



# **The 7 Tenets of Successful Identity Governance**

Tim Dickinson, Sr Manager Customer Success

# Agenda

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Who is Tim and why is he here?

Cybersecurity and Identity Governance

The 7 Tenets of successful Identity Governance

Q&A

# Who is Tim and why is he here?

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20 years working in customer-facing Technical Support and Customer Success for telecom, networking, business software, satellite communications, and cybersecurity

Nortel, CA Technologies, and SailPoint across North America, Europe, Asia, and Australia

6 years in network and identity security

Cybersecurity is a large and growing area of IT, and Identity Governance is a discipline of cybersecurity





**COMPANIES  
HAVE DATA  
THEY WANT TO  
PROTECT**

# The threat landscape has changed

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# The threat landscape has changed

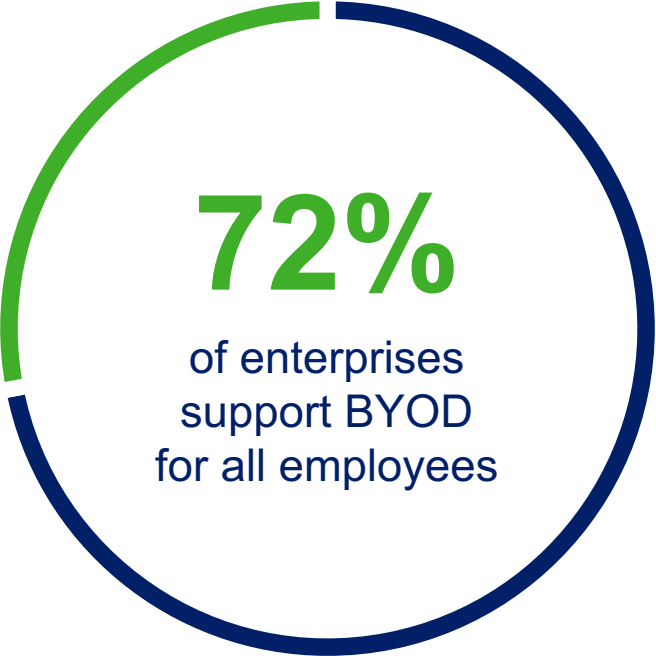
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Source: Verizon Data Breach Report, 2018

# The way we work has also changed

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# The way we work has also changed

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**72%**

of enterprises  
support BYOD  
for all employees



**\$141B**

estimated spend  
on cloud services  
in 2019



# The way we work has also changed

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72%

of enterprises support BYOD for all employees

The infographic consists of three circular elements. Each element has a dark blue outer ring and a green inner ring. The first circle on the left has a green segment on its top-left and bottom-left sides, representing 72%. The second circle in the middle is a solid dark blue ring. The third circle on the right has a green segment on its top-right and bottom-right sides, representing 80%.

of enterprises support BYOD for all employees

\$141B

estimated spend on cloud services in 2019

80%

of corporate data is unstructured

Sources: Bitglass, International Data Corporation, Gartner

# Your disappearing perimeter

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IT STAFF



EMPLOYEES



HR Systems



Directory



Mainframe



SaaS & Cloud



Infrastructure



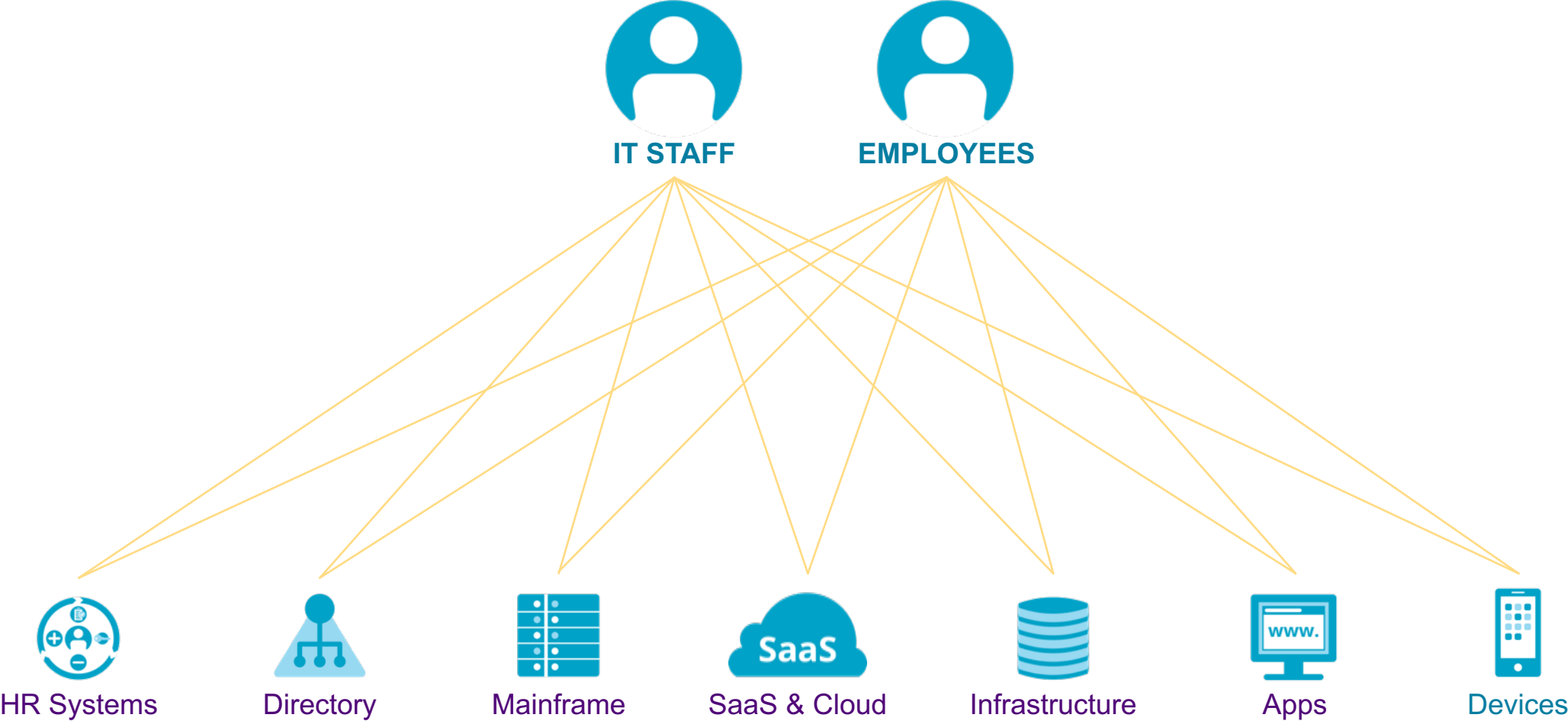
Apps



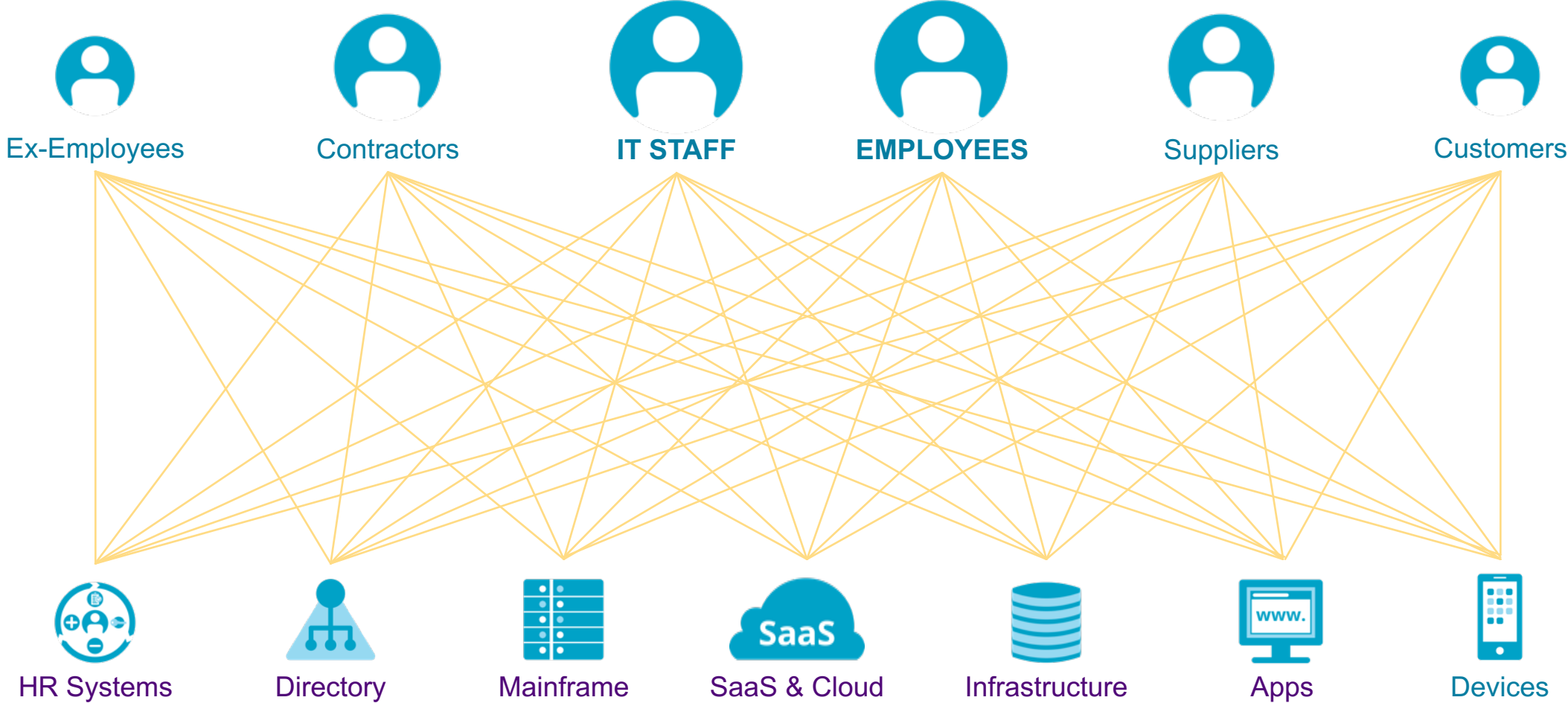
Devices

# Your disappearing perimeter

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# Your disappearing perimeter



# How do we make access secure?

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**Who has  
access?**

---

**INVENTORY  
& COMPLIANCE**

 **RIGHT PEOPLE**

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**Who should  
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**POLICY  
& AUTOMATION**

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# How do we make access secure?

