

San Francisco | April 16-20 | Moscone Center

SESSION ID: STR-T07



#RSAC

Bret Arsenault

CVP and CISO Microsoft

Security world view







Opportunities

Globalization: more markets, customers, and business potential

Always-on access provides more productivity

Ability to analyze massive data sets at scale and speed

Scalable, cloud base storage: efficient, cost effective, and secure

Modern engineering: allows for more agility in building capabilities, features, and in responding to threats



Risks

Globalization can lead to "digital xenophobia"

More lucrative targets give rise to more dangerous threat actors

More surface area for attacks/exposure to harm, including supply chain

The client-to-cloud world requires a control shift (Identity is the new perimeter)

Leadership principles and practices





Create clarity

Synthesize the complex
Ensure shared understanding
Define a course of action

Generate energy

Inspire optimism, creativity, and growth

Create an environment where everyone does their best work

Build organizations that are stronger tomorrow than today

Deliver success

Drive innovation that people love

Be boundary-less in seeking solutions

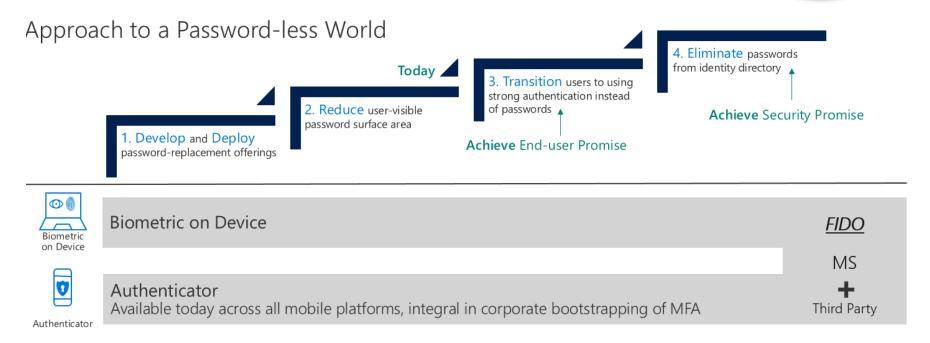
Tenaciously pursue the right outcomes

FY18 Digital security strategy

14 EPICS	All internet facing interfaces are compliant CSE&O meet General Data Protection Regulation (GDPR) obligations Onboard all CSE LOB Apps to SDL baseline requirements Tier1 Critical Services are Resilient	Eliminate passwords through multi-factor authentication Protect the Administrators Simplify provisioning, entitlements, and access management Evolve cloud secur	Evolve endpoint protection Only allow access from healthy devices Evolve phishing protection rity capabilities and operations ac	Build Operational Security Intelligence Platform and Service Detect threats through user behavior anomalies	All Microsoft data is Classified, Labeled and Protected
5 INVESTMENT PILLARS					
27 SERVICES	Business response and crisis management Compliance Enterprise business continuity management Enterprise Security Governance LOB security assurance Red Team Penetration Testing Risk management office Security incident Response Supply chain security assurance Insider threat	Administrator role services Authentication Certificate management Credential management Provisioning, entitlement management, and synchronization COLLABORATIVE SE Emerging technology state Security education and a	andards Special Purpose awareness Engineering	Security Intelligence Platform Security monitoring Threat intelligence Security Tools tion security assurance	Data loss prevention

Eliminate Passwords through strong and multifactor authentication







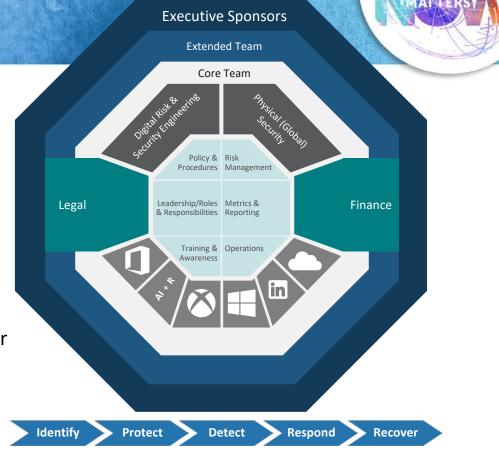
HOW WE MANAGE RISK

Security Governance

Information Risk Management Council

How do we manage enterprise risk?

The mission of the Information Risk Management Council (IRMC) program is to enable a risk-based approach for managing information security, physical security, and customer and employee privacy related matters.





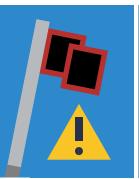
#RSAC

Our scope and principles



Early Warning

- Hurricane
- Snow storm
- Flood



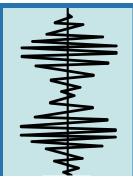
Unlawful Acts

- Cyber
- Workplace violence
- Terrorism
- Geo-political



No Warning

- Earthquake
- Technology disruption
- Supply chain disruption



Public Health

- Pandemic
- Epidemic
- Manmade (Antrhax)



Our Crisis Management Principles:

- Put life safety above all else
- Protect our customers
- Protect Microsoft

- Abide by all legal and contractual obligations for notification
- Communicate the facts often
- Prepare for the worst case scenario in a crisis event
- Recognize global impacts



APPLYING WHAT YOU'VE LEARNED

Apply What You Have Learned Today



Next week you should:

Recover from RSA

In the first three months following this presentation you should:

- Determine where and how you can simplify
- Identify your most important security priorities

Within six months you should:

- Begin implementing a plan to focus on your own priorities
- One example you could leverage—create a governance model to manage, plan, and navigate risk





THANK YOU