














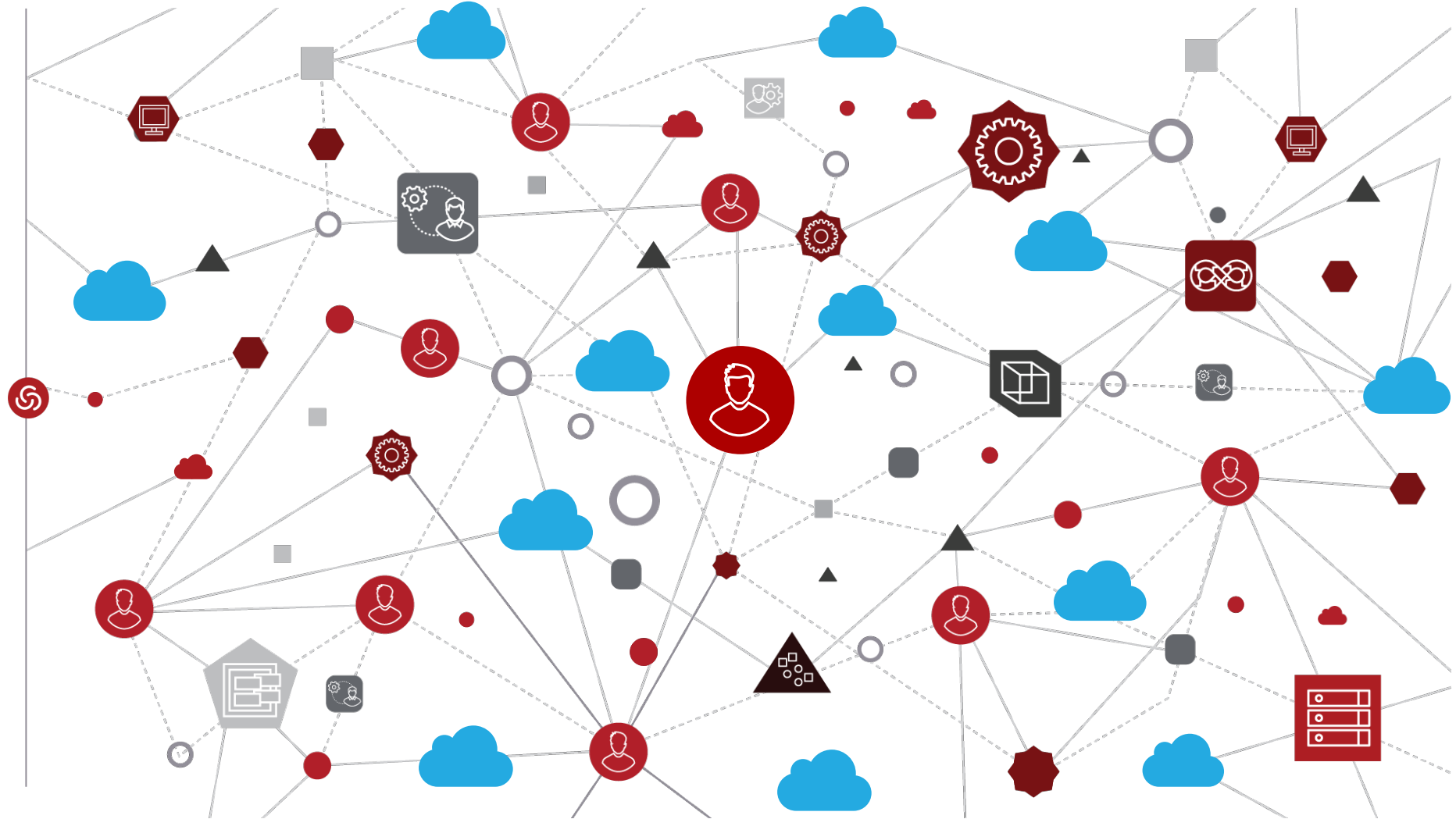


# Centrify Overview

Public Sector

# IT Modernization Leads to Increased Complexity...

-  Cloud
-  On-Premises
-  DevOps
-  Containers
-  Microservices
-  Servers
-  Network Devices
-  Databases
-  Elastic Applications
-  Service Accounts
-  IT Admins
-  Outsourced IT
-  Workstations



# ... and IAM Challenges Across Agencies



## Infrastructure/Compliance

- How do you automate the management of heterogeneous environments?
- How do you ease the regulatory compliance burden?
- How do you enable secure remote access for outsourced IT?
- How do you secure your data lakes?



## Security/Identity

- How do you reduce cyber risk exposure from external threat actors?
- How do you minimize your exposure to ransomware attacks?
- How do you limit your exposure to insider threats?



## Cloud Architecture

- How do you secure access to cloud-based workloads?
- How do you avoid identity repository sprawl when securing access in a hybrid environment?
- How do you assure secure access of admins and outsourced IT to your cloud environments?

# Privileged Identities Have Become Your Achilles Heel

**Secure privileged access to critical assets...**

Be it by human, machine, API, or application.



# Threat Actors Take Advantage, ...

## US SENATE

Phished by Fancy Bear through fake ADFS login sites



## CA DEPARTMENT OF FISH AND WILDLIFE

Former employee accessed PII data and took data outside of the CDFW's secure network



## IDAHO TRANSPORTATION DEPARTMENT

Hack of email server exposed personal information of truckers



## CITY OF BALTIMORE

Ransomware attack that destabilized municipal operations



## DHS OFFICE OF INSPECTOR GENERAL

Data breach exposed PII on more than 240,000 current and former DHS employees



## US DEPARTMENT OF ENERGY

Russian-sponsored cyber activity targeting energy and other critical infrastructure sectors



# ... Resulting in Stricter Compliance Mandates

## FEDERAL



OMB



CDM

## STATE AND LOCAL



HITECH  
Health Information Technology  
for Economic & Clinical Health Act



CJIS



IRS  
Publication 1075

## HIGHER EDUCATION



FERPA  
Family Educational Rights  
and Privacy Act



CIPA



FISMA  
FEDERAL INFORMATION SECURITY MANAGEMENT ACT



NIST  
National Institute of  
Standards and Technology  
U.S. Department of Commerce



