Conterra

Hybrid Identity and Access Management
using Microsoft Identity Manager and Azure AD
 Implementation Services

The Digital Frontier

Today's world reflects a new reality: technology is ever-present, with easy access to digital services.

But, this digital frontier introduces **new blind spots** for IT

The frequency and sophistication of cybersecurity attacks are increasing. The old way of doing things is not staying ahead of the threats.

200+
The median # of days that attackers reside within a victim's network before detection

63%+
of confirmed data breaches involved weak, default or stolen passwords

$575B
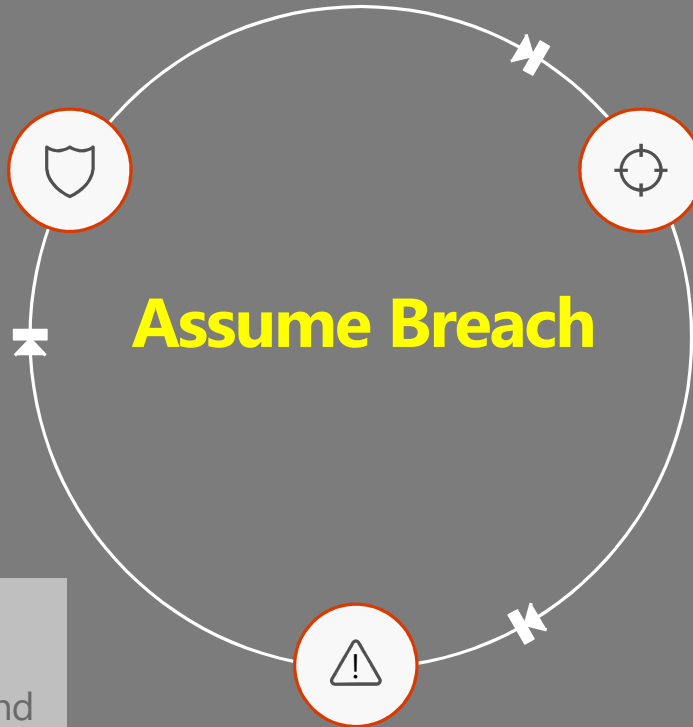The potential annual cost of cybercrime to the global economy

$4.0M
The average cost of a data breach to a company

We have to think differently....Assume breach

PROTECT
Stop attackers from getting in

DETECT
When they do get in, make sure you know about it

Assume Breach

RESPOND
Stop them from getting to your high value assets

"There are two kinds of big companies:
those who've been hacked, and those who don't know they've been hacked."

—James Comey, Director, FBI

MODERNIZE
Take advantage of the latest security & identity capabilities

OPTIMZE
Manage identities across datacenter and cloud

Identity
is the updated defense perimeter

ENABLE
Enable business without borders

Can you answer "Yes" to these questions?

PROTECT DETECT RESPOND

Is your infrastructure **patched** and on the **latest operating system**?	Are you mitigating against credential theft attacks (E.g. Pass-the-Hash).	Are you sure **only approved people** have access to your critical infrastructure?	Are you **certain** your environment has not been **breached**, and attackers are not **still operating** in your environment?

Do you have the tools to **protect**, **detect** and **respond** to attacks?

