

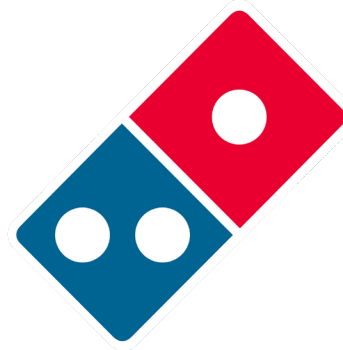


BREAKING DOWN DIGITAL TRANSFORMATION

Challenges and Controls for Privileged Access

DIGITAL TRANSFORMATION...

The process of using **digital** technologies to create new — or modify existing — business processes, culture, and customer experiences to meet changing business and market requirements. This reimagining of business in the **digital** age is **digital transformation**.



FOUR KEY TECHNOLOGIES TO DIGITAL TRANSFORMATION

AND THE RISKS THEY INTRODUCE

- Cloud
- Internet of Things
- Mobility
- AI/Machine Learning

CLOUD

CLOUD

WHY IS IT A KEY TECH IN DT?

- Improves Business Processes
- Scalability
- Working with a Trusted Partners
- OpEx > CapEx

CLOUD

THREATS

- Hybrid Clouds
 - Challenge of providing ubiquitous security across the spectrum.
- SaaS Culture
- Evolution of CI/CD “DevOps”
- Lack of Visibility

SOLUTIONS

- AAM
- PSM for Web

INTERNET OF THINGS

INTERNET OF THINGS

WHY IS IT A KEY TECH IN DT?

- Opens up new business opportunities.
- Delivers meaningful, tailored customer experience.
- Boosts business efficiency
- Improves employee productivity.
- Reduces operating costs

INTERNET OF THINGS

THREATS

- Insufficient testing & updating.
- Brute-forcing and default passwords.
- IoT Malware & Ransomware.
- Data Security & Privacy concerns.

SOLUTIONS

- Privileged Account Management
- Privilege Session Management
- Session Analytics

MOBILITY

MOBILITY

WHY IS IT A KEY TECH IN DT?

- In-field service environments.
- Improves quality servicing assets or customers.
- Induces users to engage more frequently.

MOBILITY

THREATS

- BYOD Challenges
- Growing attack surface
- Traditional systems challenges

SOLUTIONS

- Privileged Session Management
- Application Access Management
- CorePAS Credential Management.

AI/MACHINE LEARNING

(specific focus on Robotic Process Automation)

ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

WHY IS IT A KEY TECH IN DT?

Streamline operations to reduce costs.

- BPO Drawbacks
- One robot costs about 1/3 the price of an offshore FTE and one 1/5 the price of an onshore worker.
- Behaves in ways humans cannot.

AI/MACHINE LEARNING

THREATS

- Abuse of privileged access
- Disclosure of sensitive data
- Security vulnerabilities
- Denial of Service (DoS)

SOLUTIONS

- PSM for Web
- Alero

FOUR KEY TECHNOLOGIES TO DIGITAL TRANSFORMATION

AND THE RISKS THEY INTRODUCE

CONCLUSION

- Cloud
- Internet of Things
- Mobility
- AI/Machine Learning



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THANK YOU!