PCI Security Standards Council



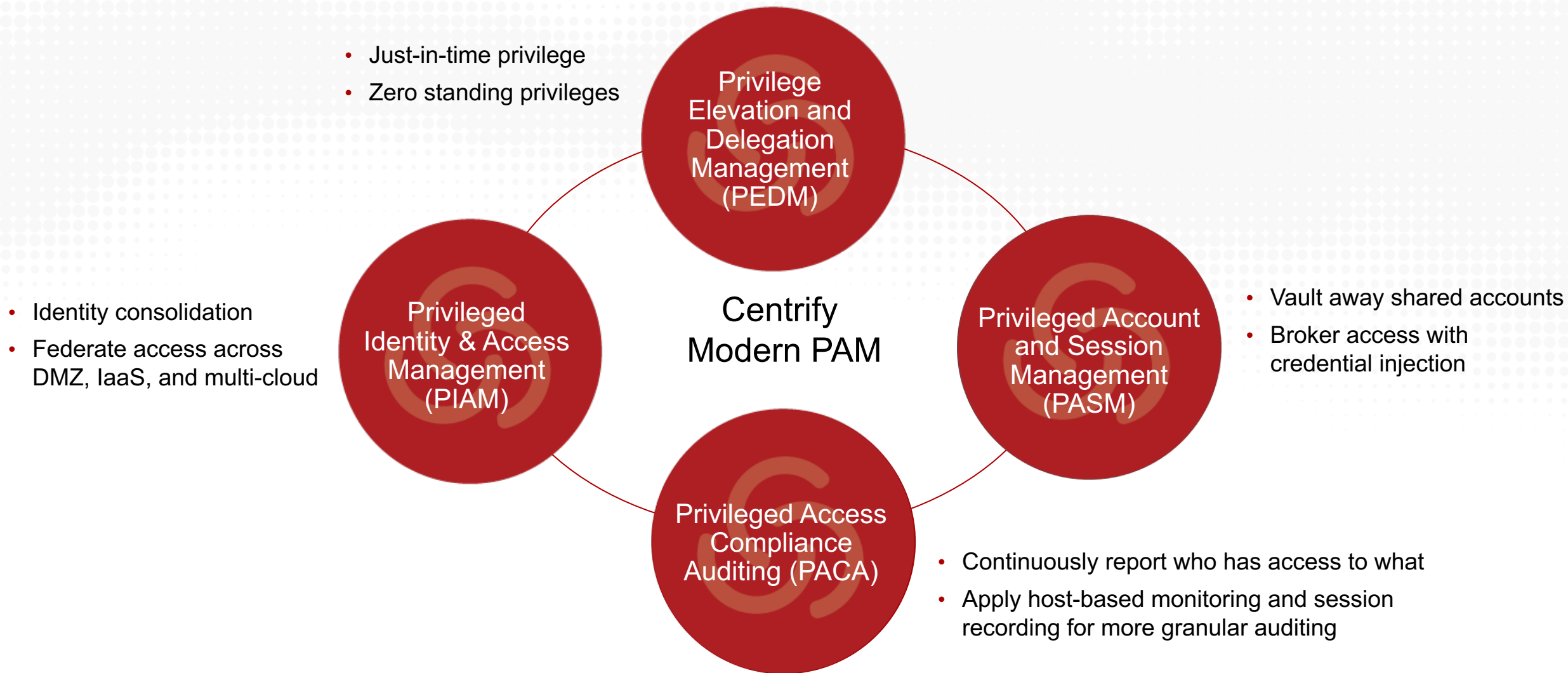
HIPAA  
Health Insurance Portability  
& Accountability Act

# Centrify Mission

Centrify enables government digital transformation at scale, modernizing how agencies secure privileged access across hybrid- and multi-cloud environments by allowing human and machine identities to seamlessly log in and granting least privilege just-in-time, increasing accountability, and reducing administrative access risk.

# Centrify Modern Privileged Access Management

Modernizing How Agencies Secure, Orchestrate, and Analyze Privileged Identities





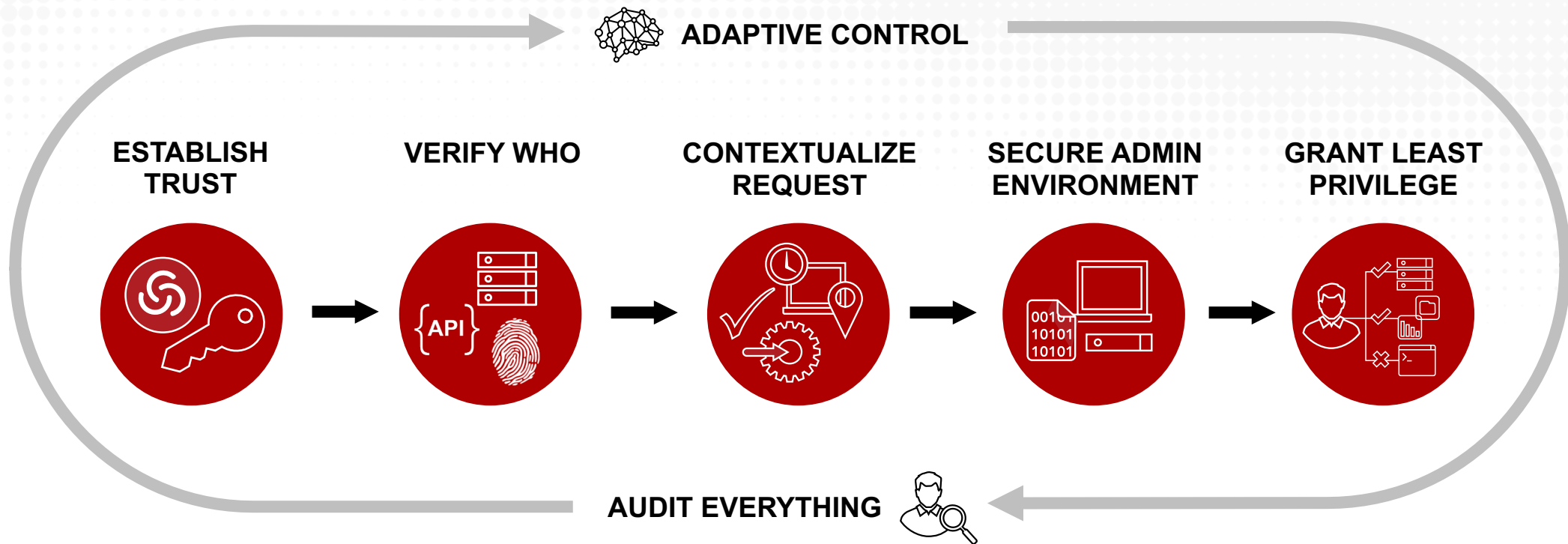
## BEST PRACTICES REVEALED

“Zero Trust is a critical framework for us to be able to have to protect data and operate in the environment.”

