



# Reducing the Risk of Account Takeover

Spanning Backup and Dark Web Monitoring  
for Office 365

# Today's Speakers



Dave Wallen  
Director of Product Marketing



Matt McDermott  
Director of Product Management  
Office 365 MVP

# Agenda

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Introduction to Spanning

Office 365 and Account Takeover Attacks

Reducing the risk of a successful ATO

Solution Demonstration

Questions and Discussion





Founded in

2010

Based in

Austin, TX

10,000+

Customers with 1.5M+ Seats

2.8 Billion+

Items protected each week

1.0 Billion+

Items recovered in 2019

# SPANNING

BACKUP FOR OFFICE 365

Front and back-end protection for mail, calendar, contacts, OneDrive & SharePoint

## PROTECT

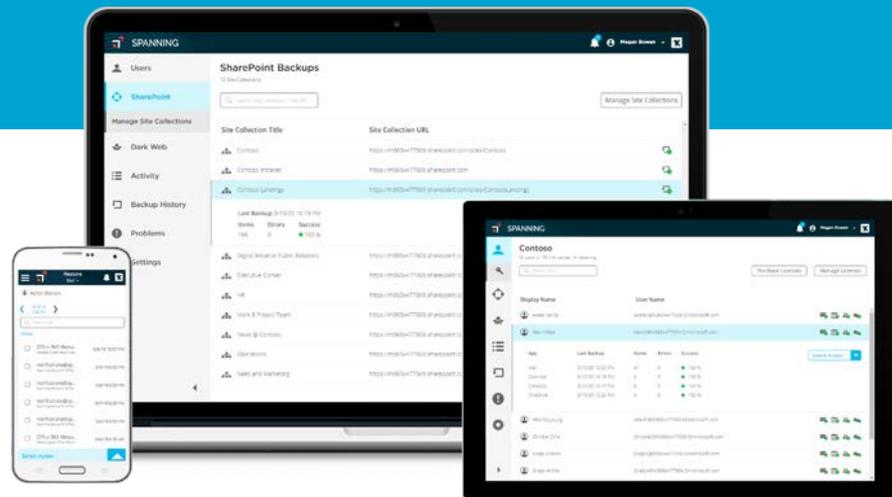
Protect your critical business data with automated and on-demand backups and Dark Web monitoring

## RECOVER

Recover data quickly and easily with self-service restore from any point-in-time backup for Office 365

## COMPLY

Comply with regulatory and legal controls for data protection and business continuity



# Microsoft only covers their mistakes

They won't fix yours

## Microsoft's responsibility

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- ✓ Hardware failure
- ✓ Software failure
- ✓ Natural disaster
- ✓ Power outage
- ✓ Delete requests

## Your Responsibility

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- Human mistakes
- Programmatic errors
- Malicious insider activity
- External hackers
- Ransomware & viruses

