

# Today's Topics

- What are today's top cyber risks?
- What are the most recent threat trends targeting Microsoft?
- Where should you augment your Microsoft 365 security?
- How do you strengthen your Microsoft 365 defenses?

# Top Cyber Risks: All People Focused





Business Email Compromise losses exceed all other cybersecurity losses combined

Data for 791,790 incidents

76% of ransomware attacks start with email

— // paloalto research

95%

INVOLVE A HUMAN ELEMENT

Source: World Economic Forum, 2022

99% of data loss incidents are human-driven

proofpoint
 Data across 3,000 organizations

### **Business Built On Microsoft**



88%+

Market share for productivity software<sup>1</sup>

400M+

Total number of paid seats for Microsoft 365<sup>2</sup>

"Microsoft maintains the dominant offering for personal and team productivity applications with its M365 Suite."

GARTNER, 2023

### Bad Actors Exploit Microsoft's Success





# 68M+

Number of messages that abused Microsoft branding and products <sup>1</sup>

# 192M+

Malicious messages sent or hosted by Microsoft per year <sup>2</sup>

# \$4.75M

Average cost of data breach<sup>3</sup>

# What Industry Experts Recommend



Supplement native capabilities... with third-party security solutions.

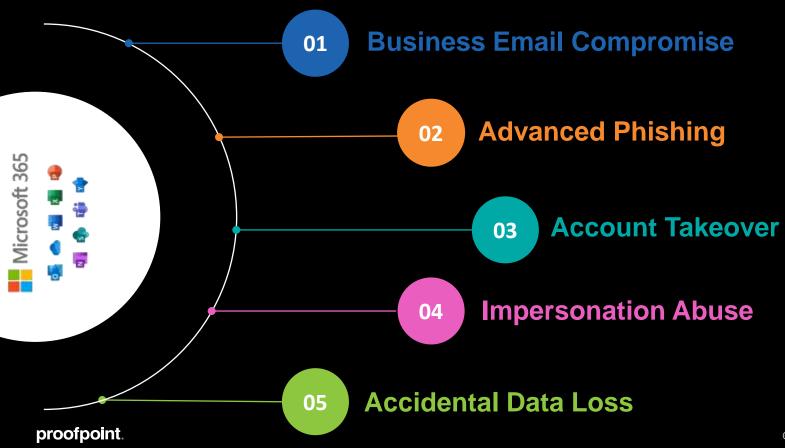
Gartner 2023

A multilayer approach to protection... provides greater efficacy and peace of mind.

- Forrester 2023

# Where To Augment Microsoft 365 Security





### Business Email Compromise: Losses Continue To Grow





\$2.9B

Business email compromise losses to victimized businesses in 2023 Steal email login credentials

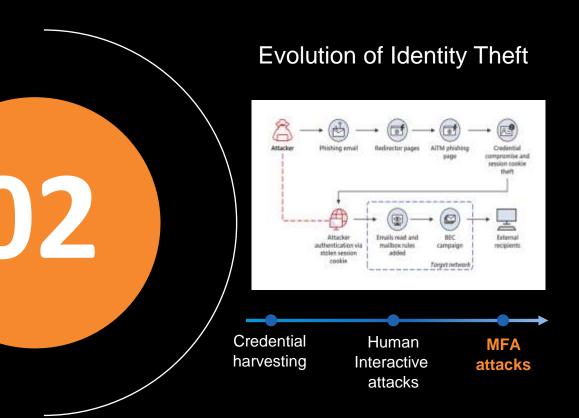
Purchase email login credentials

Phishing or vishing scams

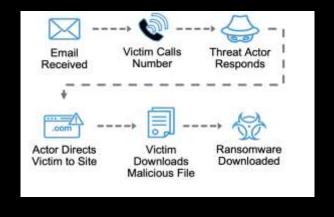
Automated brute force attacks

### Advanced Phishing: Threat Actors Innovate





#### **Evolution of Ransomware**



Single Stage

Loki WannaCry Multi-stage

lcedID-> MAZE NimzaLoader->Cobalt BazaLoader-→Ryuk Text-based TOAD Insider Targeting

### Account Takeover: Multi-faceted Tactics





95%

Of organizations are targeted for email account takeover

24%

Email account takeover resulted in sensitive data loss

30%

Multi-factor authentication failures in targeted email account takeover attacks

Bypass MFA protections

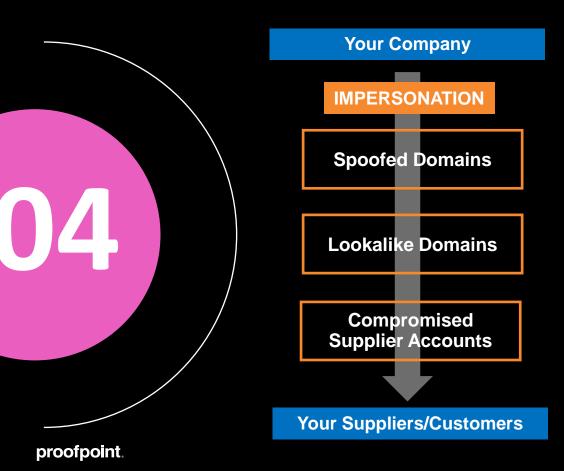
**Employ sophisticated phishing tactics** 

Exploit legitimate email infrastructure

Exploit third-party applications

### Impersonation Abuse: Business Communication is Critical





102

Times a CEO was spoofed on avg. over 90-day period<sup>1</sup>

> 90%

Last 30 days received threat from supplier domain<sup>2</sup>

\$50B

Total accumulated loss due to BEC since 2013<sup>3</sup>

### Accidental Data Loss: Never Have I Ever...

proofpoint.