MODERNIZE OPTIMIZE ENABLE

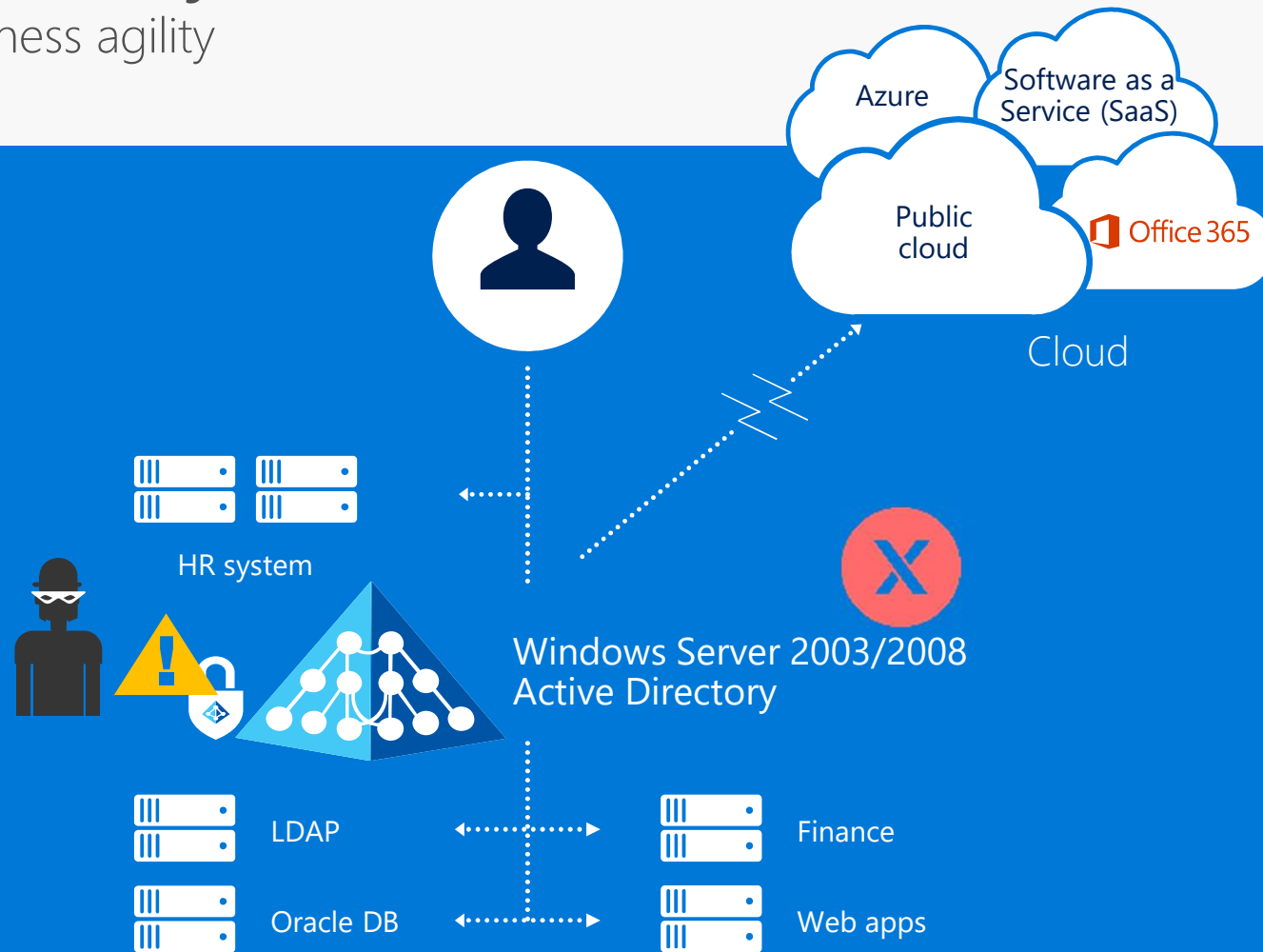|			
Is your **Active Directory** patched and on the **latest Operating System**?	Do you know if you have dormant user accounts?	Can you securely **integrate** access between your datacenter and cloud?	Can **mobile** employees access on-premises & cloud apps seamlessly and **securely**?

Aging, Complex **Identity** Platform

Exposes systems and limits business agility

❑ Legacy Directory Service
   a. End-of-Support
   b. Higher security risk

❑ Complex Identity Management
   a. Multiple Identity repositories
   b. High management costs
   c. Lack of agility

