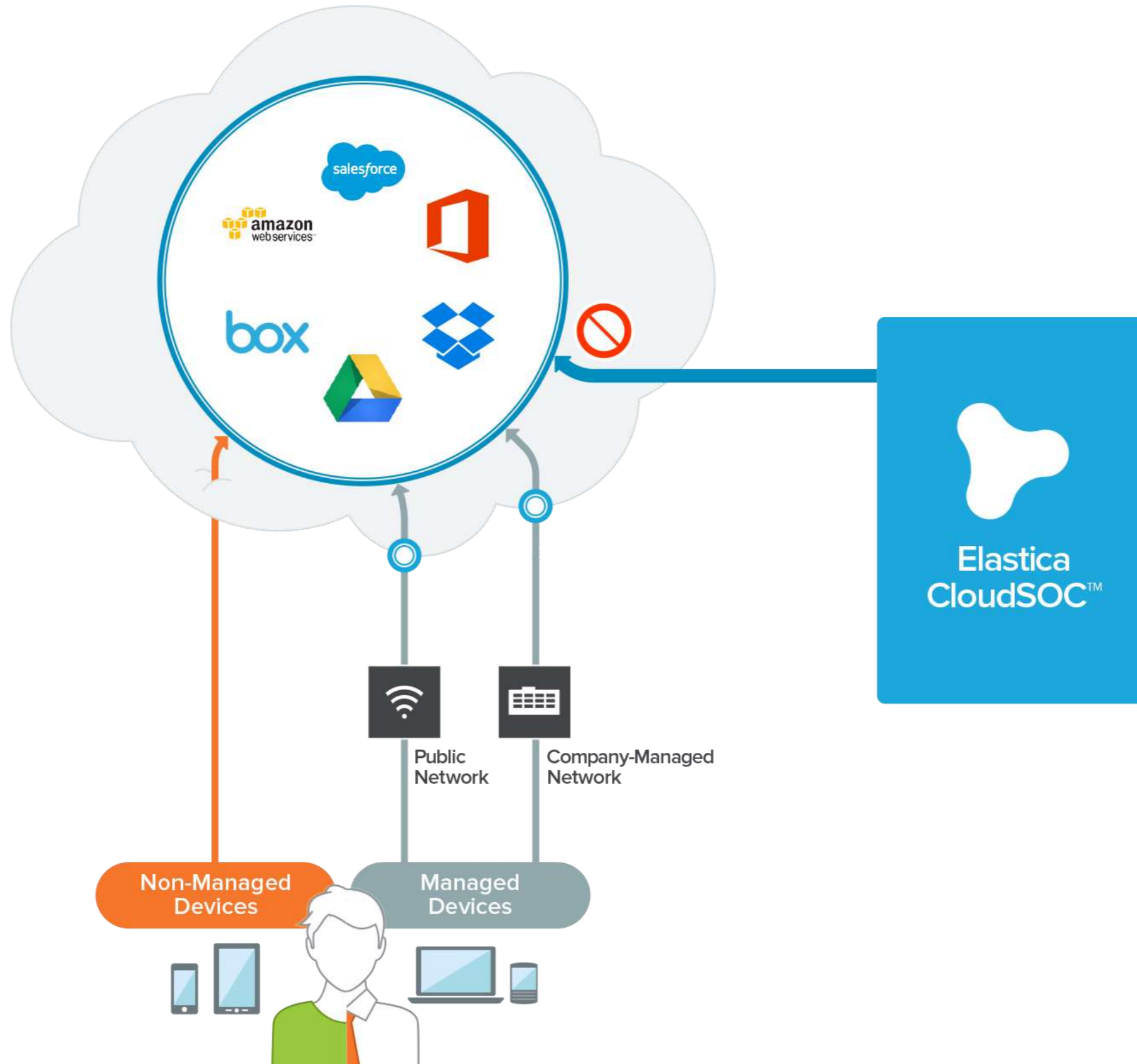


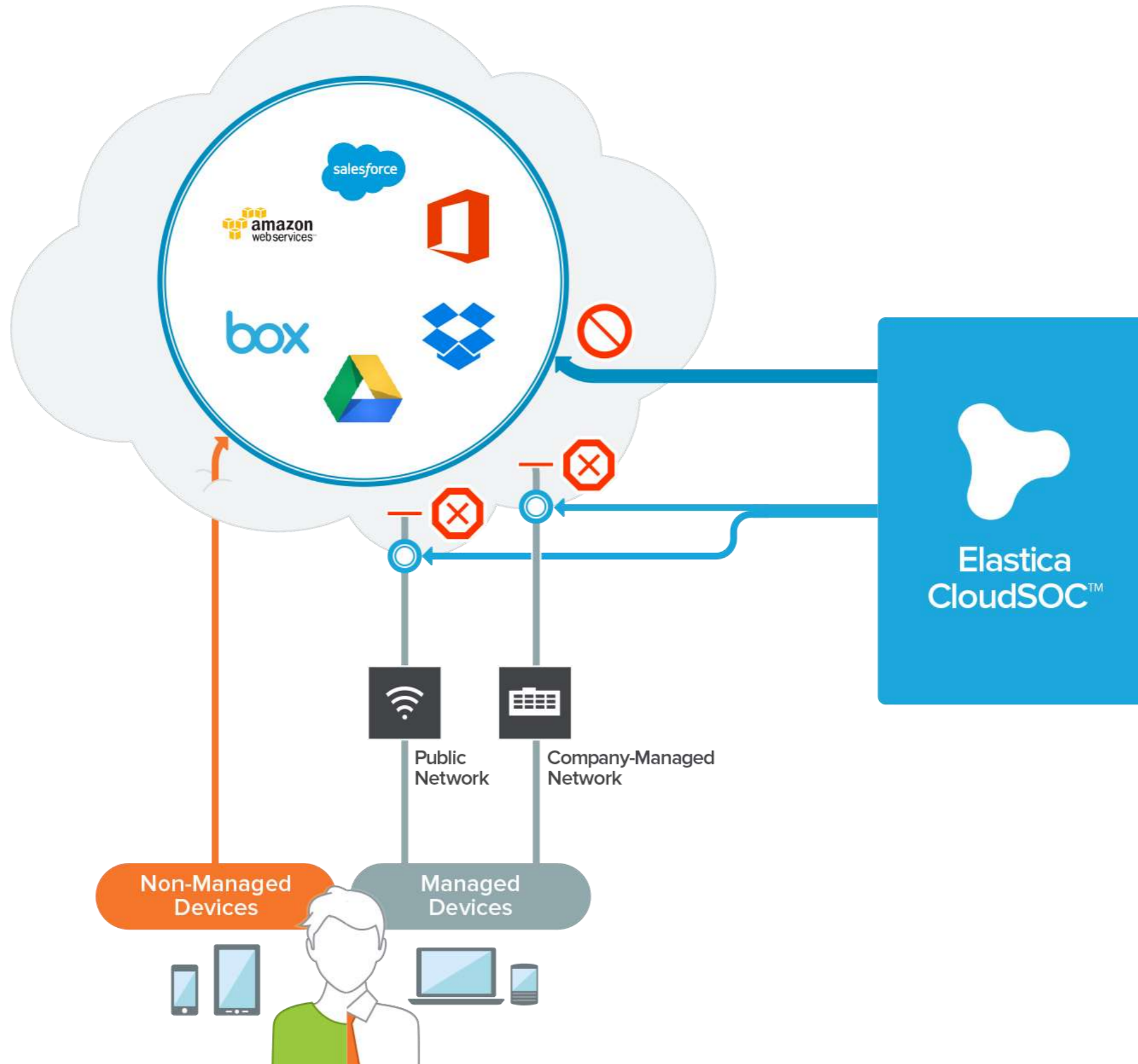














BEFORE

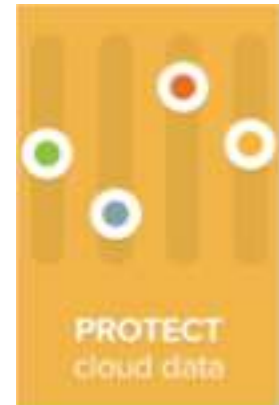


Audit use of Cloud Services

DURING

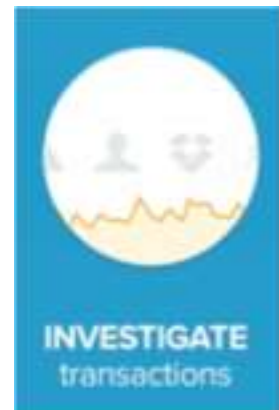


Detect Threatening Activity
&
Risky Data Exposures



Enforce Policies & Controls

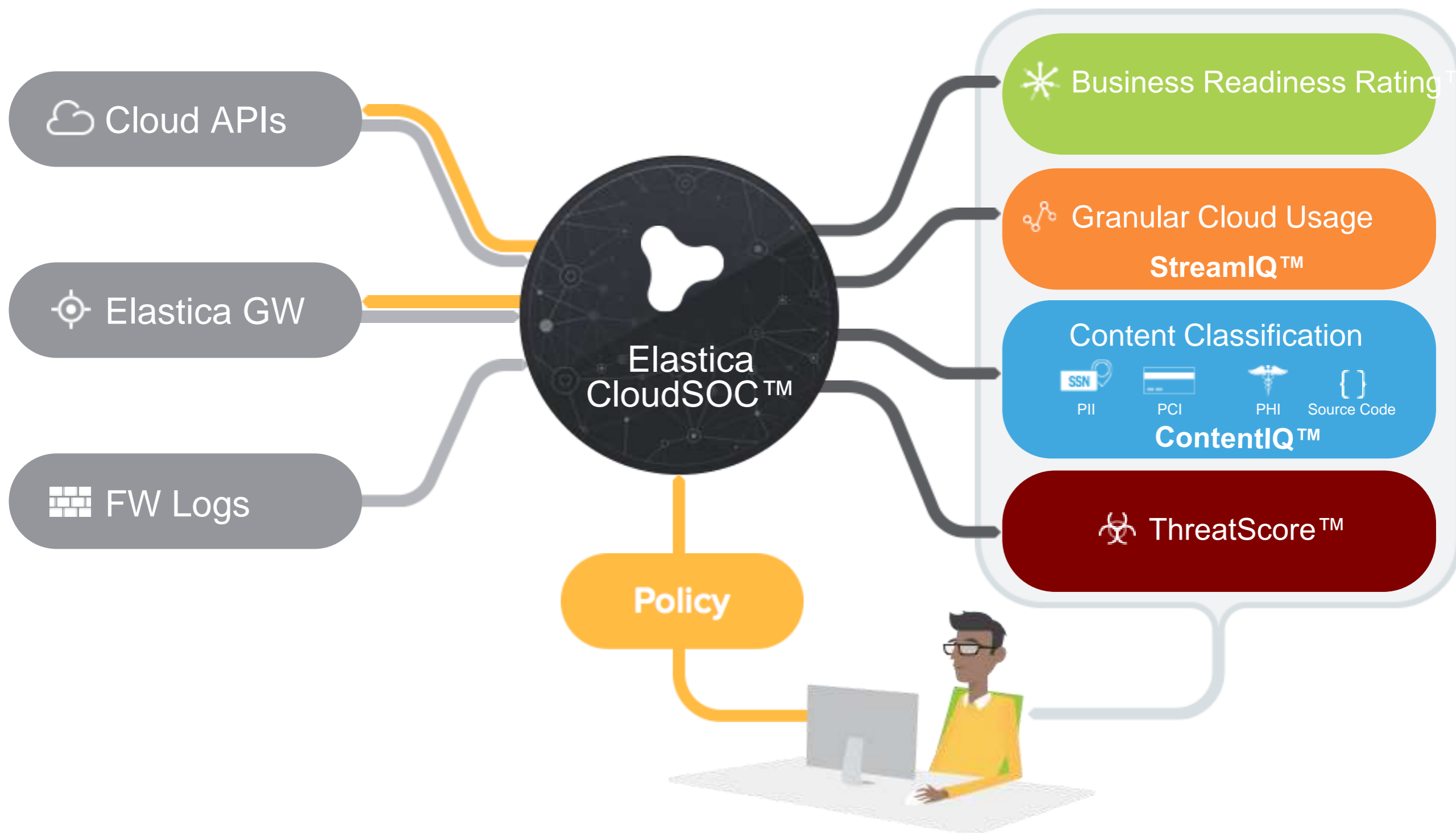
AFTER