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**Who has  
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**INVENTORY  
& COMPLIANCE**

 **RIGHT PEOPLE**

**Who should  
have access?**

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**POLICY  
& AUTOMATION**

 **RIGHT DATA**

**Who did  
have access?**

---

**ACTIVITY  
& AUDIT**

 **RIGHT ACCESS**

# What is Identity and Access Management?

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The right **individuals** can access the right **resources** at the right **times** for the right **reasons**.

- Create, delete, and manage identities
- User access (log on)
- Federation (Single Sign-On)
- Services that depend on identity entitlements



# What is Identity Governance?

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IAM with better **visibility** to identities and access privileges and better **controls** to detect and prevent inappropriate access. Driven by the requirements of new regulatory mandates such as:

- Sarbanes-Oxley Act (SOX) and C-SOX
- Health Insurance Portability and Accountability Act (HIPAA)
- General Data Protection Regulation (GDPR)
- Personal Information Protection and Electronic Documents Act (PIPEDA)

# Areas of Identity Governance



# Identity Governance growth

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Source: Orbis Research, 2017

# Key tenets of successful Identity Governance

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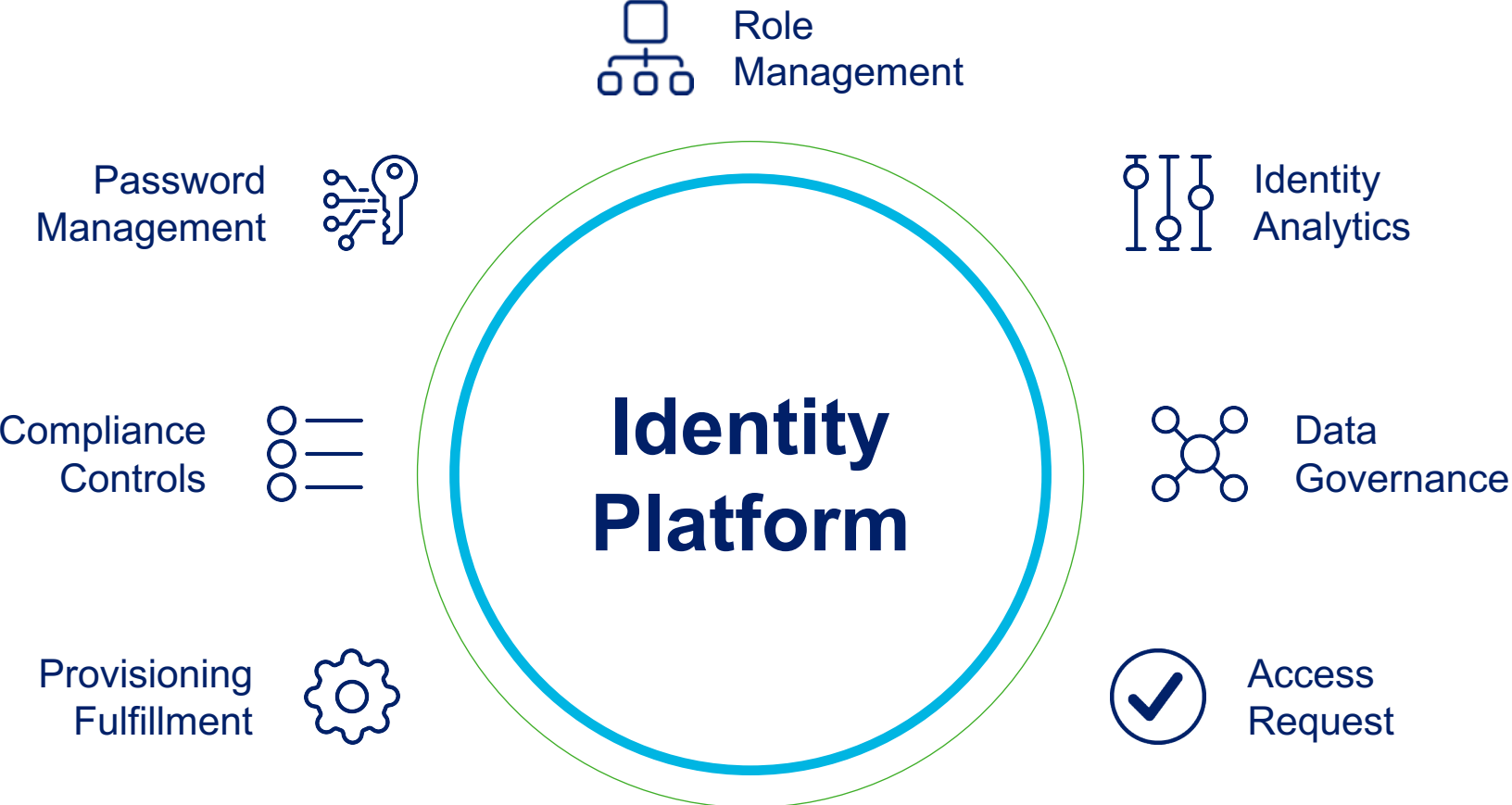
# Key tenets of successful Identity Governance

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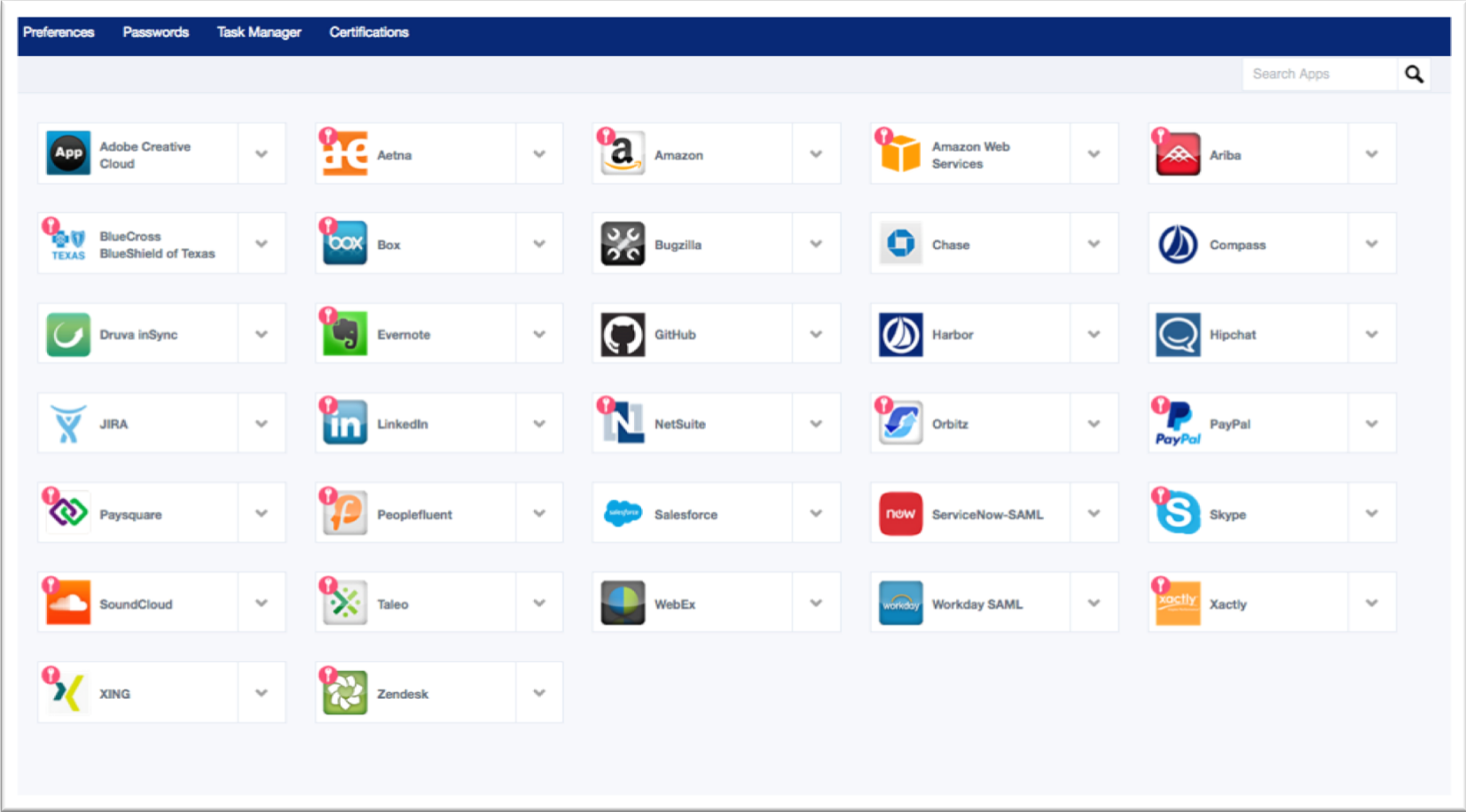
- 1 Comprehensive Approach
- 2 User Experience
- 3 Identity Context
- 4 Model-based Governance
- 5 Risk-based Controls
- 6 Approach to Connectivity
- 7 Consistency



# TENET 1: Comprehensive approach



# TENET 2: User experience



# TENET 2: User experience

The screenshot displays the SailPoint Tenet 2 user interface. At the top, there is a navigation bar with tabs for 'Preferences', 'Passwords', 'Task Manager', and 'Certifications', along with a 'Search Apps' search bar. The main content area is divided into several sections:

- My Resources:** A section titled 'Accounts Folder' with sub-metrics: Data (8.1), Permissions (7.2), Alerts (7.0), and Compliance (5.4). It features six circular gauges:
  - Sensitive Data Exposure:** A table with columns 'Data Type', 'Users', and 'Result'.