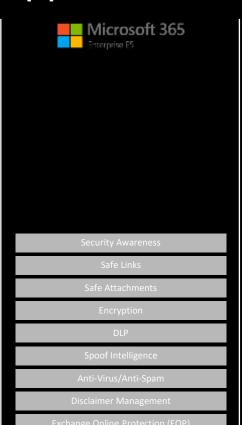


Sent work documents to an unauthorized account

# Defense-in-Depth Approach







### proofpoint.

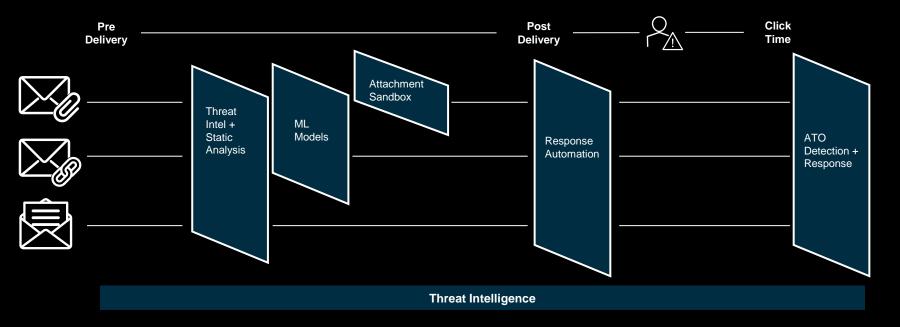
Email Fraud Detection
Accidental Data Loss
Business Email Compromise Detection
Predictive URL Analysis
Email Isolation
Threat Intel Insights
Very Attacked People Visibility
Supplier Risk Visibility
Security Awareness
Malicious URL Detection
Suspicious Attachment Detection
Encryption
Data Loss Prevention
Impostor Detection
Anti-Virus/Anti-Spam
Disclaimer Management
Protection on Demand (POD)

proofpoint.

### Microsoft Threat Detection

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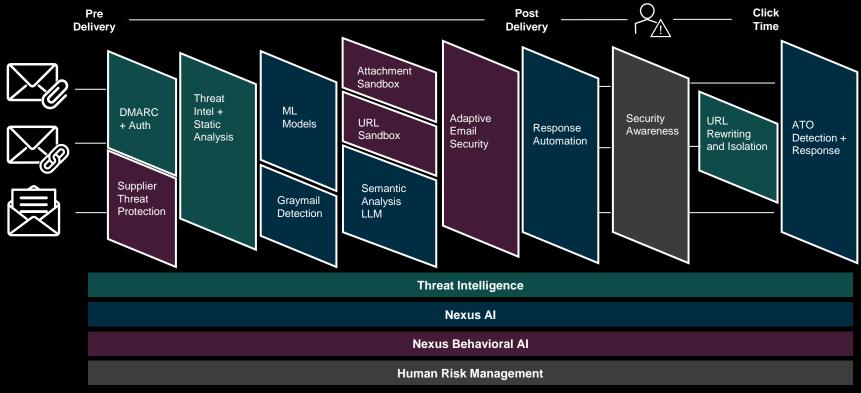
Disparate, Incomplete, and Inconsistent



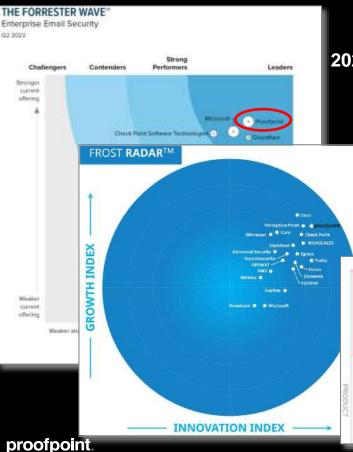
### **Proofpoint Threat Protection**

LEIN CENTRAL CENTRAL CYPER SECULATION

End-to-end, Complete, and Continuous



### Why Proofpoint?



2023 Forrester Wave

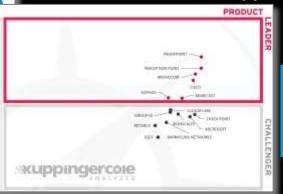
2024 Frost Radar

83 of Fortune 100

Trust Proofpoint to Augment M365

**More Secure Together** 

2023 Kuppingercole



Proofpoint is the ONLY vendor that delivers on ALL 5 areas for email security as an integrated platform

Gartner 2023

# Oroofpoint Protect People. Defend Data.

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