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TRANSFORM

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Taming Identity Sprawl to Close the Cybersecurity Exposure Gap

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One Identity

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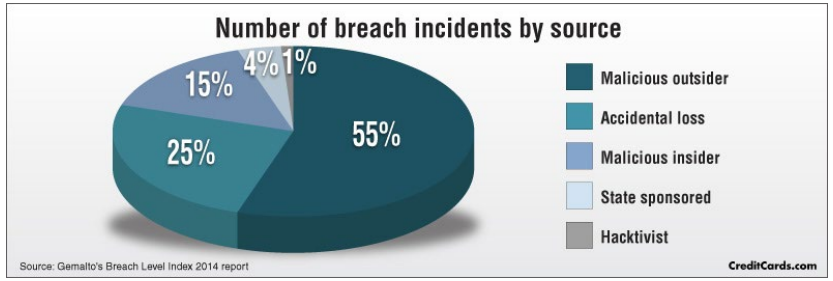
Four Stages of Vendor Presentations

Scary Stats



Headlines

About Us

Technical Deep Dive

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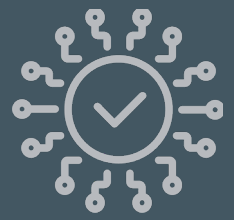
Segment 1

Understanding the Cyber Security Current State

Current State of Cyber Security – Part 1

Understanding the current threat surface



Infrastructure-centric

PROTECT everything

(Fragmented Approach to Identity)

Identity-centric

VERIFY everything

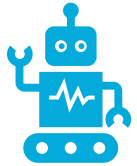
(Unified Approach to Identity)

The traditional perimeter is eroding, and **identity is emerging as the new perimeter**

Current State of Cyber Security – Part 2

Identities have increased exponentially

Millions of users
internal, external and customers



More machines than humans
everything instrumented

Ever-expanding accounts
legacy, cloud, hybrid, edge

Identity sprawl

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Segment 2

Understanding the Challenge

The Current State

Identity is now more difficult to protect

Yesterday

- Employees
- Hired for one job
- Single access point
- People
- Office-bound

Today

- Employees, contractors, suppliers, partners
- Roles change frequently
- Access changes based on circumstances
- People + applications + machines
- Hyper-dispersed, mobile

Understanding the Identity Challenge

- Identities not limited to actual people
  - Devices, apps, bots, etc
- Multiple tools deployed
- Tools are independent and siloed
- Identities in one tool unaware of identities in others
- Fragmented state created
- Multiple processes created based on types of tools in use