Suzette Kent, Federal Chief Information Officer

# Centrify Modern PAM Enforces Zero Trust Principles: “Never Trust, Always Verify, Enforce Least Privilege”

Redefining Legacy PAM

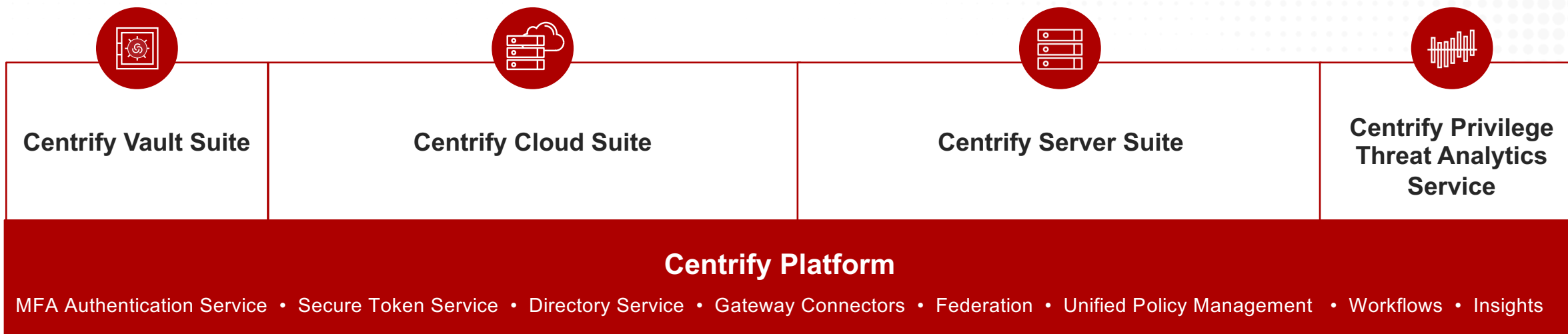


## BEST PRACTICES REVEALED

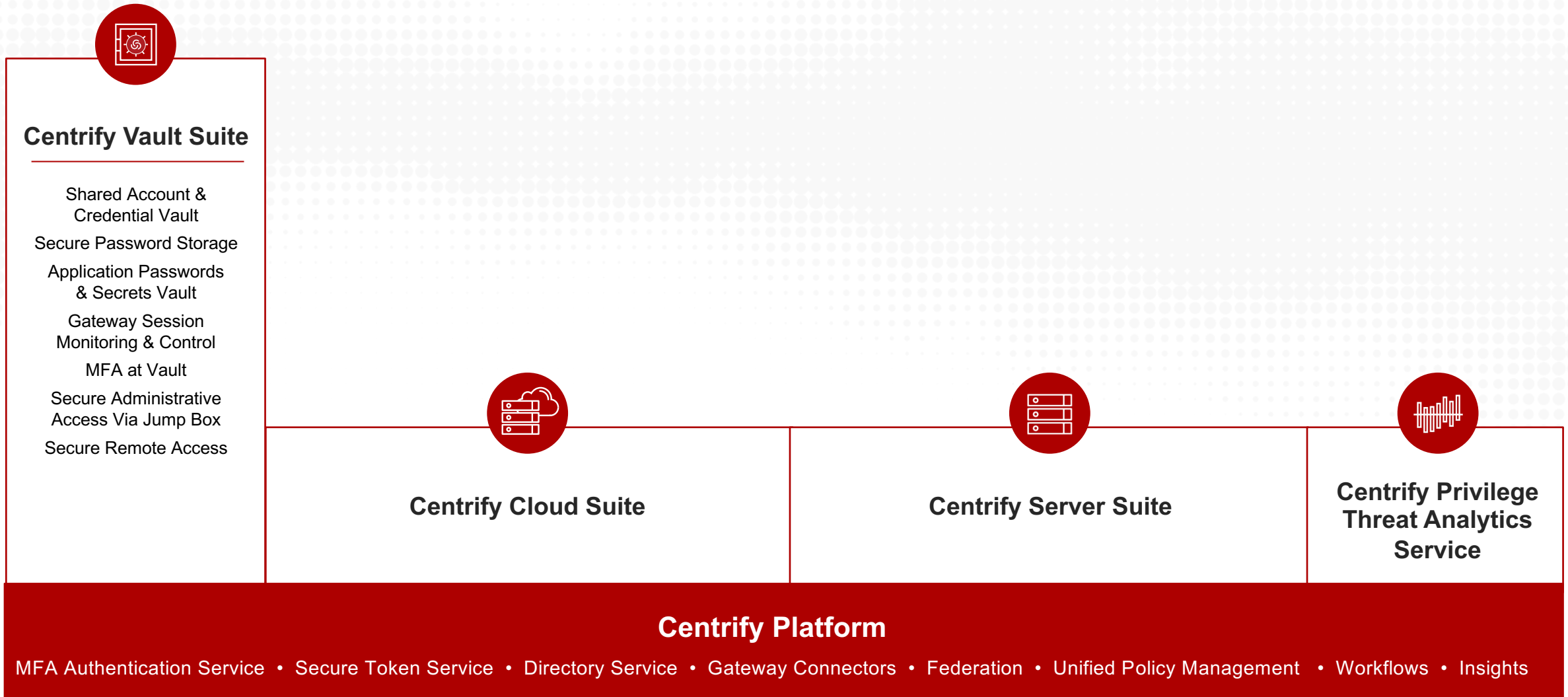
“Zero Trust requires agencies to have accurate, thorough, timely, and robust identity and access management information.”