# Office 365 and Account Takeover Attacks

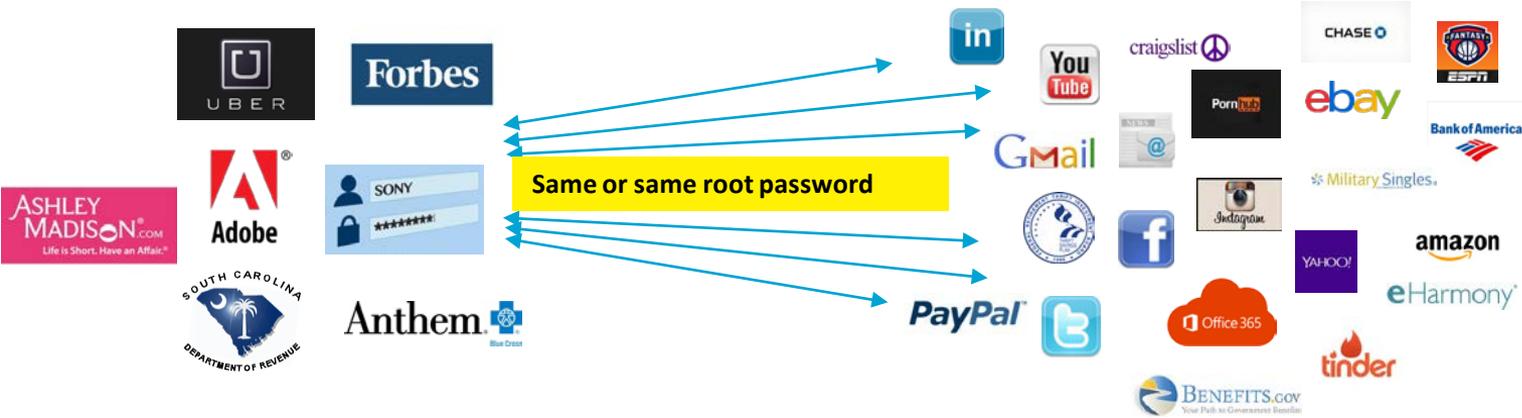
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Spanning Dark Web Monitoring

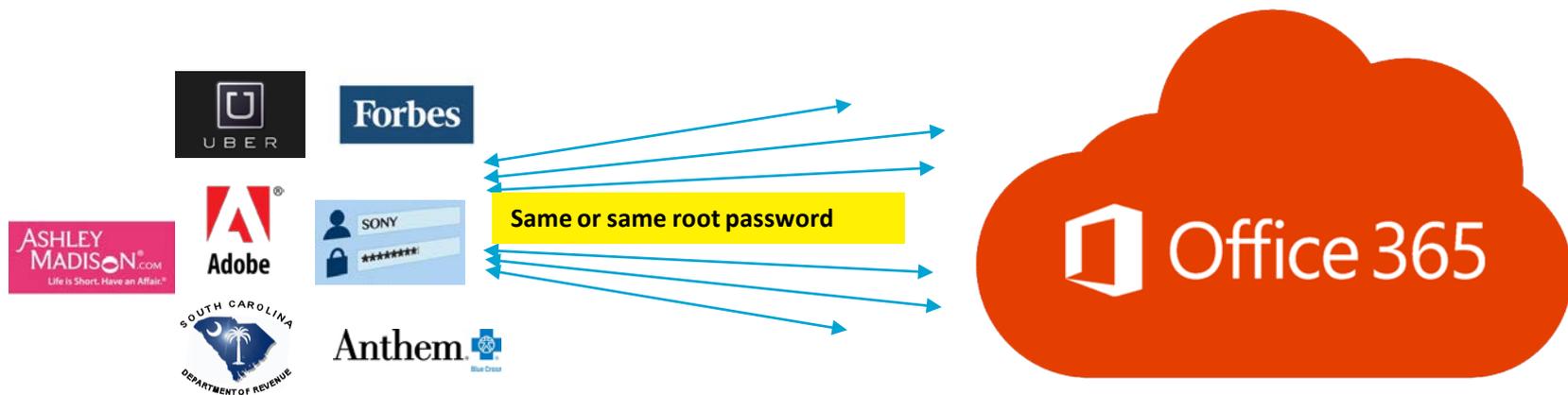


Account Takeover (or ATO) is a type of identity theft where a bad actor gains unauthorized access to an account belonging to someone else.

76% of people will use the same password for most, if not all, websites.