Data Type	Users	Result
Credit Card	523	10% ↑
Finance	1,123	16% ↓
Social Security	472	1% ↑
Intellectual Property	327	10% ↓
  - Overexposed Resources:** 9.0 Score, 25 resources.
  - Stale Permissions:** 4.2 Score, 1,596 permissions.
  - Direct User Permissions:** 7.5 Score, 903 permissions.
  - Featured Insight:** A donut chart titled 'Data Size by Type' showing: Videos (26%), Documents (9%), PST (19%), Images (23%), and Others (23%).
  - Stale Data:** 9.0 Score, 32GB of data.
  - Illegal Data:** 3.8 Score, 17GB of data.
  - Unread Alerts:** 7.0 Score, 10 alerts.
- Today's Agenda:** A list of tasks with counts: Pending Access Reviews (2), Data Owners Votes (3), Pending Access Requests (7).
- My Achievements:** A list of accomplishments: Stale Permission Removed (315), Stale Data Removed (9GB), Illegal Data Removed (6GB).
- Owners Leaderboard:** A ranking of users: 1st Juan Peterson (Finance, 9.5 Score), 2nd Tyler Garza (Human Resources, 9.2 Score), 3rd Adam Wells (Quality Assurance, 8.7 Score), 24th Me (Finance, 5.2 Score). A note indicates 'Your Ranking has gone up'.



# TENET 2: User experience

The screenshot displays the SailPoint Tenet 2 user interface, which is a comprehensive dashboard for identity and access management. The interface is organized into several key sections:

- Navigation and Search:** A top navigation bar includes links for Preferences, Passwords, Task Manager, and Certifications. A search bar labeled "Search Apps" is positioned on the right.
- My Resources:** A sidebar on the left lists various applications such as Adobe Creative Cloud, BlueCross BlueShield of Texas, Druva inSync, JIRA, Paysquare, and SoundCloud.
- Home Dashboard:** The central area features a "Home" dashboard with several summary cards: Policy Violations (5), Access Reviews (1), Approvals (0), and Manage User Access. Below these are tables for "Latest Violation Work Items" and "Latest Forms".
- Featured Insight:** A section titled "Featured Insight" displays a donut chart for "Data Size by Type" with the following data: Videos (26%), Documents (9%), PST (23%), Images (23%), and Others (23%).
- My Access Reviews:** A section for "My Access Reviews" shows a progress indicator for "Access Review for James Smith" with 2 out of 5 reviews completed.
- Certification Campaigns:** A section for "Certification Campaigns" shows a progress indicator for "Manager Certification" with 19% completion.
- Risk Score:** A section for "Risk Score" displays a list of applications with their respective risk scores, all set to 1000.
- Right Sidebar:** A vertical sidebar on the right contains sections for "Today's Agenda" (listing Access Reviews, Owners Votes, and Access Requests), "Achievements" (listing Permission Removed, Data Removed, and Data Removed), and "Owners Leaderboard" (listing users like Juan Peterson, Tyler Garza, Adam Wells, and Me).

**SailPoint**

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# TENET 2: User experience

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# TENET 3: Identity context

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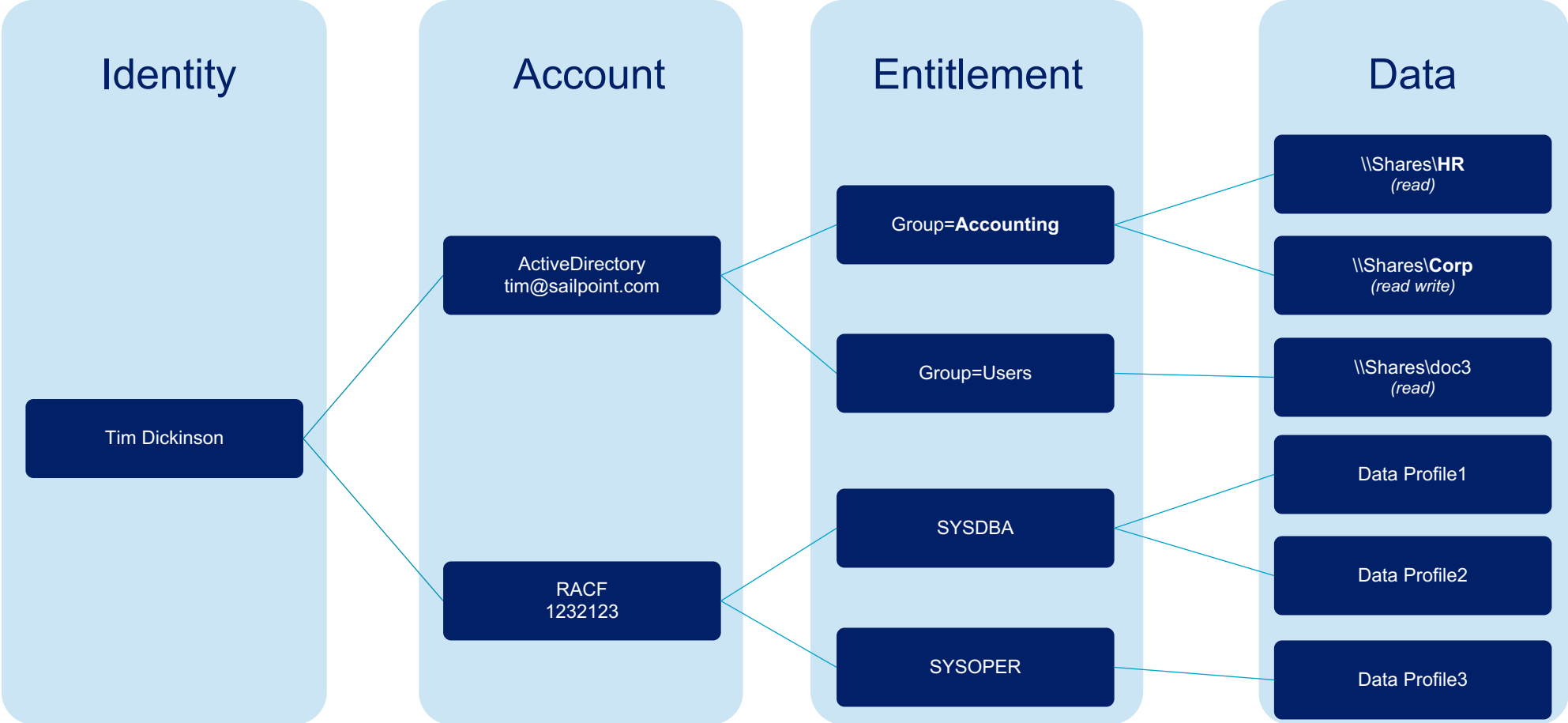
Identity

Account

Entitlement

Data

# TENET 3: Identity context



# TENET 3: Identity context

## Operations Infrastructure

GRC



IT Service Management



Mobile Device Management



Applications & Infrastructure



## Identity Governance



## Security Infrastructure



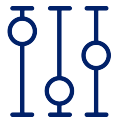
Data Governance



Privileged User Mgmt.



SIEM & DLP



User Behavior Analysis



# TENET 3: Identity context

## Operations Infrastructure

GRC



IT Service Management



Mobile Device Management



Applications & Infrastructure



## Identity Governance

Identity Context @ Center

## Security Infrastructure



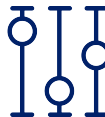
Data Governance



Privileged User Mgmt.