Steven Hernandez, Chief Information Security Officer, U.S. Department of Education

# Centrify's Modern PAM Platform



# Centrify's Modern PAM Platform



# Centrify's Modern PAM Platform



## Centrify Cloud Suite

### Centrify Cloud Authentication Service

Multi-Directory Brokering  
Machine Identity, Delegated  
Machine Credentials &  
Credential Management  
MFA at System Login

### Centrify Audit and Monitoring Service

Session Recording  
& Auditing  
Gateway-Based Session  
Monitoring & Control  
Host-based Advanced  
Monitoring

### Centrify Cloud Privilege Elevation Service

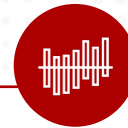
Privilege Elevation  
Just-In-Time PAM  
MFA at Privilege Elevation



## Centrify Vault Suite



## Centrify Server Suite

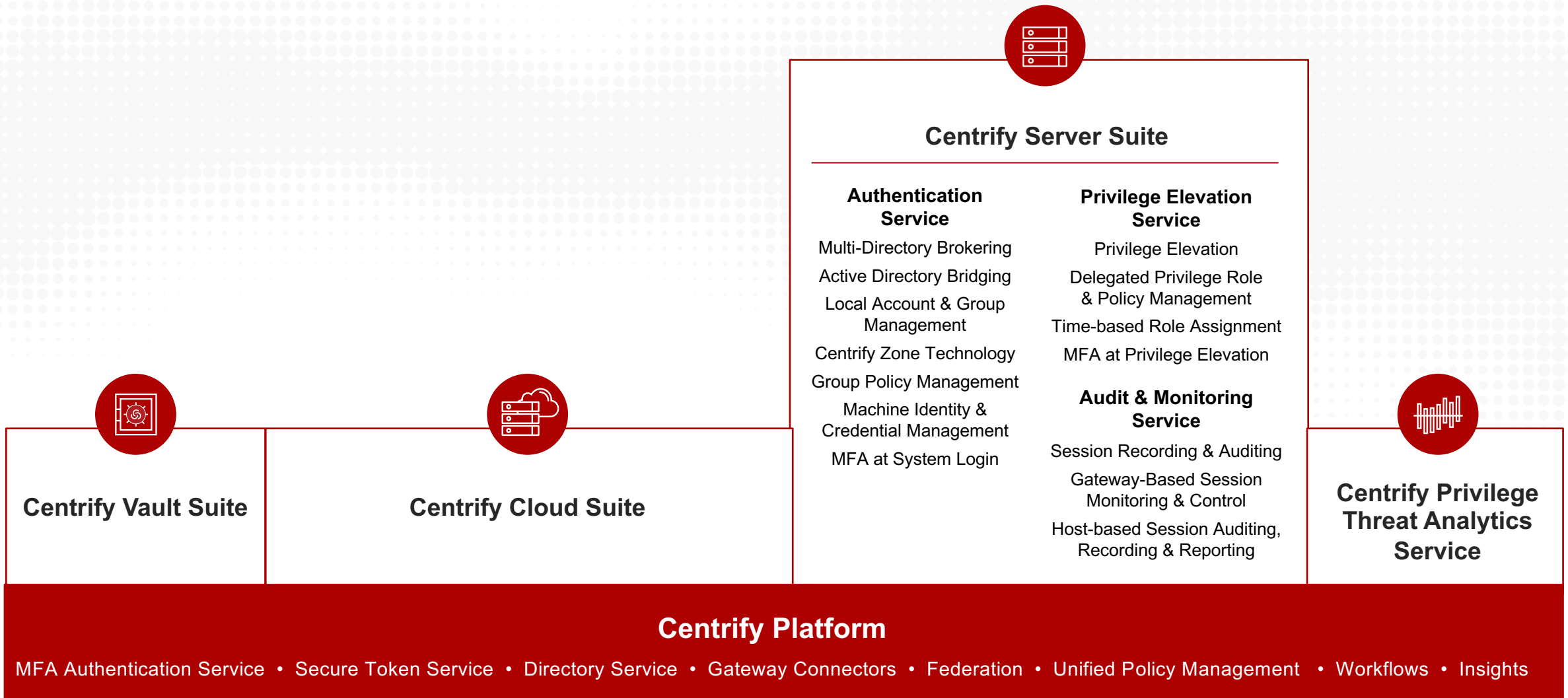


## Centrify Privilege Threat Analytics Service

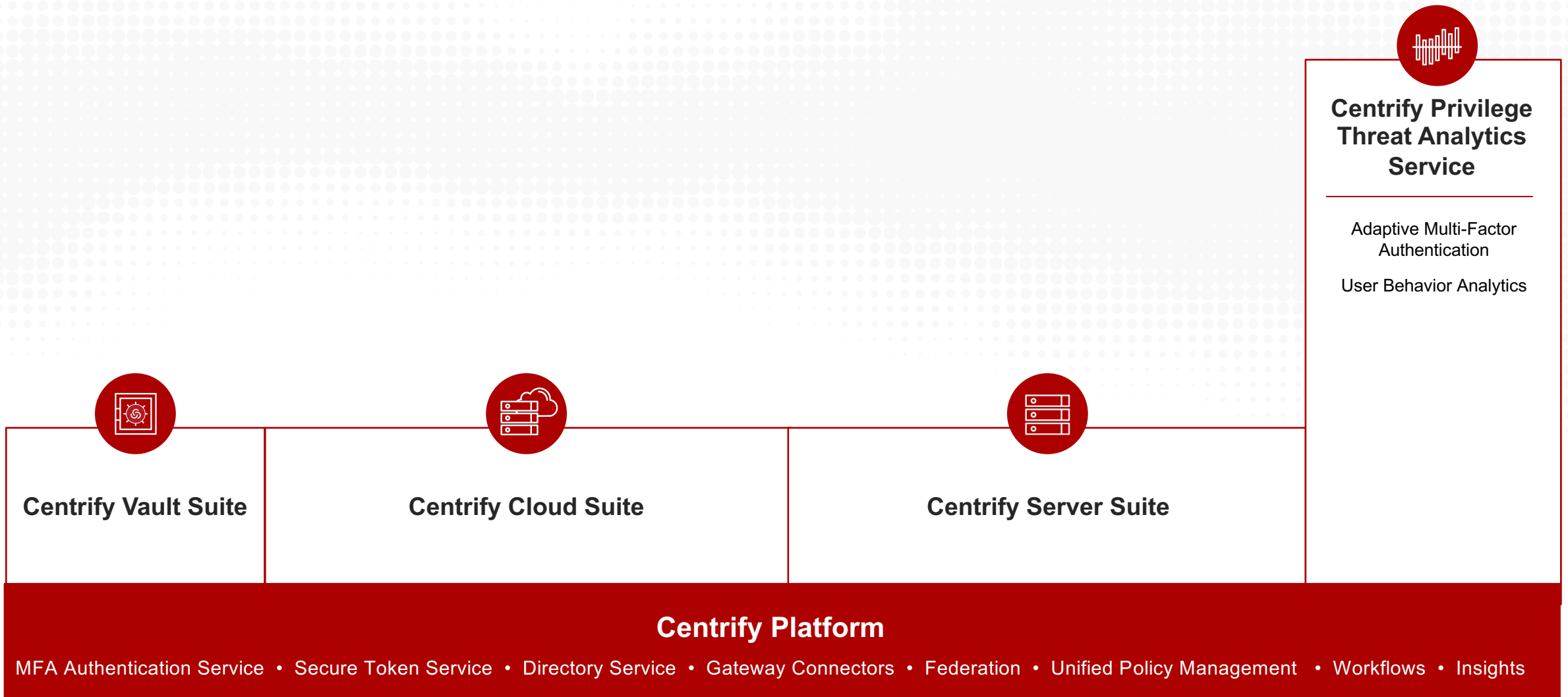
## Centrify Platform

MFA Authentication Service • Secure Token Service • Directory Service • Gateway Connectors • Federation • Unified Policy Management • Workflows • Insights

# Centrify's Modern PAM Platform



# Centrify's Modern PAM Platform





# Centrify's Modern PAM Platform



## Centrify Vault Suite

- Shared Account & Credential Vault
- Secure Password Storage
- Application Passwords & Secrets Vault
- Gateway Session Monitoring & Control
- MFA at Vault
- Secure Administrative Access Via Jump Box
- Secure Remote Access



## Centrify Cloud Suite

### Centrify Cloud Authentication Service

- Multi-Directory Brokering
- Machine Identity, Delegated Machine Credentials & Credential Management
- MFA at System Login

### Centrify Cloud Privilege Elevation Service

- Privilege Elevation
- Just-In-Time PAM
- MFA at Privilege Elevation