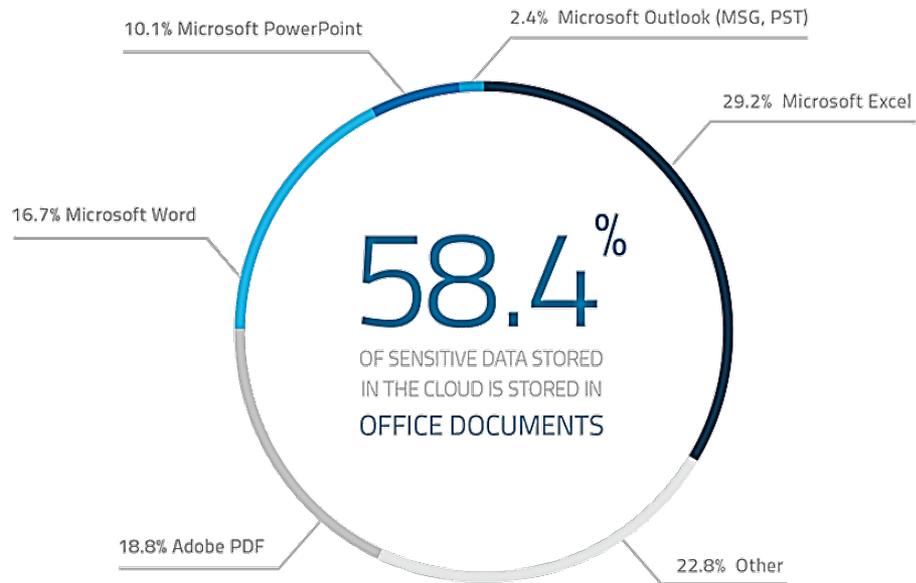
# Office 365 is no exception.



# It's not just email



-  **Calendar**  
Schedule and share meeting and e...
-  **Kaizala**  
A simple and secure mobile chat a...
-  **People**  
Organize your contact info for all ...
-  **PowerPoint**  
Design professional presentations.
-  **Teams**  
The customizable, chat-based tea...
-  **Yammer**  
Connect with coworkers and class...
-  **Delve**  
Get personal insights and relevant...
-  **MyAnalytics**  
Create better work habits with insl...
-  **Planner**  
Create plans, organize and assign ...
-  **SharePoint**  
Share and manage content, knowl...
-  **To Do**  
Manage, prioritize, and complete t...
-  **Dynamics 365**  
Break down the silos between you...
-  **OneDrive**  
Store, access, and share your files ...
-  **Power Apps**  
Build mobile and web apps with th...
-  **Stream**  
Share videos of classes, meetings, ...
-  **Video**  
Share videos of classes, meetings, ...
-  **Excel**  
Discover and connect to data, mo...
-  **OneNote**  
Capture and organize your notes a...
-  **Power Automate**  
Create workflows between your ap...
-  **Sway**  
Create and share interactive repor...
-  **Whiteboard**  
Ideate and collaborate on a freefo...
-  **Forms**  
Create surveys, quizzes, and polls ...
-  **Outlook**  
Business-class email through a ric...
-  **Power BI**  
Create actionable, dynamic, and e...
-  **Tasks**  
Create and manage tasks in Outlo...
-  **Word**  
Bring out your best writing.



# Office 365 Targeted

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// There are **over 300 million** fraudulent sign-in attempts to our cloud services every day. Cyberattacks aren't slowing down, and it's worth noting that many attacks have been successful without the use of advanced technology. All it takes is one compromised credential or one legacy application to cause a data breach.

Melanie Maynes Senior Product Marketing Manager,  
Microsoft Security

# 40%



of enterprises  
experienced  
Office 365  
credential theft.