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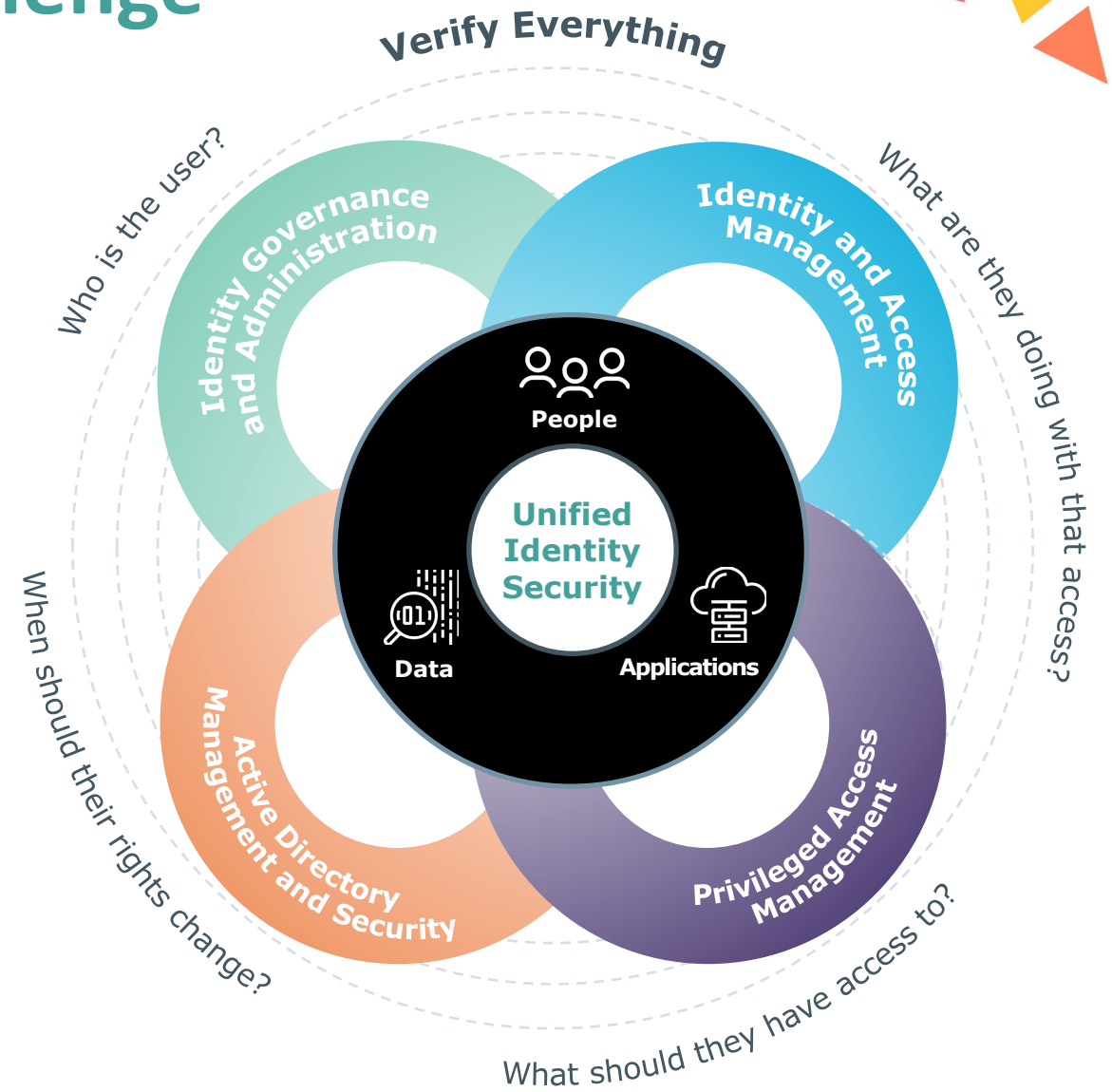
Segment 3