### Centrify Audit and Monitoring Service

- Session Recording & Auditing
- Gateway-Based Session Monitoring & Control
- Host-based Advanced Monitoring



## Centrify Server Suite

### Authentication Service

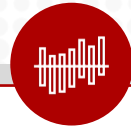
- Multi-Directory Brokering
- Active Directory Bridging
- Local Account & Group Management
- Centrify Zone Technology
- Group Policy Management
- Machine Identity & Credential Management
- MFA at System Login

### Privilege Elevation Service

- Privilege Elevation
- Delegated Privilege Role & Policy Management
- Time-based Role Assignment
- MFA at Privilege Elevation

### Audit & Monitoring Service

- Session Recording & Auditing
- Gateway-Based Session Monitoring & Control
- Host-based Session Auditing, Recording & Reporting



## Centrify Privilege Threat Analytics Service

- Adaptive Multi-Factor Authentication
- User Behavior Analytics

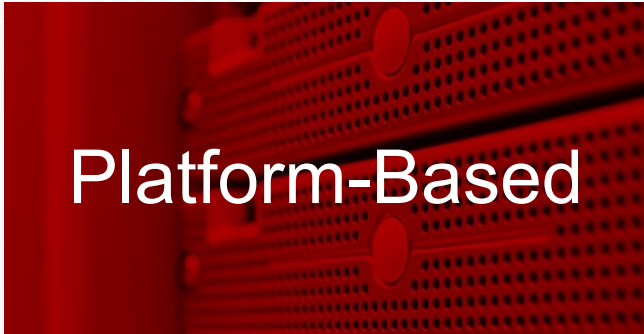
## Centrify Platform

MFA Authentication Service • Secure Token Service • Directory Service • Gateway Connectors • Federation • Unified Policy Management • Workflows • Insights

Professional Services | Training

# What Sets Our Architecture Apart from Other Vendors?

Lower Total Cost of Ownership and Strengthen Your Cyber Risk Posture



- Modular to Match your Needs
- Fully Integrated
- Reusability for Extended Use Cases
- Supports PAM Tools Consolidation

Centrify Platform

- Vaulting Shared Accounts
- Vaulting Secrets
- Authentication (log into system)
- Session Management
- JIT-PAM
- Audit & Monitoring
- Session Recording (agent or agentless)
- Secure Remote Access
- Adaptive MFA
- Privilege Elevation
- ISTM Integration
- SIEM Integration
- IDP Integration
- IGA Integration