SIEM & DLP



User Behavior Analysis

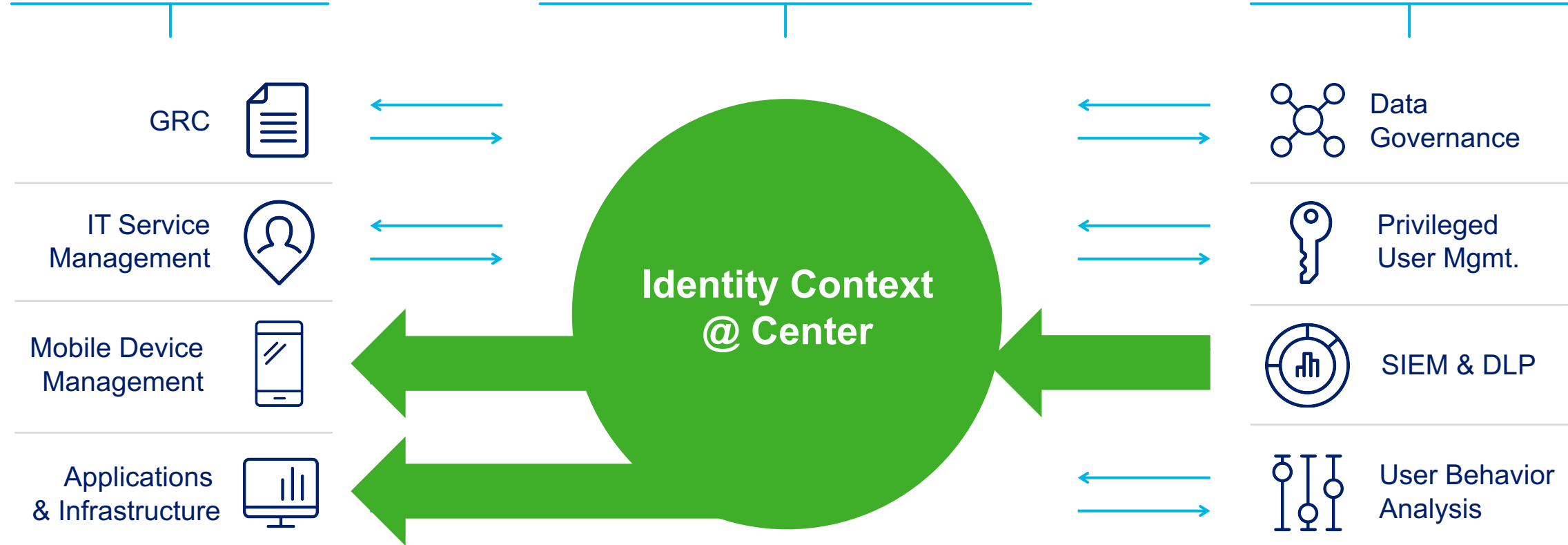


# TENET 3: Identity context

## Operations Infrastructure

## Identity Governance

## Security Infrastructure

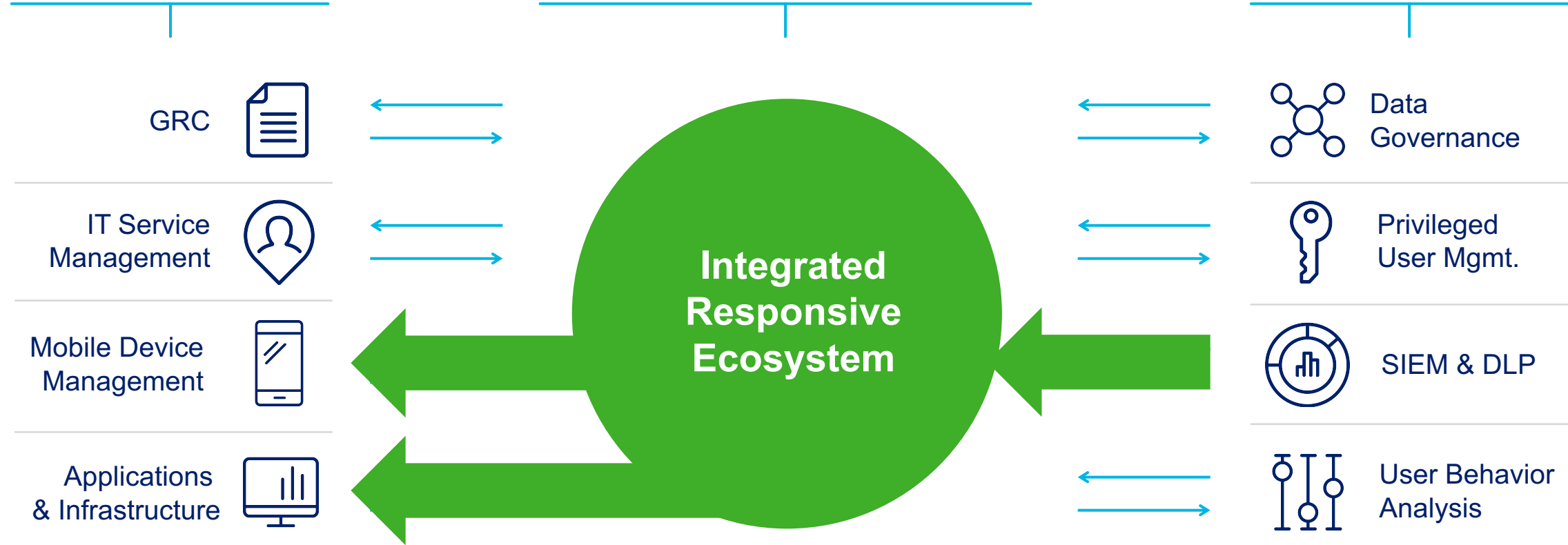


# TENET 3: Identity context

## Operations Infrastructure

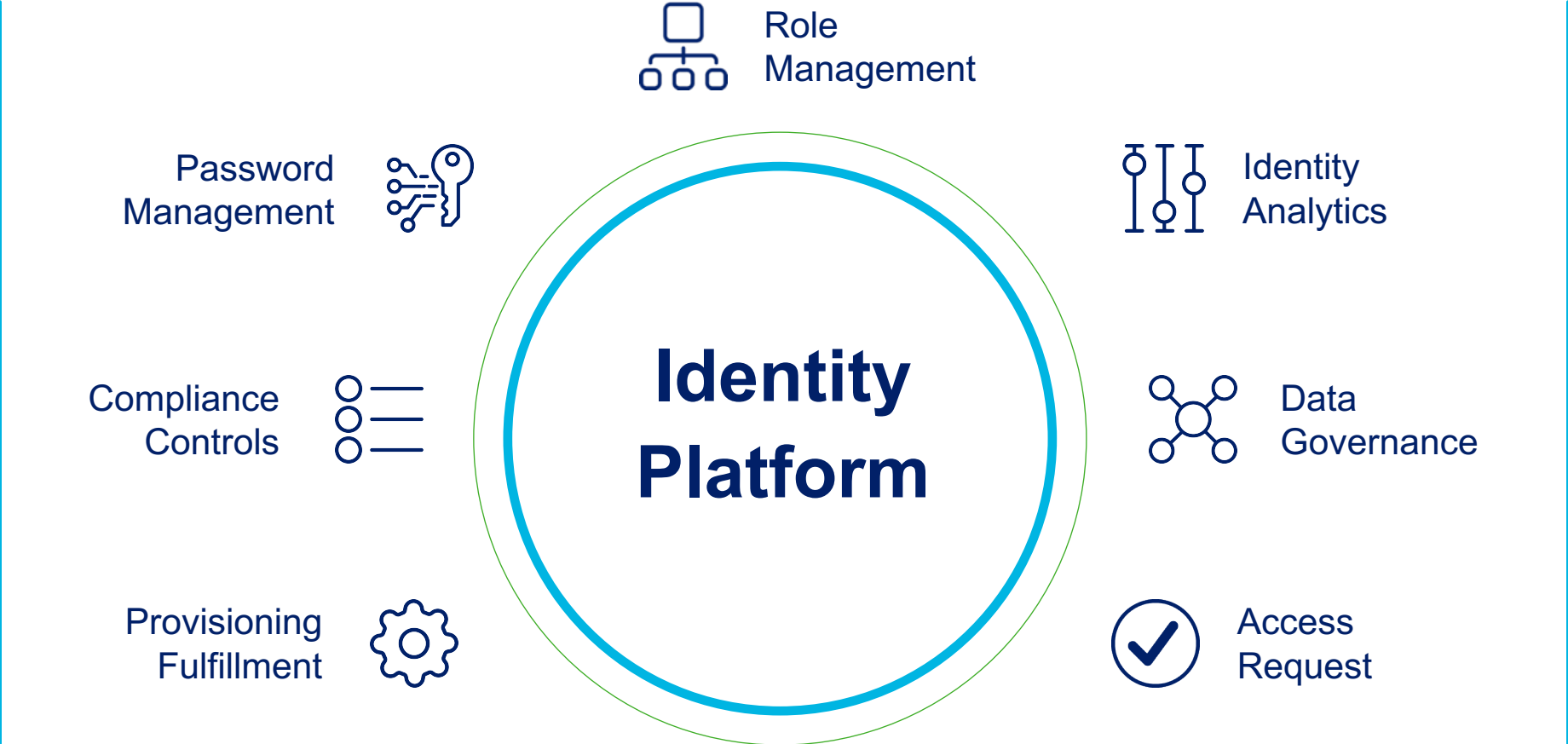