Investigate Cloud Activity



Machine Learning. Semantic Analysis. Natural Language Processing. Graph Theory.



AUDIT

Audit Shadow-IT & hundreds of cloud apps and services used by your employees

- Find their Business Readiness Rating™
- Provide your preferences to auto-match your requirements
- Perform side-by-side analysis for similar apps



DETECT

Detect Threats in usage of your cloud apps and services

- Machine learned ThreatScore™ for each account
- Detect malware targeting cloud assets
- Identify malicious users



PROTECT

Protect your assets in cloud by enforcing policies automatically

- Global policies map across multiple cloud services
- ThreatScore™ based simple policies to avoid breaches
- Protect against data loss and lack of compliance



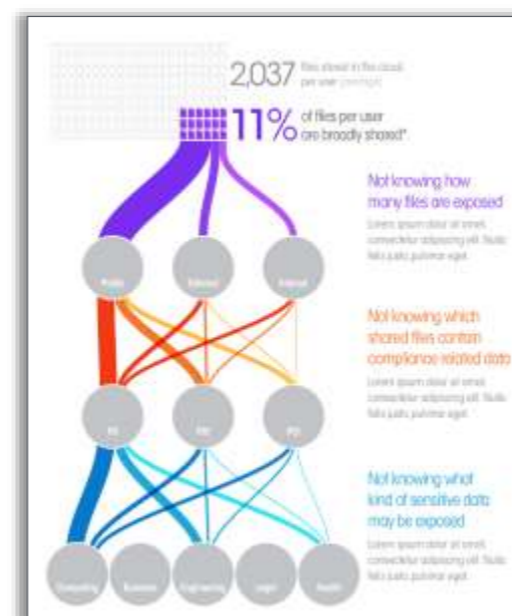
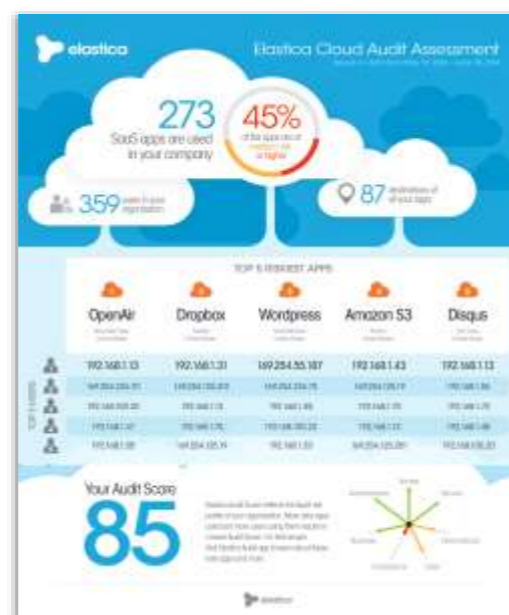
INVESTIGATE

Investigate granular user transactions on cloud apps and services

- Intuitive visualization to help connect dots
- Forensics and Discovery enabled on big data
- Easy for Legal and HR use



Review Elastica's E-Books and Infographics



Thank You!