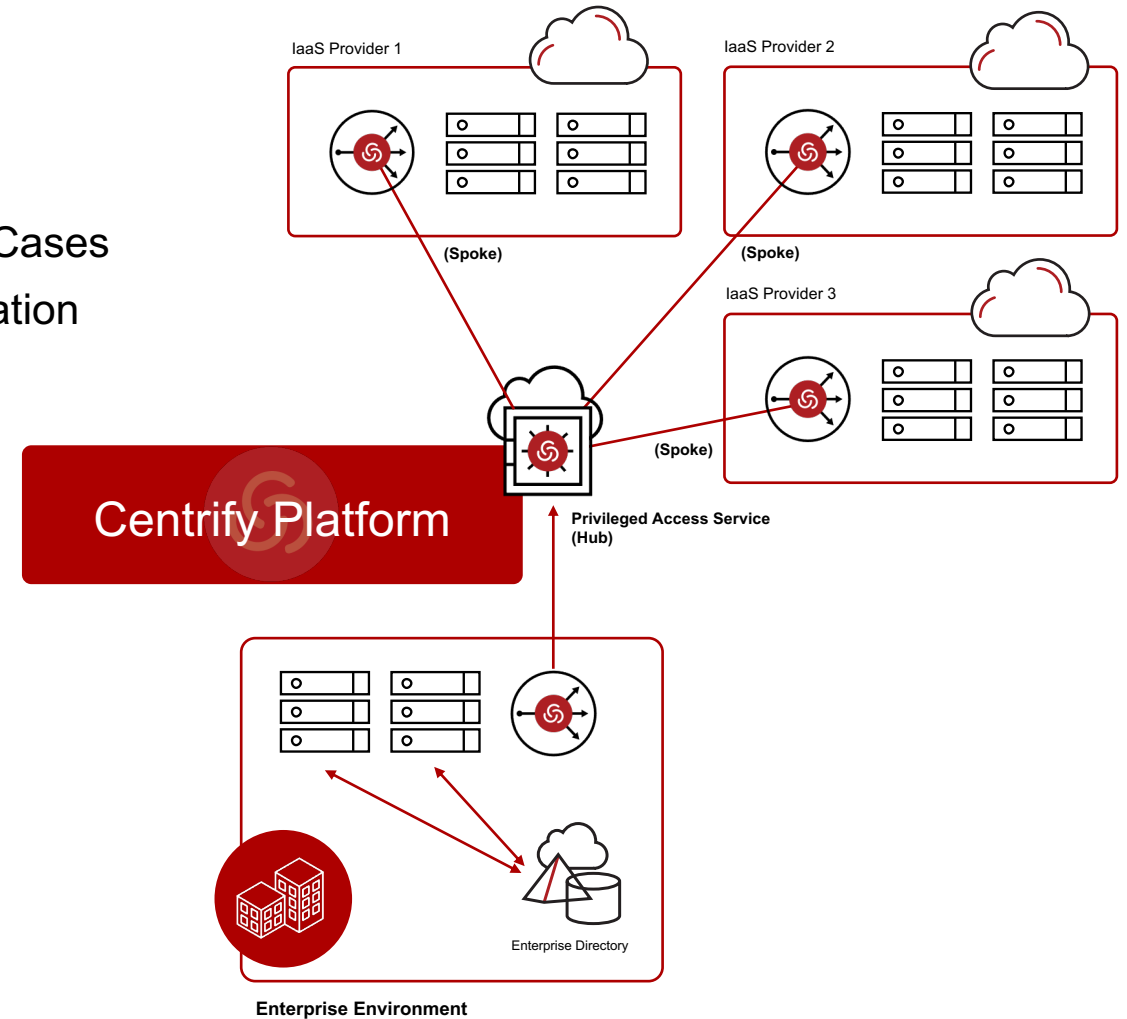
# What Sets Our Architecture Apart from Other Vendors?

Lower Total Cost of Ownership and Strengthen Your Cyber Risk Posture

Platform-Based

Multi-Cloud  
Architected

- Modular to Match your Needs
- Fully Integrated
- Reusability for Extended Use Cases
- Supports PAM Tools Consolidation
- Hyper-Scalable
- Flexible Deployment (on-premises, private cloud, FedRAMP Authorized SaaS)
- Hub-and-Spoke



# What Sets Our Architecture Apart from Other Vendors?

Lower Total Cost of Ownership and Strengthen Your Cyber Risk Posture

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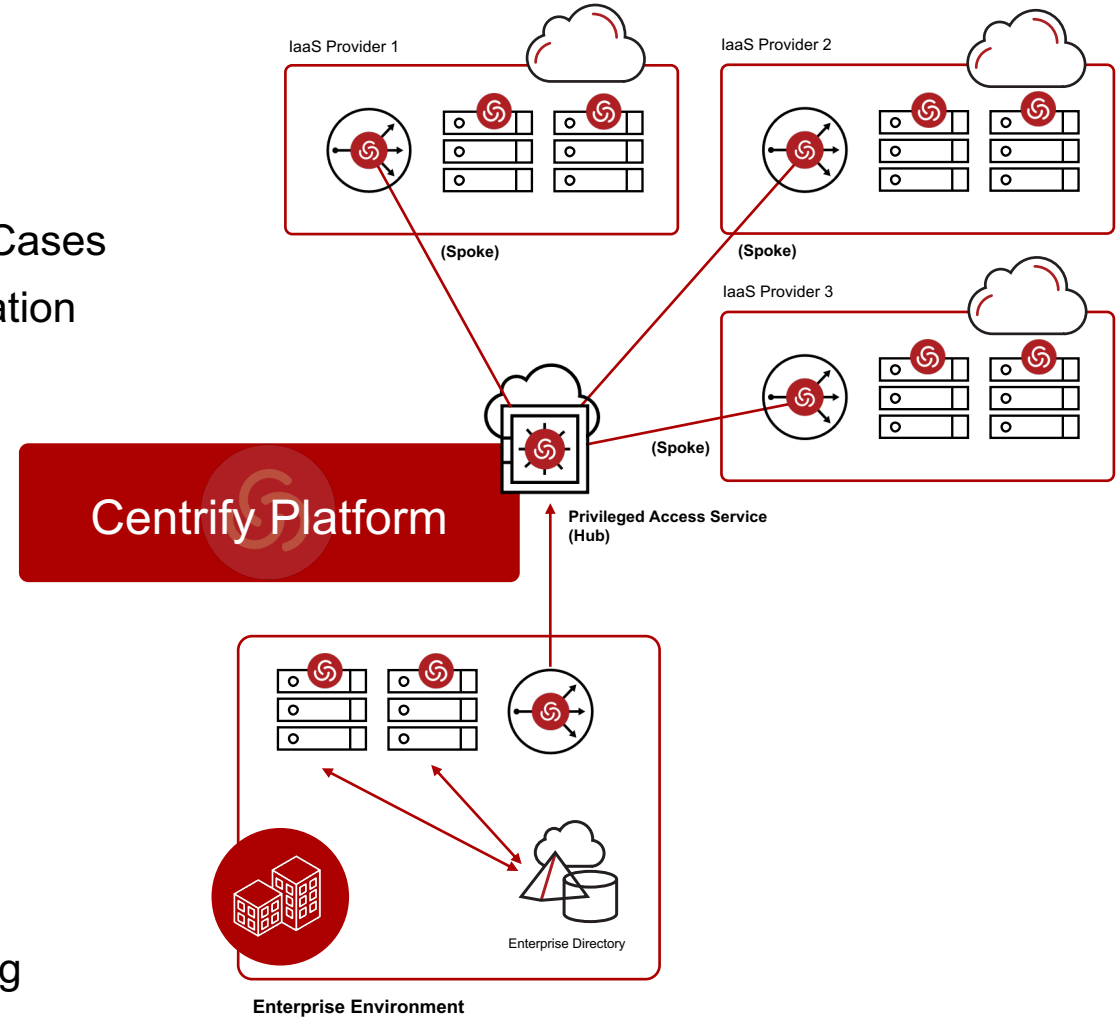
Multi-Cloud  
Architected