## Identity Governance

## Security Infrastructure

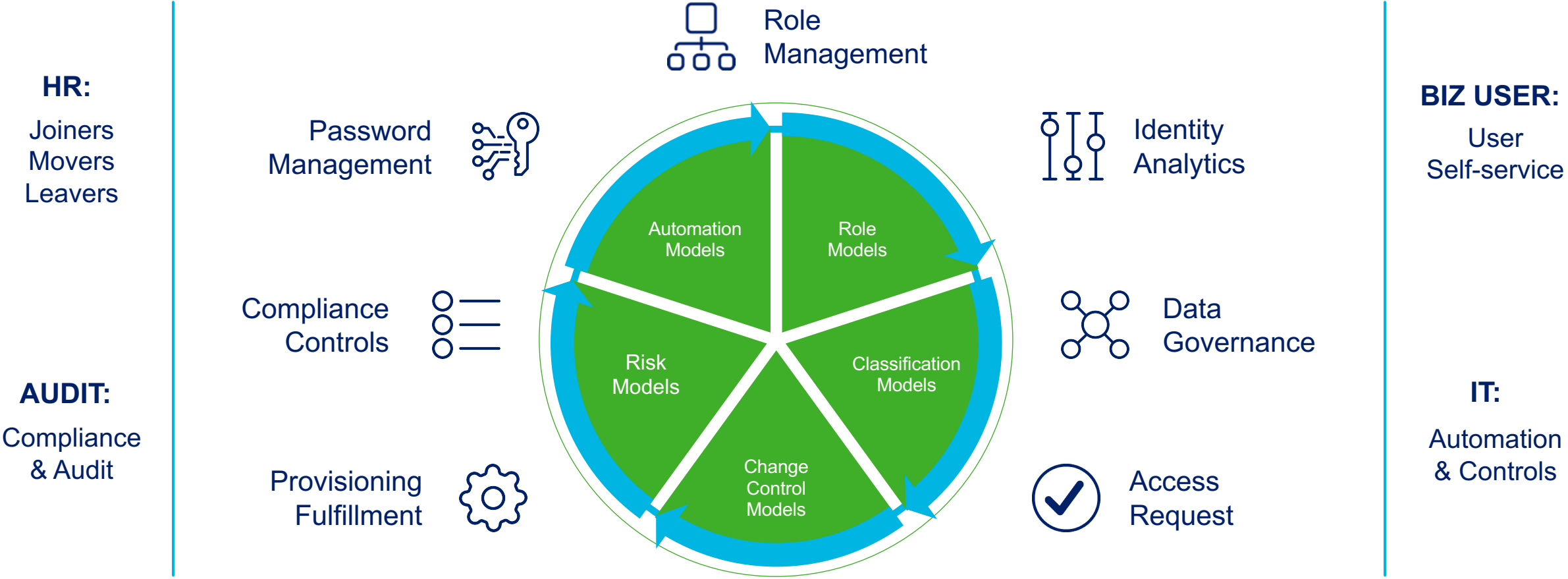




# TENET 4: Model-based governance lifecycle

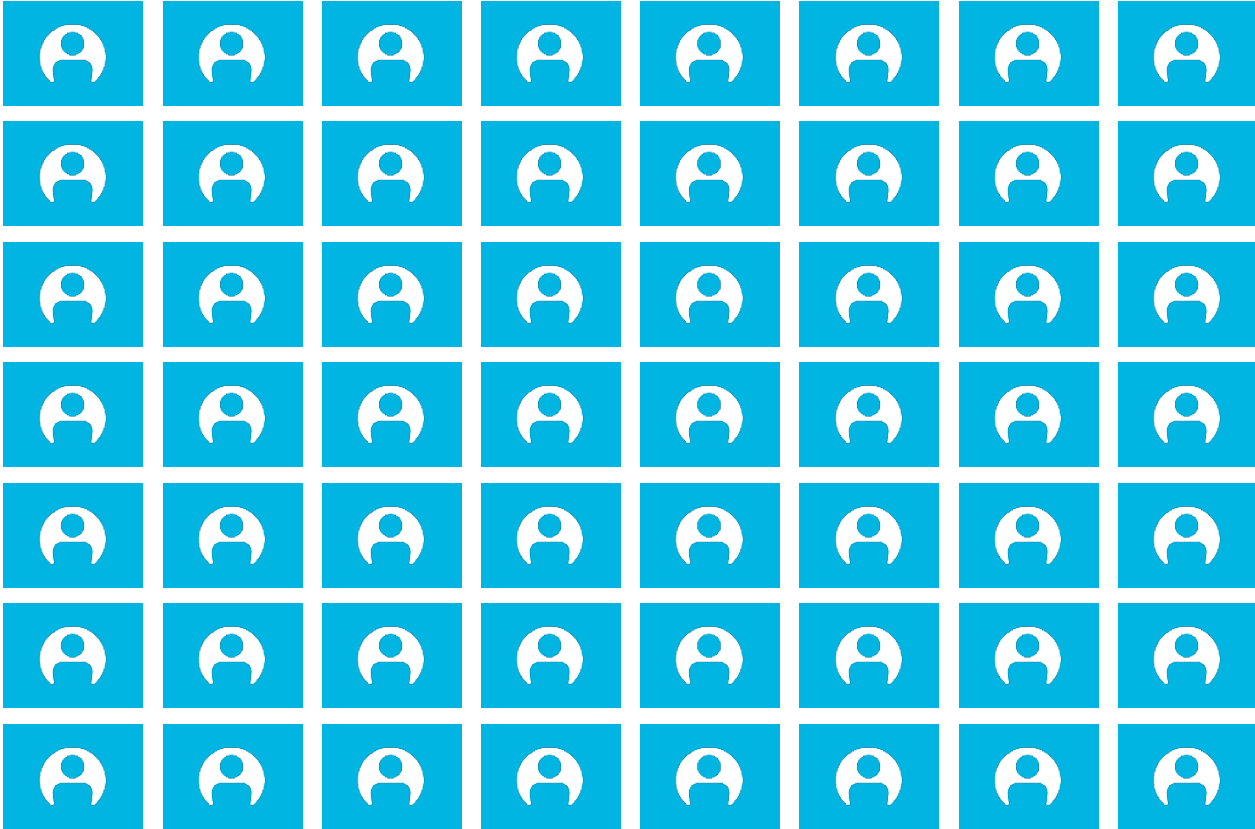


# TENET 4: Model-based governance lifecycle

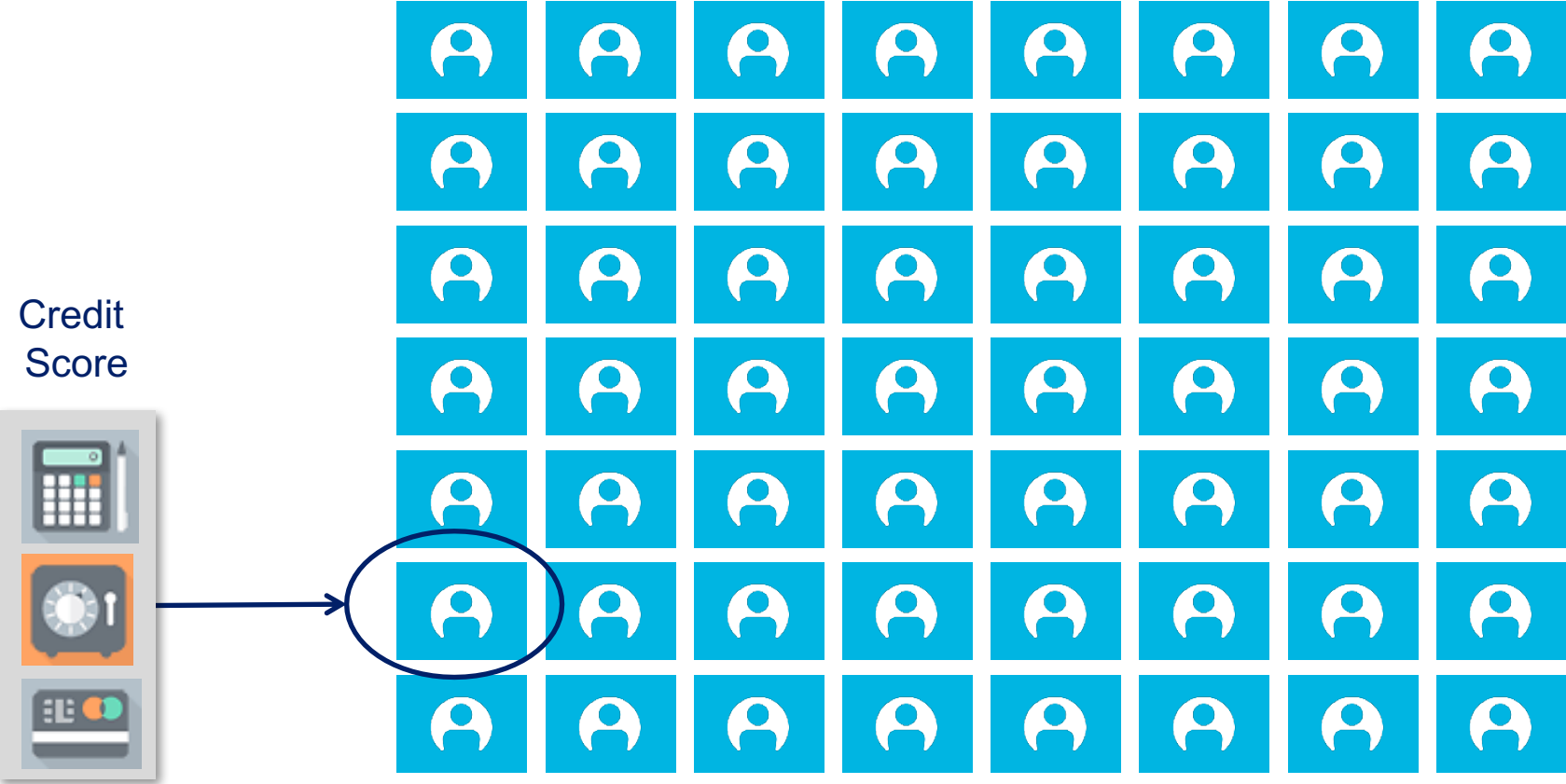


# TENET 5: Risk-based controls

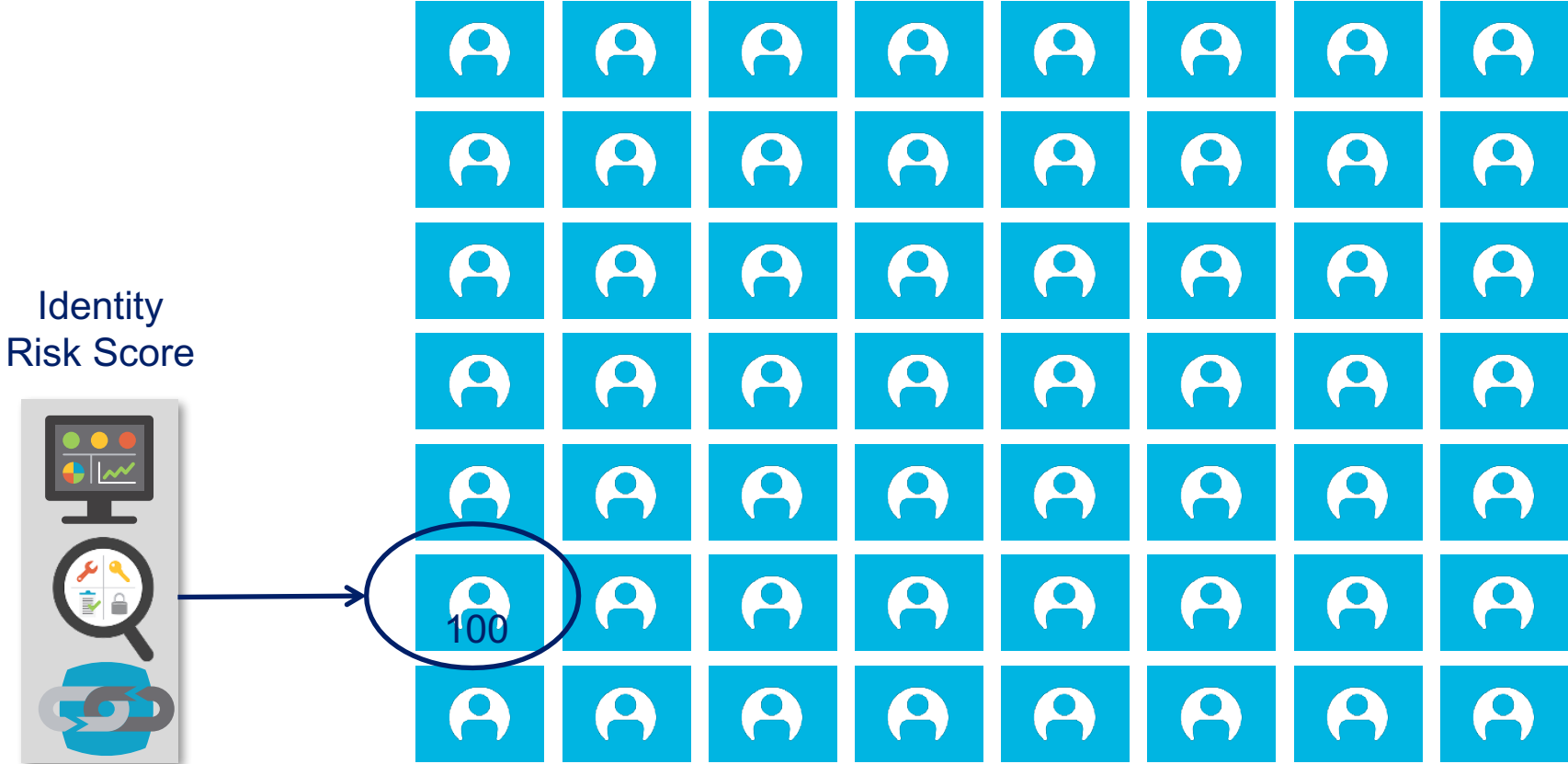