❑ Limited or no Cloud adoption
   a. Lack of innovation
   b. Isolated access management
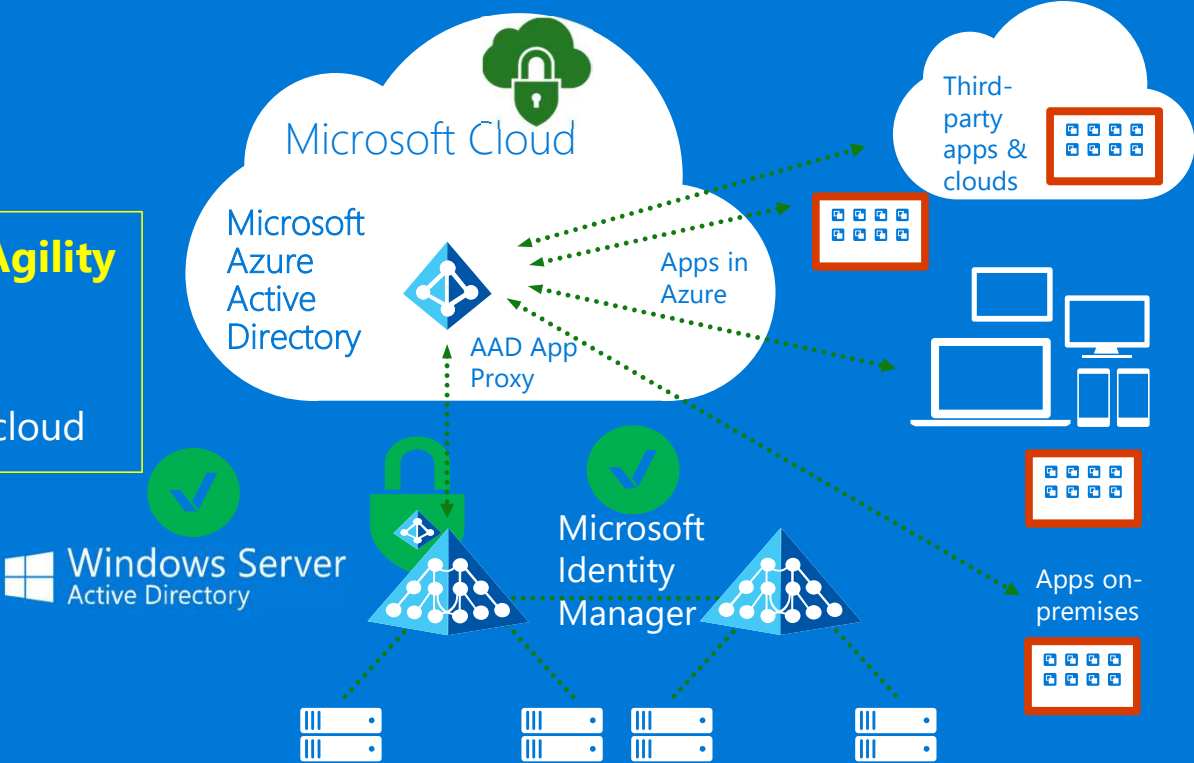   c. Limited scale
   d. High security risk

Azure

Software as a Service (SaaS)

Public cloud

Office 365

Cloud

HR system

Windows Server 2003/2008 Active Directory

LDAP

Oracle DB

Finance

Web apps

Microsoft's IAM Solution

☐ Modern identity management system
   a. Latest innovation and security
   b. Reduces security risk

☐ **Reduced Complexity and Increased Agility**
   a. Converged Identity management
   b. Increased productivity and self-service
   c. Management spans on-premises and cloud

☐ Enables cloud adoption
   a. Single Sign On to thousands of apps
   b. New business scenarios
   c. Productivity without compromise
   d. Cloud-powered protection

Microsoft Cloud

Microsoft Azure Active Directory

AAD App Proxy

Apps in Azure

Third-party apps & clouds

Windows Server Active Directory

Microsoft Identity Manager

Apps on-premises

IAM Implementation Services

Reducing Complexity and Increasing Agility

Scope of Engagement

Design, build, test and deploy **MIM 2016 and Azure AD Premium** in a customer production environment. It is composed of two modules

- **The MIM Foundation** module enables the management of users, contacts and groups in Active Directory from the MIM Portal.
- **The MIM HR** module enables the automatic management of user accounts and associated entitlements from a system of record such as an HR system.

Customer Benefit

- Enhanced controls for user and group management reduces IT costs and improves security posture.

- End-users can manage their own profile information.