Client-Based

- Modular to Match your Needs
- Fully Integrated
- Reusability for Extended Use Cases
- Supports PAM Tools Consolidation

- Hyper-Scalable
- Flexible Deployment (on-premises, private cloud, FedRAMP Authorized SaaS)
- Hub-and-Spoke

- Root of Trust
- Granular, Host-Based Access Controls
- Host-Based Session Monitoring and Termination



# Don't Take Our Word For It

Independent Analyst and Customer Insights



A LEADER IN THE 2020  
GARTNER MAGIC QUADRANT FOR PAM



A LEADER IN THE 2020  
FORRESTER WAVE: PIM, Q4 2020



A LEADER IN THE 2019  
KUPPINGERCOLE LEADERSHIP  
COMPASS: PAM



Gartner  
peerinsights™



Overall Score  
4.6 out of 5.0

*“Overall, we are very satisfied with Centrifly. The company has consistently delivered innovative products with great customer support.”*

Security and Risk Management Executive in  
Financial Services



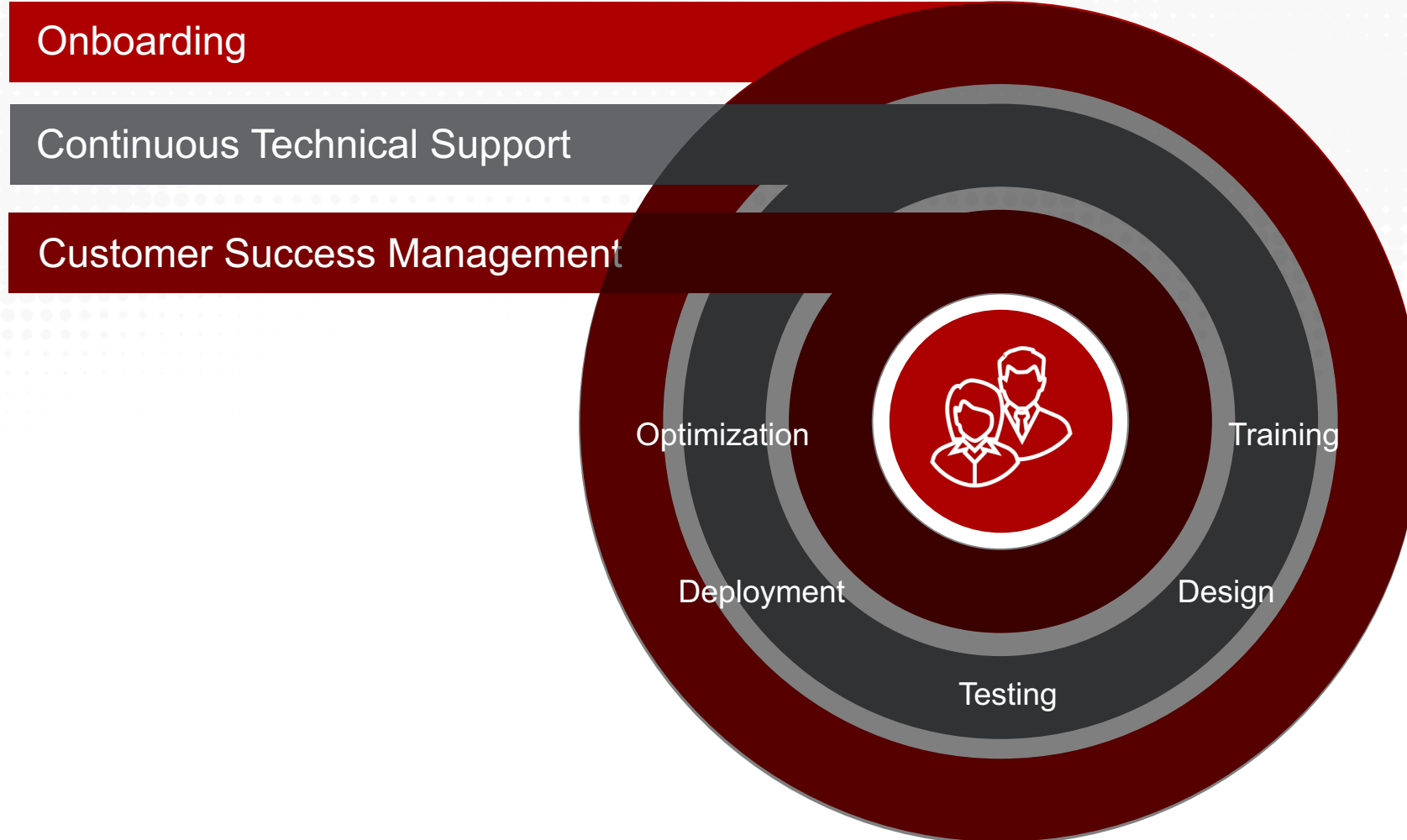
Overall Score  
4.5 out of 5.0

*“Centrifly has saved many man hours for our sysadmin staff. Centrifly also allows us to use Group Policies and manage Linux systems just like we do with Windows. Truly great product.”*

