

Account Takeover

The hidden threat that turns trust against you

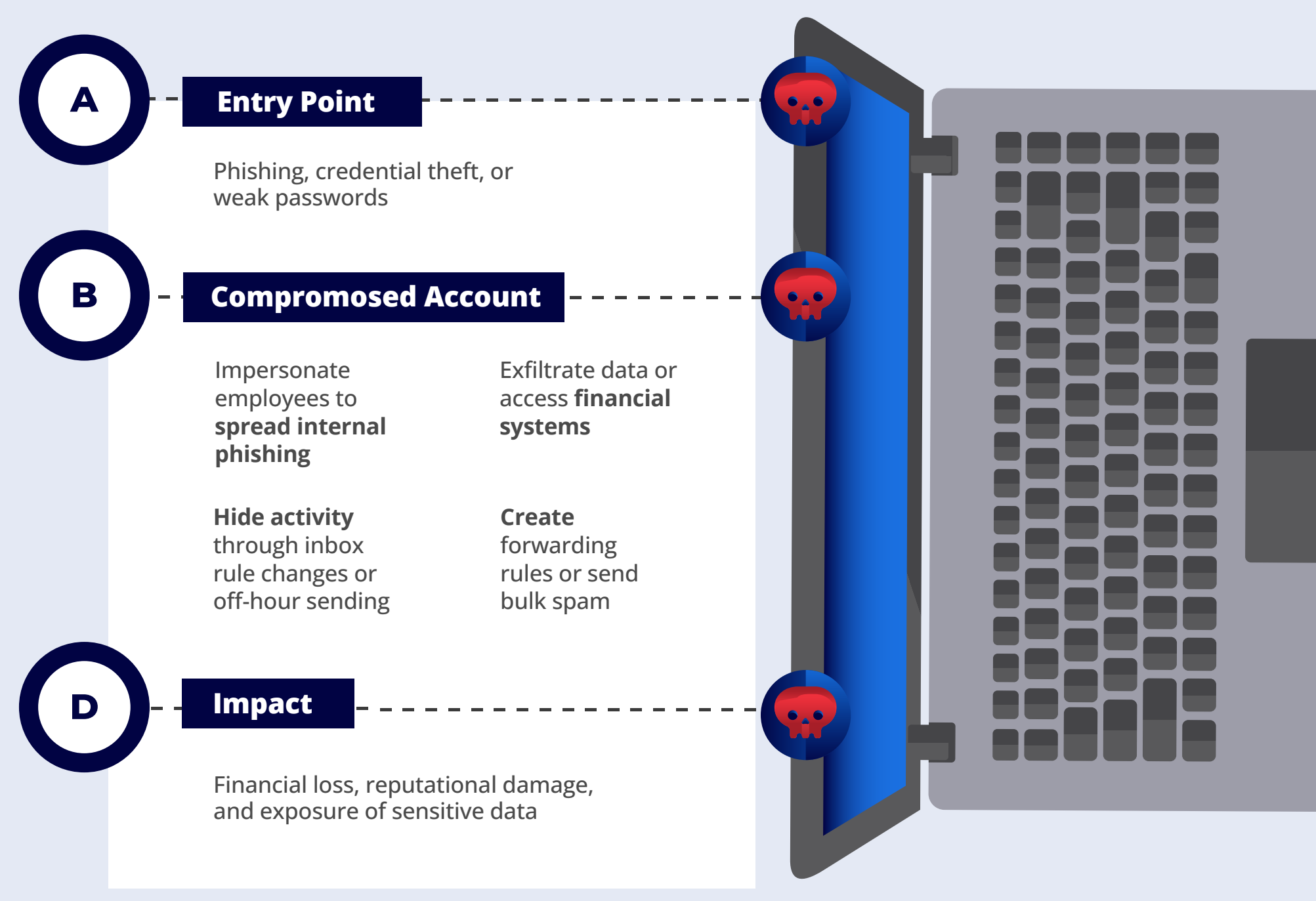
Protect your people and your perimeter

Account Takeover (ATO) is one of the fastest-growing cybersecurity threats. When attackers gain access to legitimate user accounts, they use that trust to move quietly. They can then spread malware, steal data, or launch fraud campaigns under your organization's name.

Mimecast's Account Takeover Protection gives security teams 360° visibility across pre- and post-compromise activity, helping detect and stop these threats faster.

How it Happens

Modern attacks exploit human behavior.



Mimecast's ATO Protection

Why it Matters & Results



24 Days

Average dwell time before detection (Verizon DBIR).
= **Faster** detection and reduced dwell **time**.



Human Risk Focus

Combines ATO alert with Mimecast's Human Risk Command Center for a full picture of user risk.
= **Stronger protection** across every inbox.

Included Protection

No extra cost for Critical, Advanced, and Premium plans.



Detect

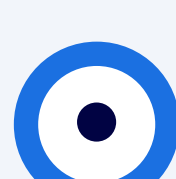
ATO monitors user behavior to identify **signals of compromise**.

- Outbound spam or malware detection
- Abnormal sending volumes or send times (like HR emails at 3 a.m.)
- Unusual login locations or concurrent sessions
- Suspicious mailbox rules or file access



Respond

When detected, **Mimecast automatically sends** email notifications, and alerts admins via the dashboard or SIEM/SOAR integrations.



Contain

We recommend **next steps**, from credential resets to pausing email flow.



Prevent

Pre-compromise detection will integrate identity data (e.g., EntraID, Okta) to help stop attacks before they start.

Powered by  **Mihra AI**

7x Faster

Attackers are using AI to make ATO and BEC attempts more convincing. Mimecast counters with Mihra™ AI, our intelligent investigation agent that accelerates detection and response up to 7x faster while identifying AI-generated phishing patterns before they spread.

Ready to Strengthen your Defenses?

Protect your users from attacks that hide in plain sight.

Mimecast Account Takeover Protection connects the dots between ATO, BEC, and AI-driven threats. We empower security teams to detect, respond, and prevent attacks before they spread. See how Account Takeover Protection can help you detect and stop threats faster before trust is exploited.

Read the ATO use case