Report: Cyren and Osterman Research



**+476%**

Increase in attacks  
on businesses

**14,000**

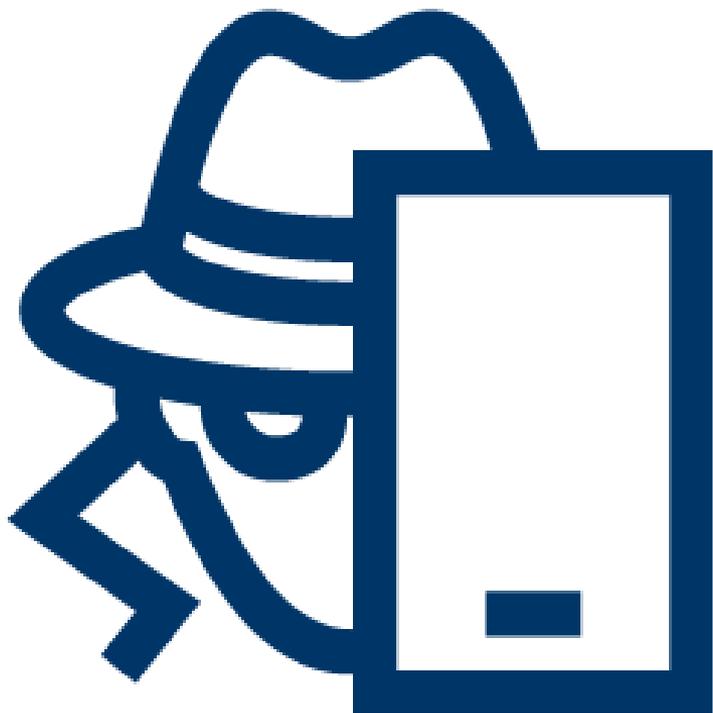
Email scams per year

**\$12B**

Cost to businesses



// 81% of confirmed data breaches in 2018 leveraged weak or stolen passwords.



// They bide their time to monitor email and track activity in the company, to maximize the chances of executing a successful attack.

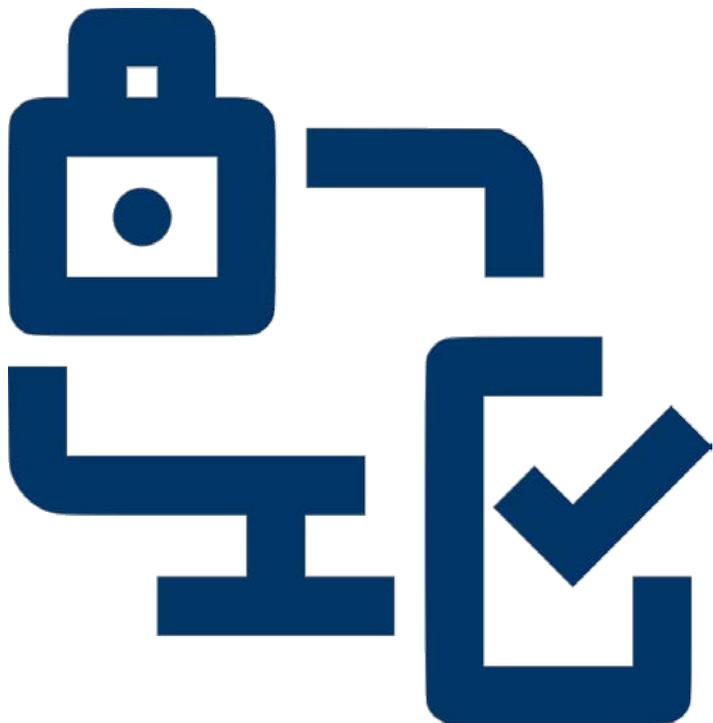


Steal IP, perpetrate business email compromise, gain access to financial accounts and commit other types of cyber fraud.

# Reducing your risks with Spanning

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Spanning Dark Web Monitoring