IT Manager at Government Agency

# Assuring Customer Success

Not Just Innovative Products...People, Processes, and Partners



Government System Integrators

**Raytheon**

**NORTHROP GRUMMAN**

**GENERAL DYNAMICS**

VARs and Distribution

carahsoft. **CDWG**

ClearShark **NETSYNC**

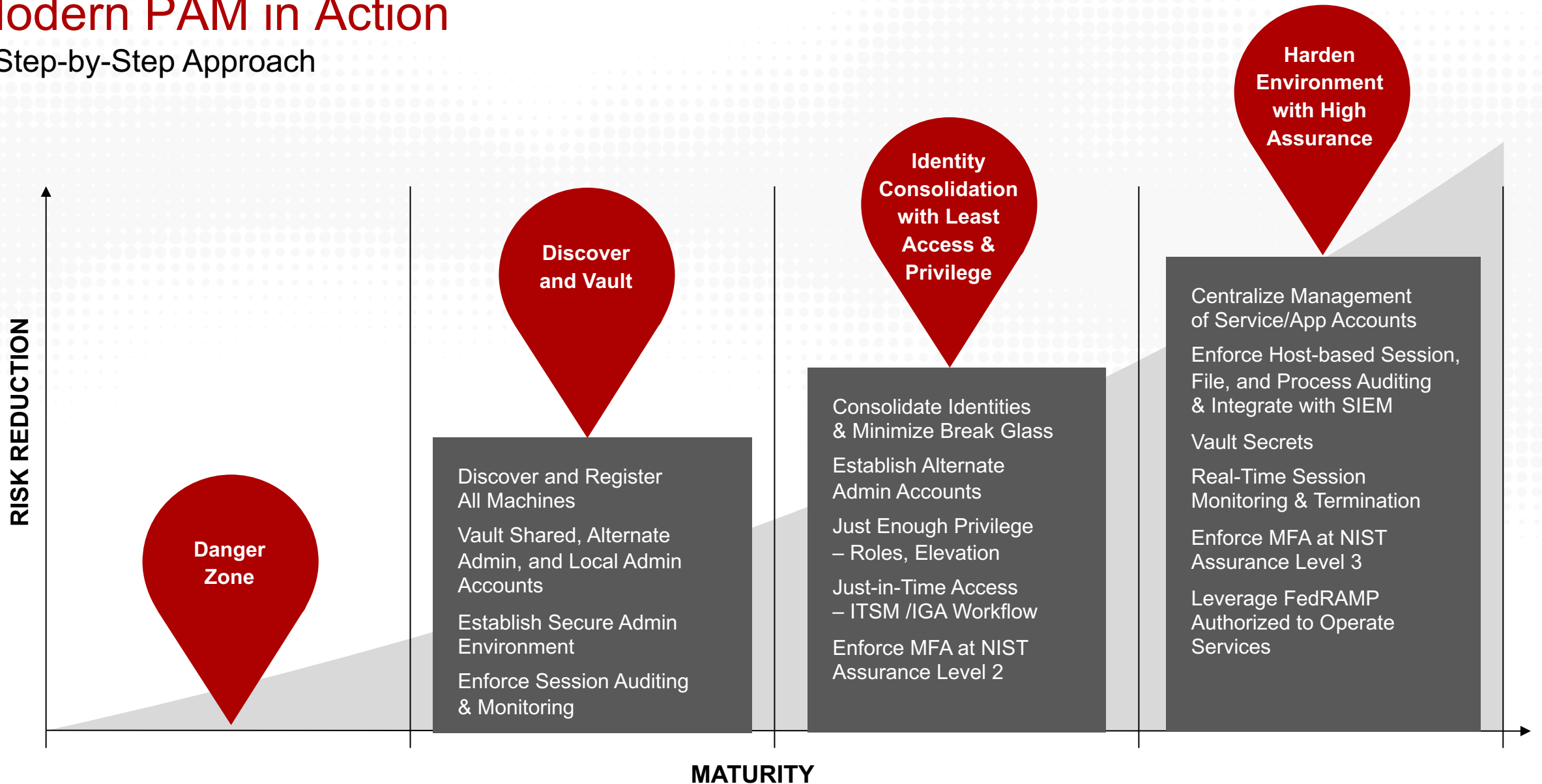
**SCD** INFORMATION TECHNOLOGY

**NORSEMAN** TRUSTED PARTNER - PROVEN SOLUTIONS  
DEFENSE TECHNOLOGIES  
WWW.NORSEMAN.COM

**immixGroup**

# Modern PAM in Action

## A Step-by-Step Approach



# Not Just Secure, But Also Compliant

	Common	Federal	State & Local	Education			
<b>FISMA</b>	<b>NIST 800</b>	<b>PCI DSS</b>	<b>HSPD-12</b>	<b>ICAM</b>	<b>CIS</b>	<b>CJIS</b>	<b>FERPA</b>
Access Control	AC-3 Authorized Access	Requirement 1	Paragraph 3	Access Control	CSC 1	Policy Area 4	Authentication of Records Requester
Audit & Accountability	AC-5 Separation of Duties	Requirement 2	<b>OMB</b>	Audit & Accountability	CSC 3	Policy Area 5	Limiting Access
Configuration Management	AC-6 Least Privilege	Requirement 4	OMB M-04-04	Configuration Management	CSC 5	Policy Area 6	Control Over Outsourcing Partners
Identification & Authentication	Audit & Accountability	Requirement 7	OMB M-11-11	Identification & Authentication	CSC 6	Policy Area 7	Adherence to NIST 800 and OMB
<b>HIPAA</b>	Secure Assessment & Authorization	Requirement 8	<b>CDM</b>	<b>HITECH</b>	CSC 11	Policy Area 13	<b>CIPA</b>
Tech Safeguards § 164.312	Identification & Authorization	Requirement 10	Continuous User Monitoring	Subtitle D: Privacy Part 1	CSC 12	<b>Pub 1075</b>	
	Incident Response			Subtitle D: Privacy Part 2	CSC 13	Appropriate Mgmt. of Access Control	
					CSC 14	Adherence to NIST 800-53	
					CSC 16		



# Empowering the Public Sector

## FEDERAL



## STATE AND LOCAL



## HIGHER EDUCATION



# Solutions You Can Trust



**MARS-E**



JITC

NIACAP

RMF  
(replaces DIACAP)

SOC2

Thank You.  Centrify®

# We Are Foundational to a Modern, Identity-Centric Enterprise

## Protecting Your Investment in Existing Technology