- Introduce processes to control how external users are managed in AD

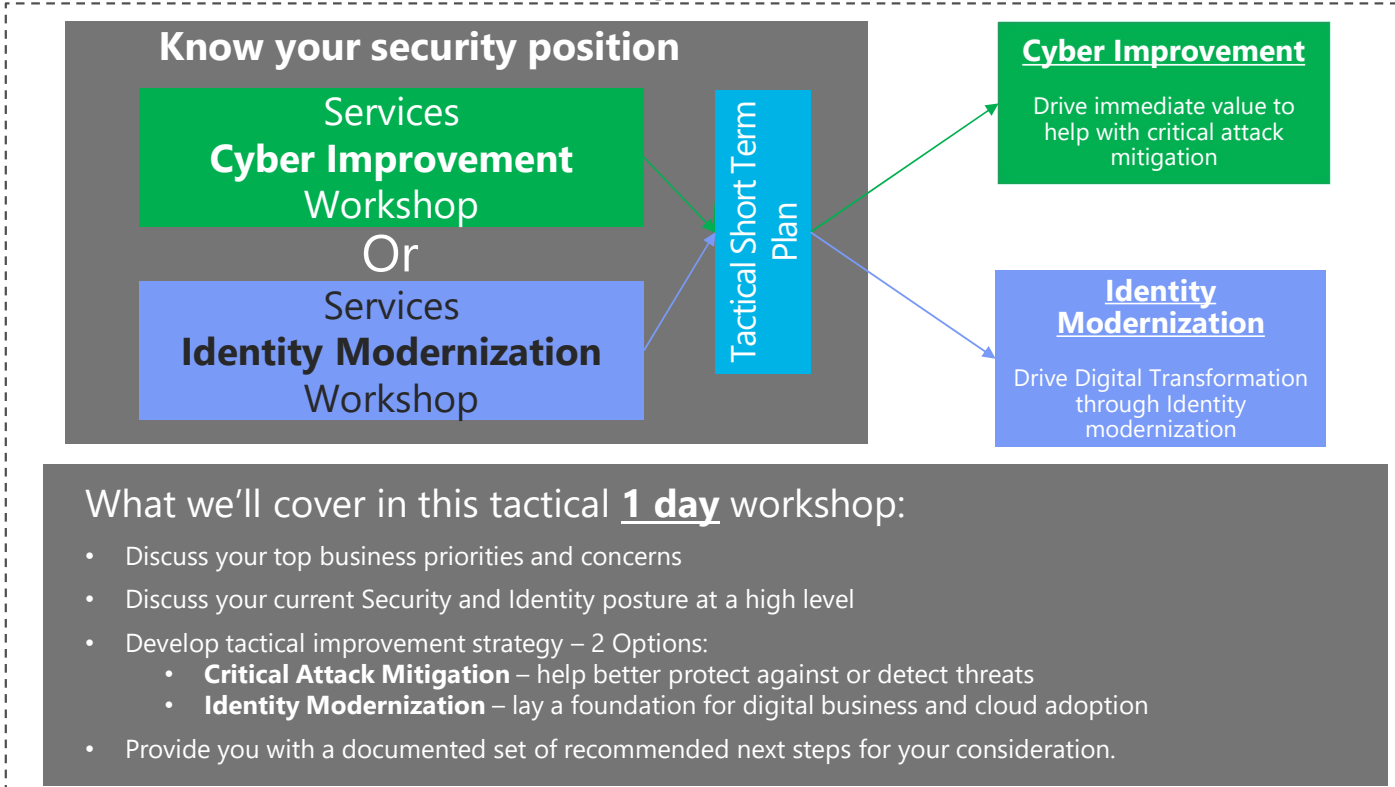- Integrate cloud applications including 3rd party

Why Conterra

- One of the best in class set of technologies for Hybrid ID management (Microsoft MIM and Azure AD Premium)
- Our team is experienced in project delivery for large scale enterprises (Heavy industry, Finance, Telecom)

Next Step - Security & Identity Strategy & Improvement

Tactical **Hybrid IAM Services** project

Or

Know your security position

Services
Cyber Improvement
Workshop

Or

Services
Identity Modernization
Workshop

Tactical Short Term Plan

Cyber Improvement

Drive immediate value to help with critical attack mitigation

Identity Modernization

Drive Digital Transformation through Identity modernization

What we'll cover in this tactical **1 day** workshop:

- Discuss your top business priorities and concerns
- Discuss your current Security and Identity posture at a high level
- Develop tactical improvement strategy – 2 Options:
  - **Critical Attack Mitigation** – help better protect against or detect threats
  - **Identity Modernization** – lay a foundation for digital business and cloud adoption
- Provide you with a documented set of recommended next steps for your consideration.

A **small** investment in time could mitigate against **significant loss** of data, credibility and downtime