Addressing the challenge

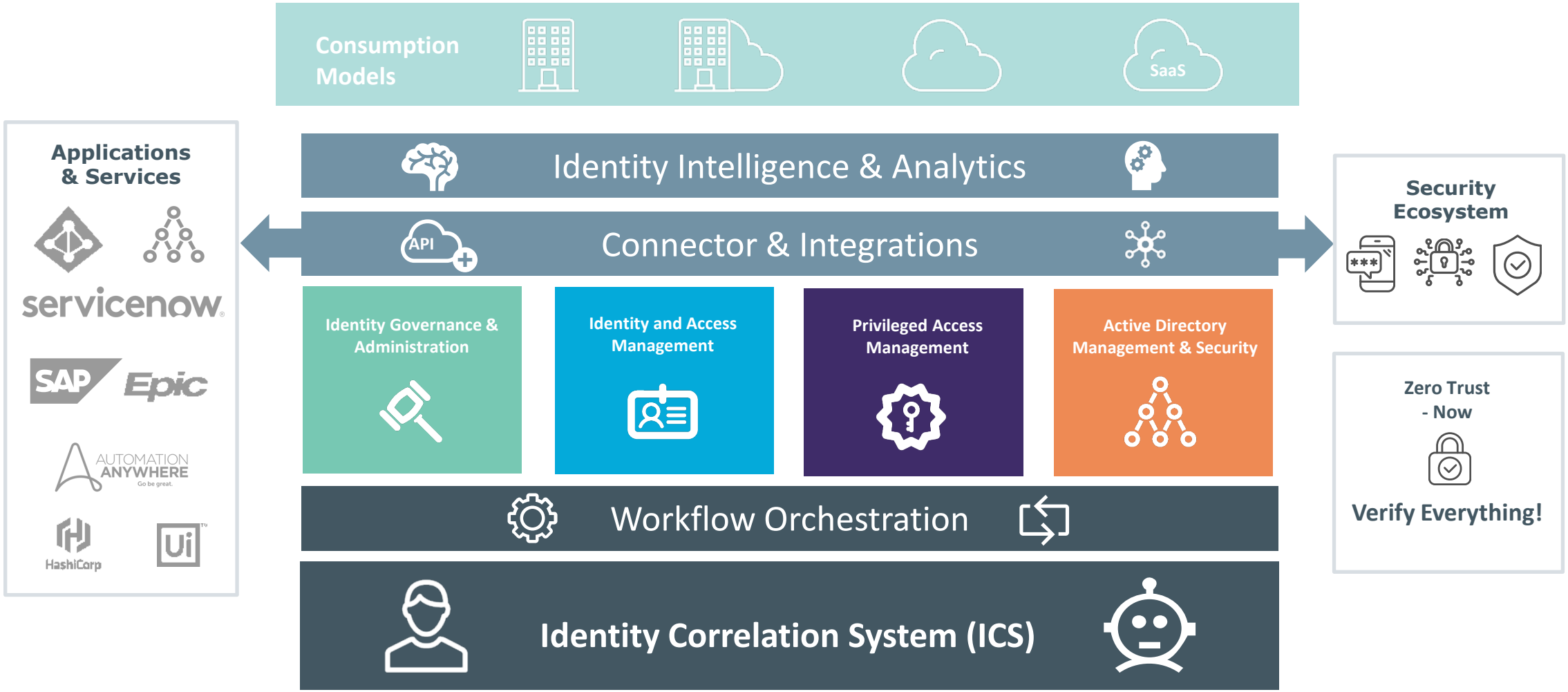
Addressing the Identity Challenge

- Unify to a single platform
- Identity becomes the center
- Individual tools integrated together and correlated based on identity events



Unified identity security platform

People | Applications | Data



The unified identity security journey

0 FRAGMENTED state

- Identity **sprawl**
- **Siloed** identity security tools
- **Exposed**

1 BASIC state

- Identity **management**
- **Point solutions** for PAM, IGA, and AD Management
- **Managed**

2 UNIFIED state

- Identity **correlation**
- **Unified platform** with best-in-class PAM, IGA, and AD Management solutions
- **Verified**

3 Resilient state

- Identity **orchestration**
- **Integrated** ecosystem to streamline processes and achieve adaptive resilience
- **Optimized**