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# TENET 5: Risk-based controls



# TENET 5: Risk-based controls

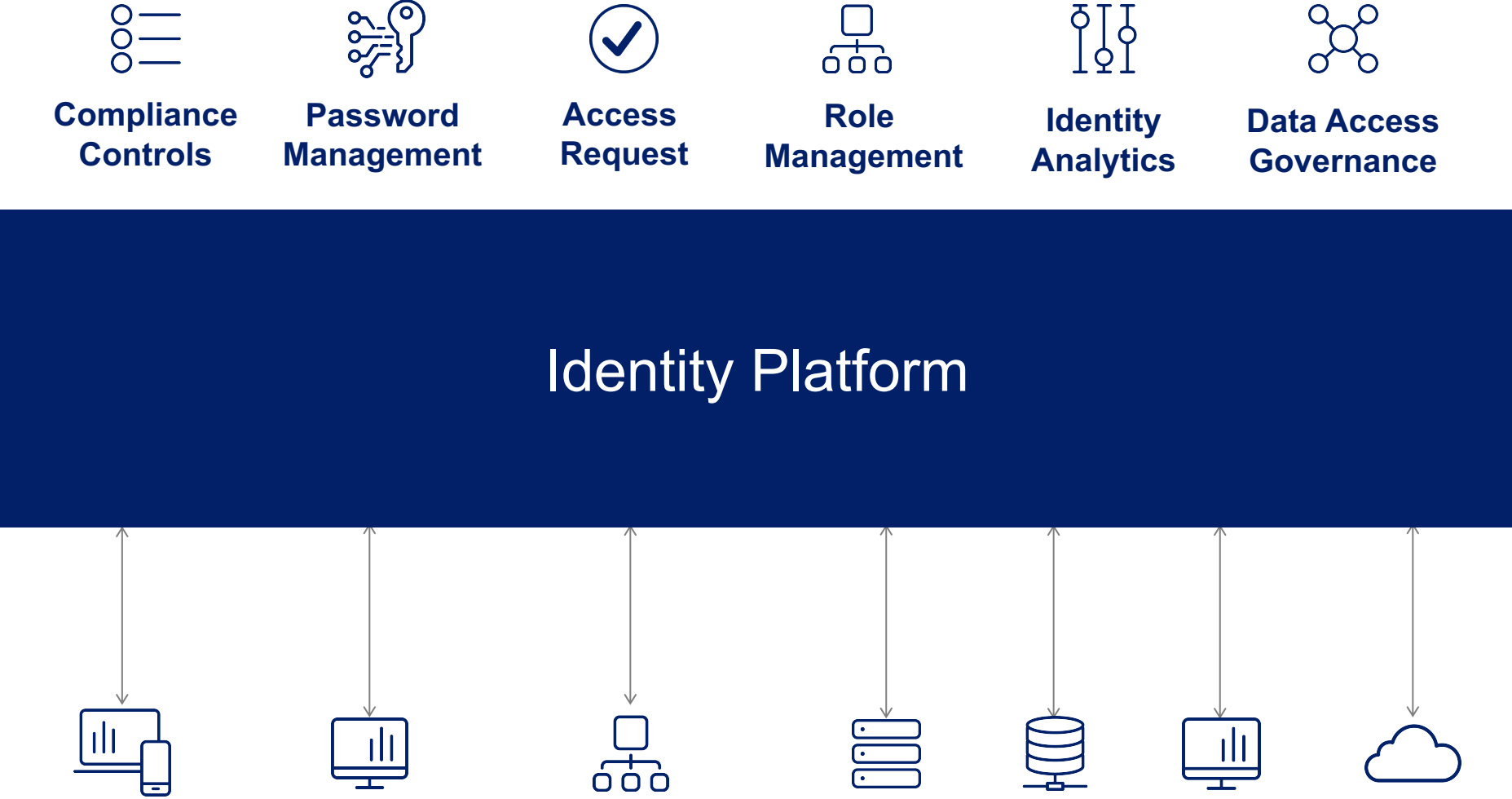


# TENET 5: Risk-based controls

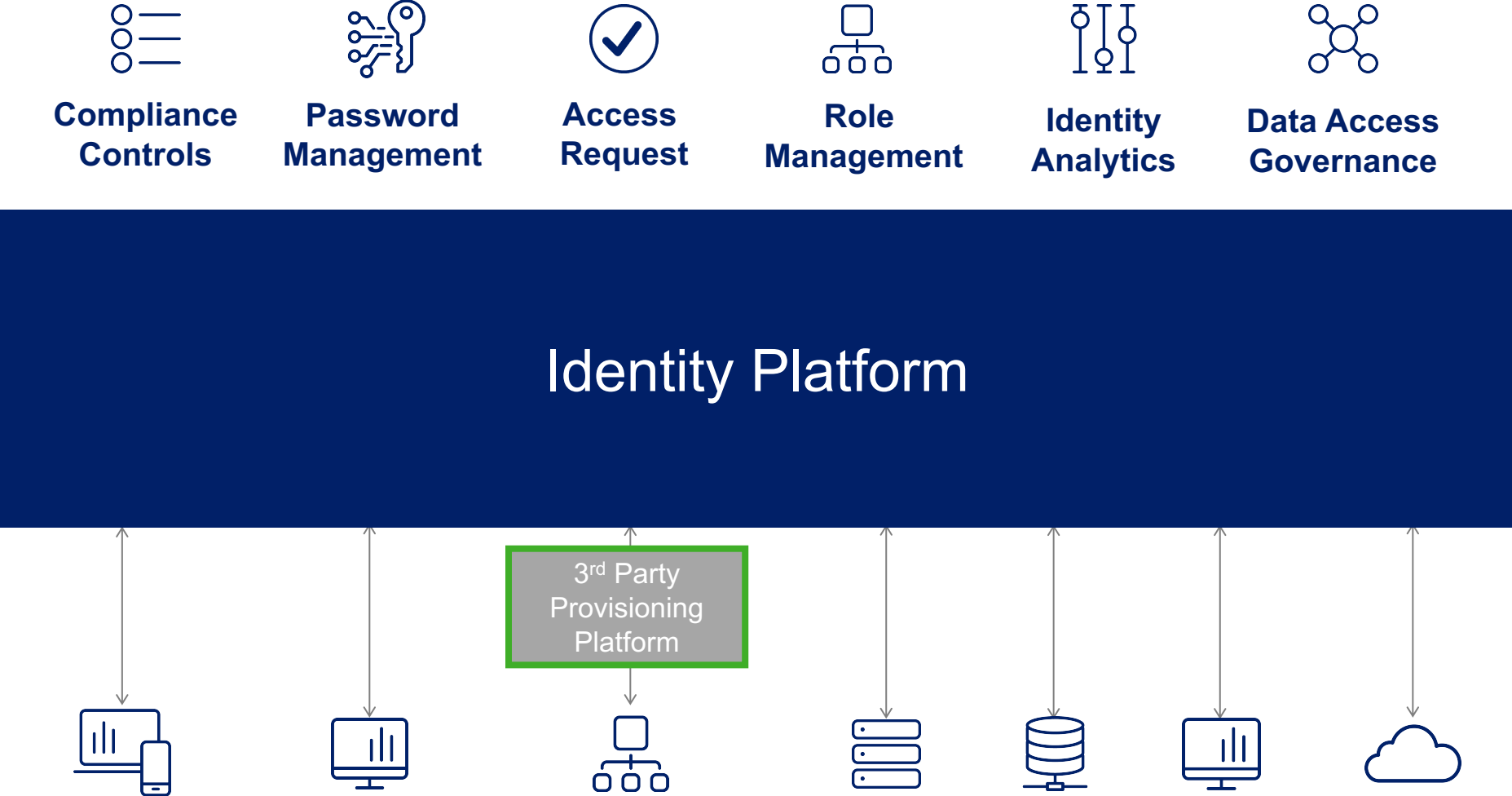
Low Risk Profile ← Medium Risk Profile → High Risk Profile