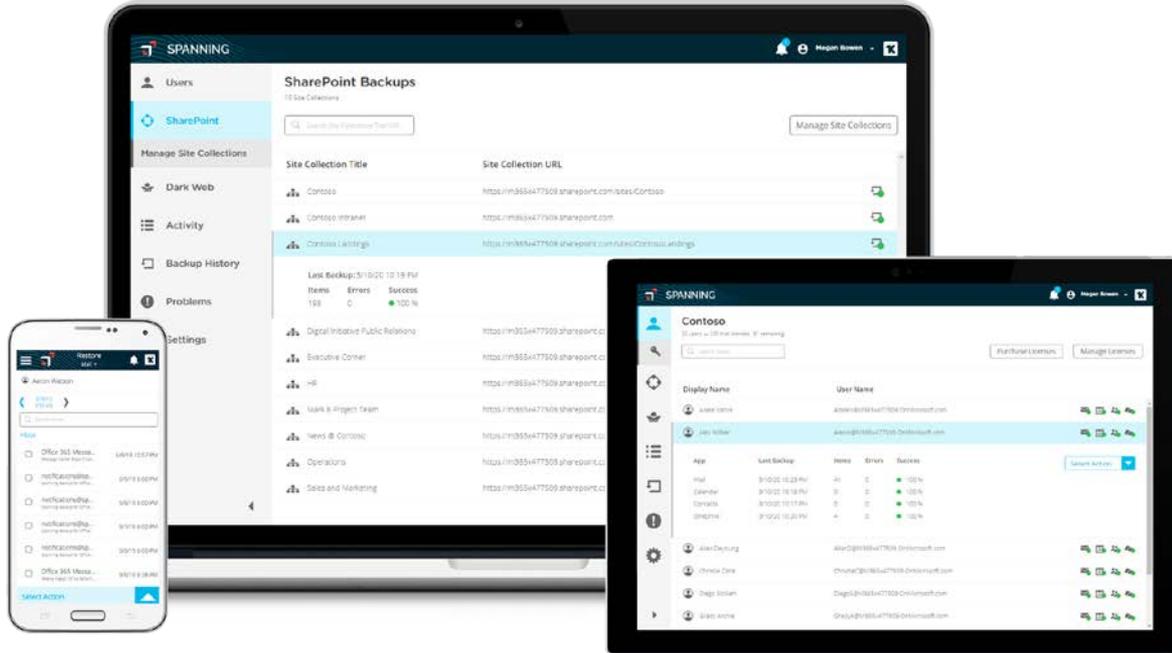


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Implementing multi-factor authentication is the most important action you can take to help prevent account takeover.