Ever-improving protection and economics

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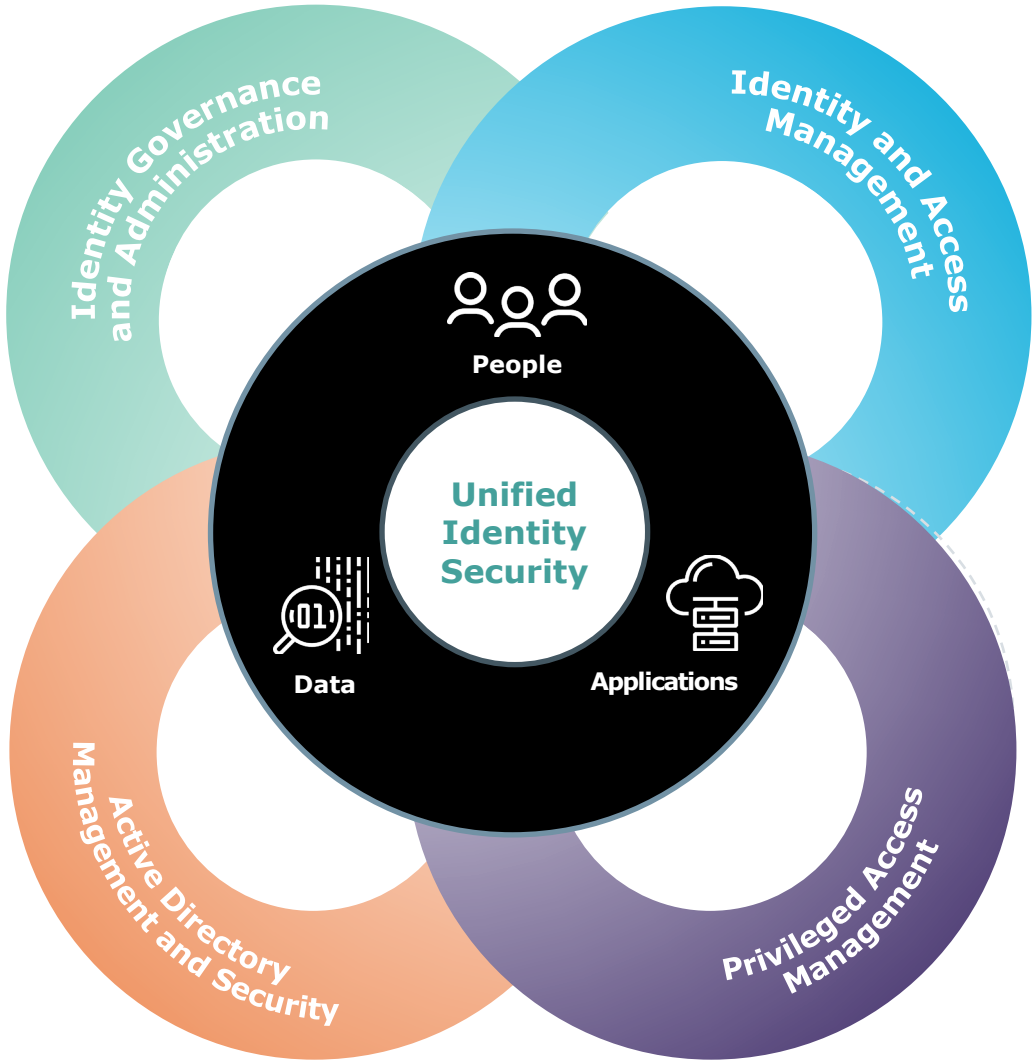
Segment 4

Using PAM as a Starting Point

Start anywhere, as long as it is PAM!



Identity Governance and Administration

Lifecycle Management, Access Certification

Identity Access Management

- Single Sign-On
- Multi-Factor Authentication (MFA)
- Advanced Directory

Customer Identity

Privileged Account Management

- Privileged Passwords
- Privileged Sessions
- Privileged Analytics
- Authentication Services
- Remote Access

Active Directory Management

- Policy Management
- AD Security

Why Start with PAM

You probably already have it!

Current State

- Identities, especially privileged accounts are being targeted by bad actors
- 85% of organizations say that employees have more privileged access than needed
- High levels of friction introduced to users who are trying to access privileged assets remotely
- Achieving Zero Trust is practically impossible due to underlying complexity
- Opaque insights into privileged user activity
- Impossible to leverage analytics to proactively identify and act on risk

Future State

- Securely store, manage, record and analyze privileged access
- Provide the right access at the right time – and nothing more
- Connect remote privileged users to servers and other critical resources through any browser, with no VPN required
- Adaptive Zero Trust attained with ability to apply and manage credentials just in time
- Know what your privileged users are doing, working with session monitoring/recording
- Use machine learning and behavioral biometrics to identify deviation from “normal” behavior

PAM Integration Components

PAM+IGA

- Privileged access governance

PAM+AD Management

- Zero Trust
- Just in Time

PAM+IAM

- PAM Remote Access

ONE IDENTITY
by Quest