# TENET 6: Approach to connectivity

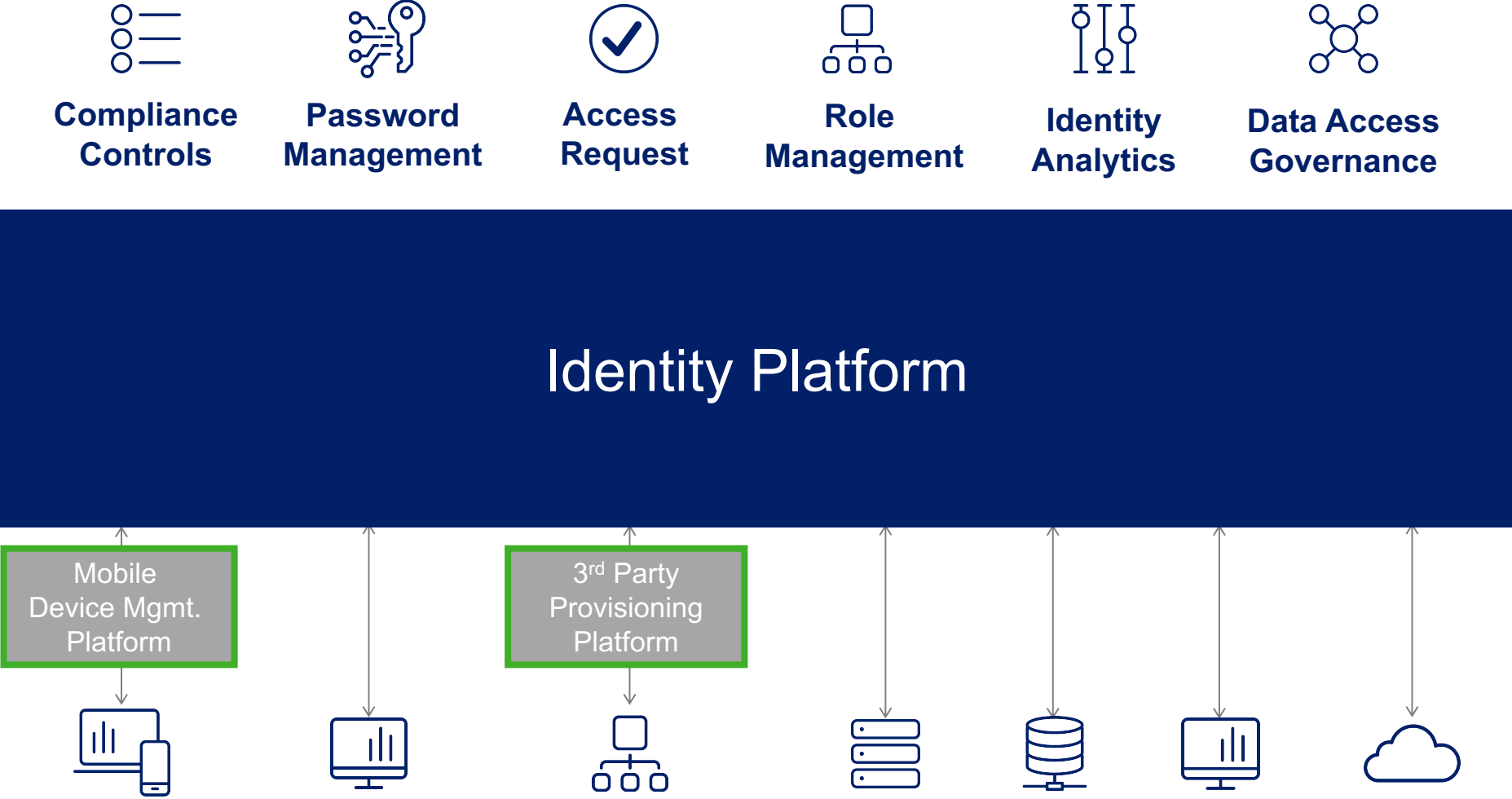


# TENET 6: Approach to connectivity

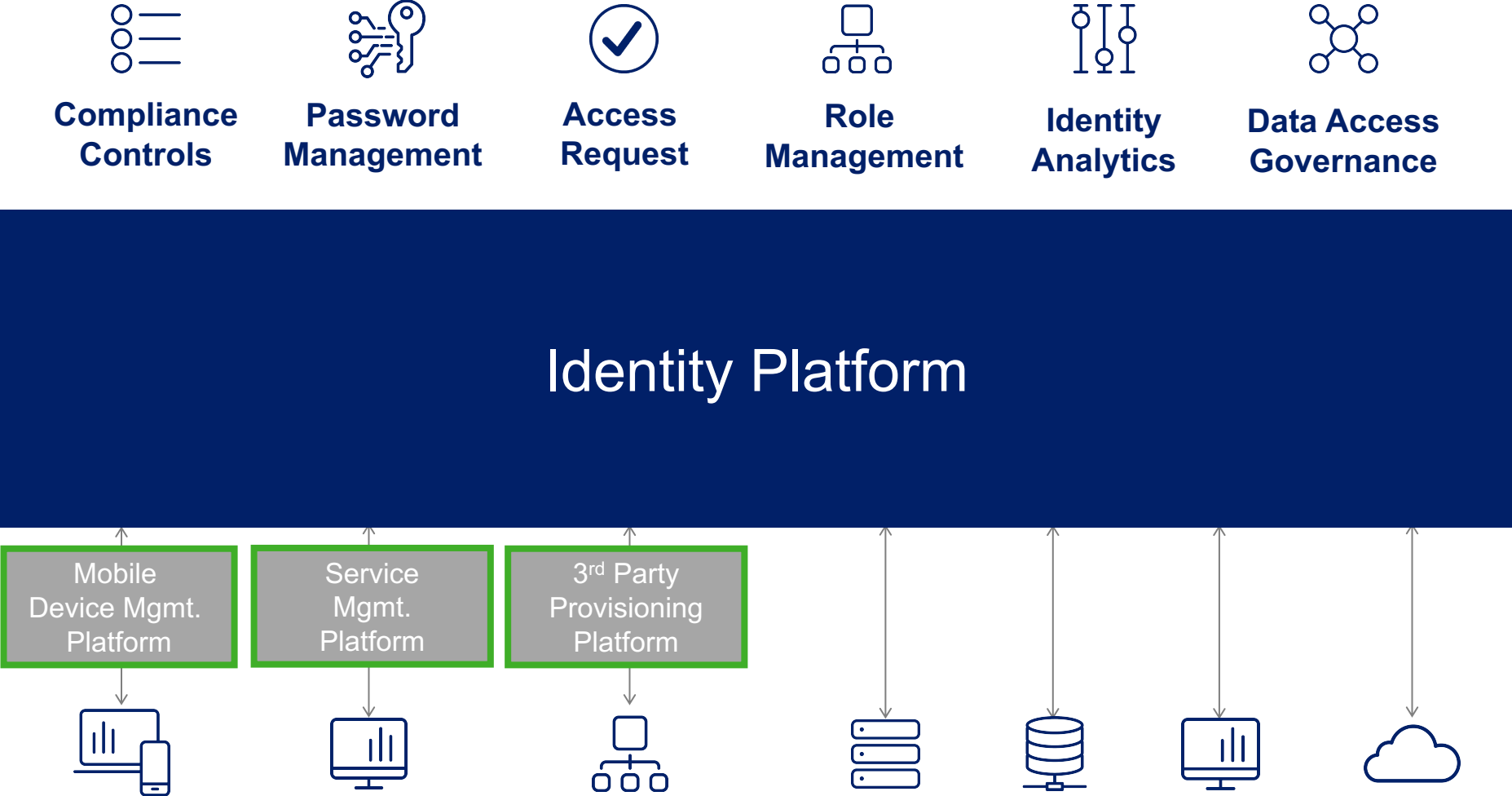




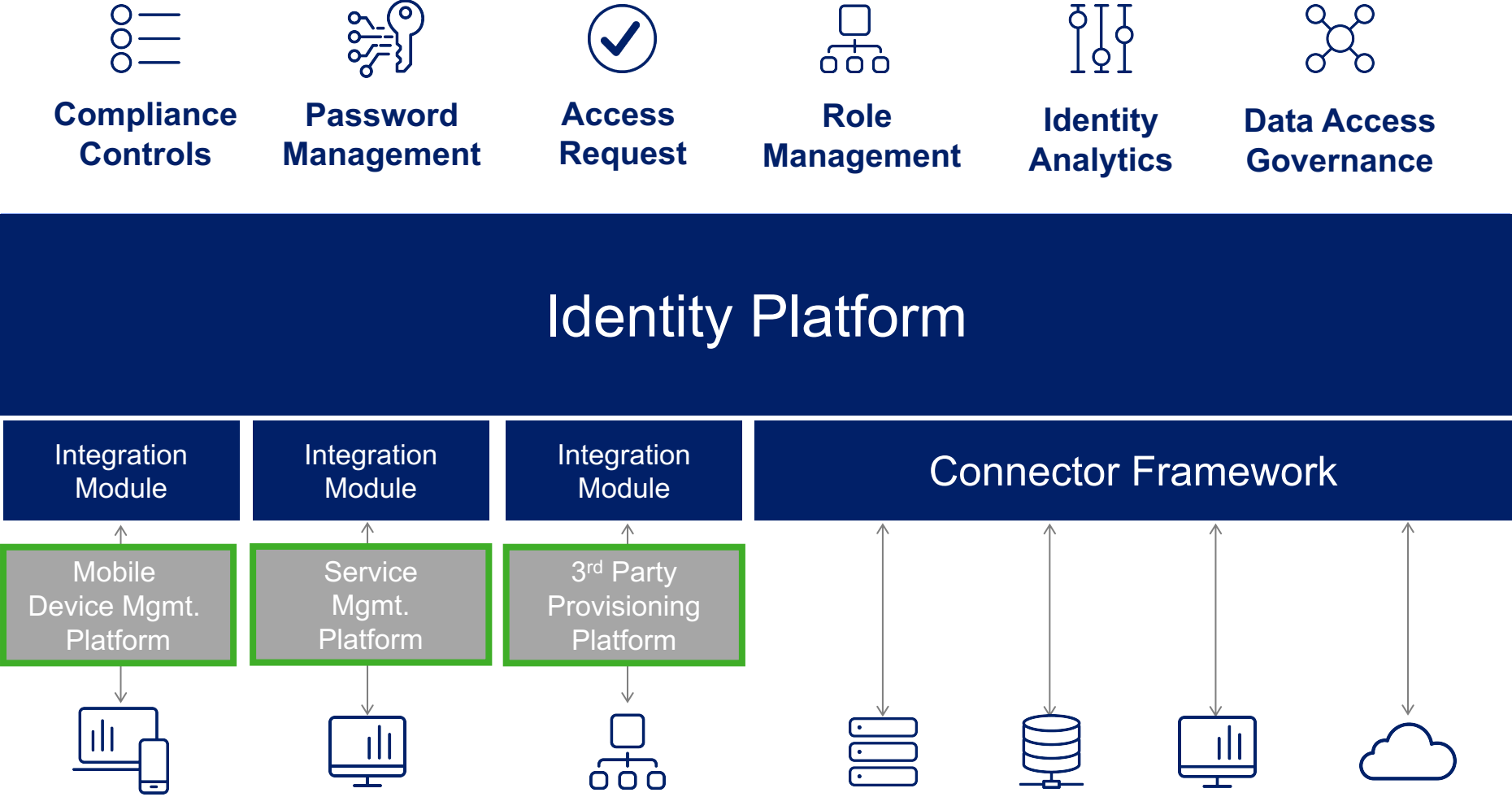
# TENET 6: Approach to connectivity



# TENET 6: Approach to connectivity



# TENET 6: Approach to connectivity



# TENET 7: Consistency

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**Cloud / SaaS / Mobile**

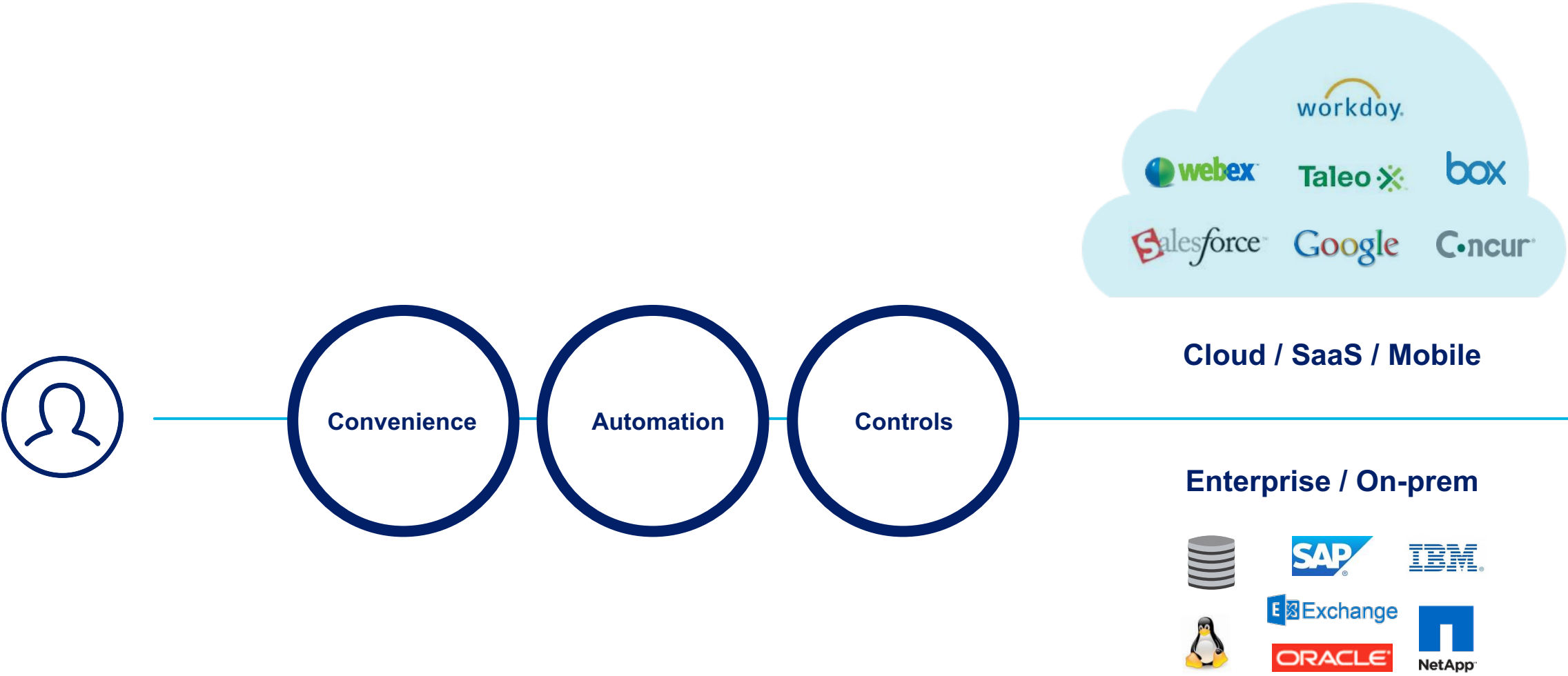


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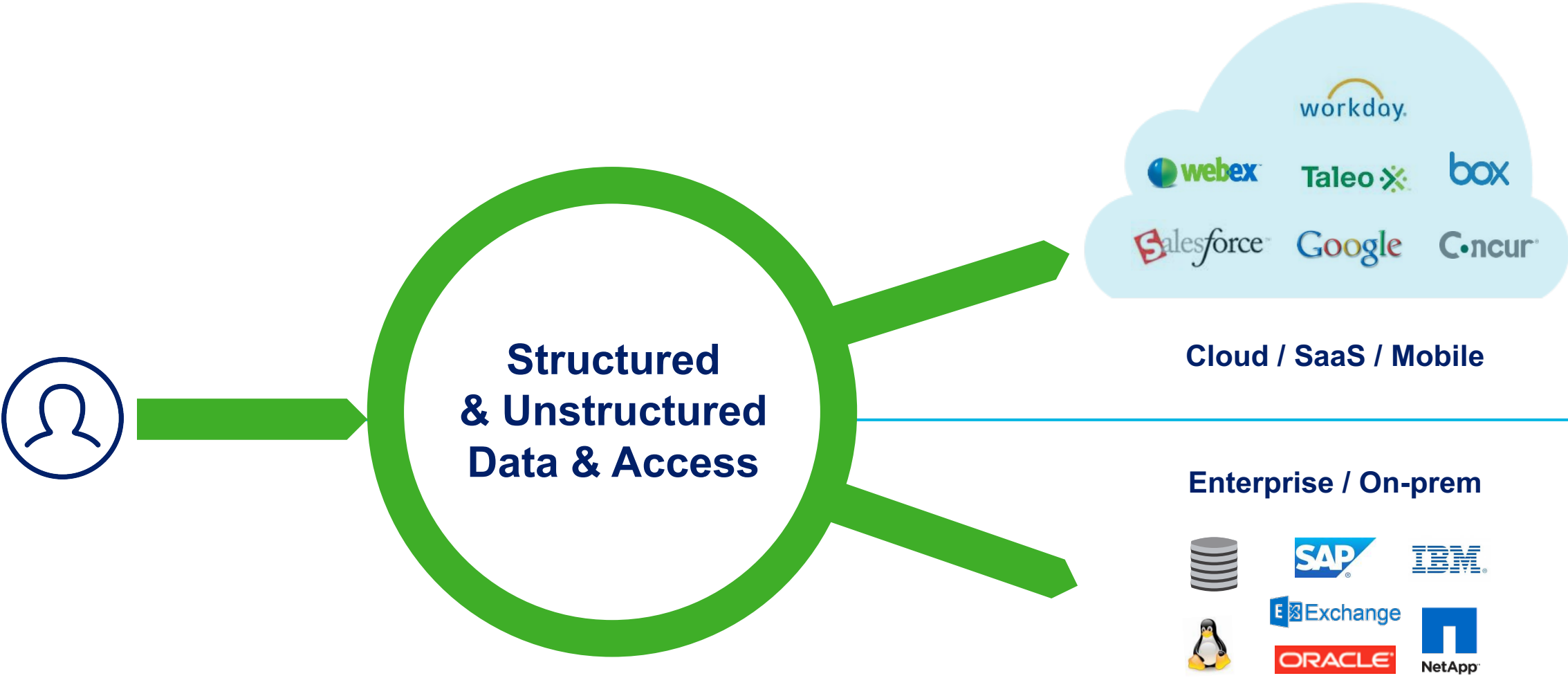
**Enterprise / On-prem**



# TENET 7: Consistency



# TENET 7: Consistency



# Recap: Areas of Identity Governance

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# Recap: Key **tenets** of successful Identity Governance

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- 1 Comprehensive Approach
- 2 User Experience
- 3 Identity Context
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# Questions?

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**[www.linkedin.com/in/Timinator](http://www.linkedin.com/in/Timinator)**



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