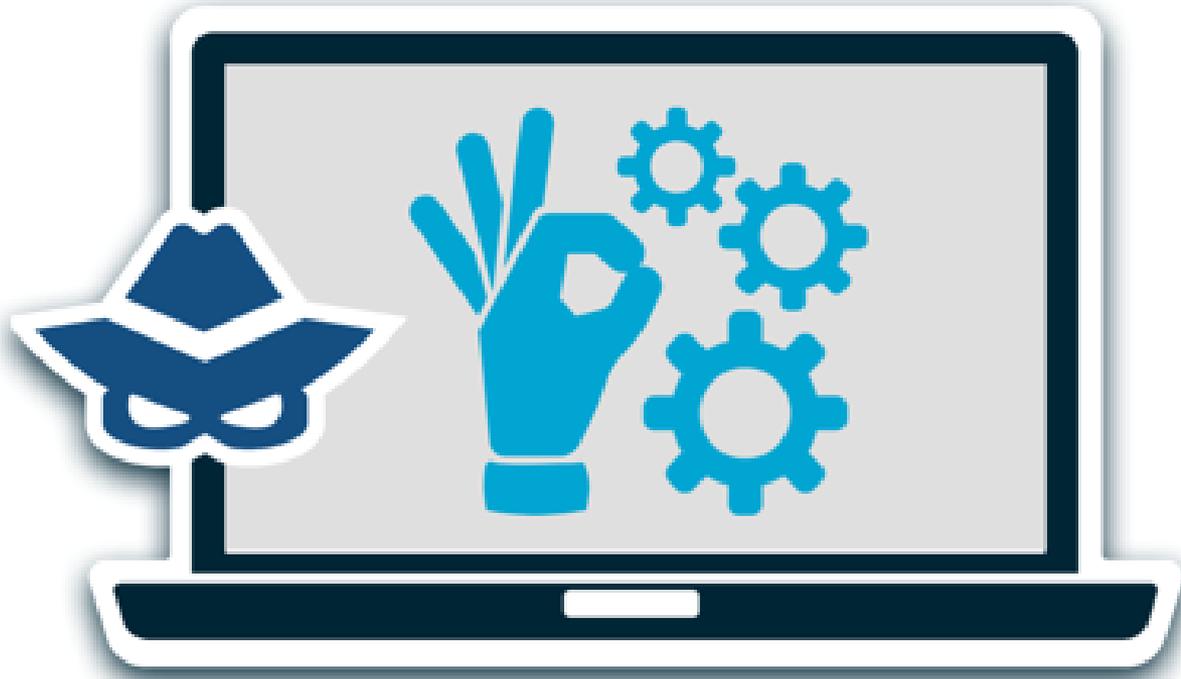
# Spanning Backup for Office 365

Now with Dark Web Monitoring for Office 365



# How we are different

Dark Web Monitoring for Office 365



# Industry-Leading Monitoring Platform

Dark Web Monitoring for Office 365



# Demonstration

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Spanning Dark Web Monitoring



# 01

## **Per Backup User Pricing**

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Dark Web Monitoring is priced per licensed Spanning Backup User

# 02

## **All Tenant Domains Monitored**

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Spanning will monitor all domains associated with your Office 365 tenant

# 03

## **Reporting on Any Domain Account**

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Reporting on *any* email address associated with your domains even if they are *not* licensed for Spanning Backup





## 50 Office Workers

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Licensed for Spanning Backup  
for Office 365



## 150 Warehouse Workers and Drivers

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Licensed for Office 365



## Coverage

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All 3 Domains  
All 200 Current Employees  
Plus any other account  
associated with those three  
domains

# Proactive Defense Against Account Takeover

Spanning Dark Web Monitoring for Office 365



**SPANNING** 🔔 👤 Megan Bowen 🗉

- Users
- SharePoint
- Dark Web**
- Activity
- Backup History
- Problems
- Settings

### Dog House Toys

Active — 30 Credentials Detected

Active	Date Found	User	Password Hit	Origin
🛡️	11/24/19	alexw@M365x477509.OnMicrosoft.com	\$P58m*****	Elasticsearch server breached containing profile infor...
✖	3/24/20	alina2@M365x477509.OnMicrosoft.com	\$P58m*****	Elasticsearch server breached containing profile infor...
✖	3/24/20	alina@M365x477509.OnMicrosoft.com	*4NF9*****	Elasticsearch server breached containing profile infor...
✖	10/27/19	bradh@M365x477509.OnMicrosoft.com		canva.com
✖	10/27/19	byronsm@M365x477509.OnMicrosoft.com		canva.com
🛡️	11/24/19	cameronw@M365x477509.OnMicrosof...	*14NF*****	Elasticsearch server breached containing profile infor...
✖	11/28/19	cheyenes@M365x477509.OnMicrosoft...		sharethis.com - content management plugins
✖	10/27/19	cooper@M365x477509.OnMicrosoft.c...		canva.com
✖	10/27/19	davew@M365x477509.OnMicrosoft.com		canva.com
✖	6/14/18	erics@M365x477509.OnMicrosoft.com		bitly.com
📄	11/28/19	gerhartm@M365x477509.OnMicrosoft...	asctfg*****	sharethis.com - content management plugins
✖	10/27/19	hankwheeler@M365x477509.OnMicros...		canva.com

# Questions?

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Spanning Dark Web Monitoring for Office 365

# Ready to activate Dark Web Monitoring?



**Current Spanning customers** - Reach out to your account manager!

**Not currently a Spanning customer** - Follow the below link to get started!

<https://spanning.com/dark-web-monitoring-new-customers/>

## Upcoming Webinar

The Business Case for Office 365 and G Suite Backup

Wednesday, April 15, 2020 @ 10:00 AM EDT | 9:00 AM CDT