



CLOUD



CYBER SECURITY



EDGE



EST. **2017**

C2 TEAM **200+**

M365 SEATS **300k+**

CUSTOMERS **6000+**

DESIGNATIONS **10+**



- Public Sector
- Amazon Direct Connect Delivery

Microsoft
Solutions Partner

Digital & App Innovation
Azure

Microsoft
Solutions Partner

Data & AI
Azure

Microsoft
Solutions Partner

Security

Microsoft
Solutions Partner

Modern Work

Specialist
Calling for Microsoft Teams

Microsoft
Solutions Partner

Infrastructure
Azure

Specialist
Networking Services



QUALIFICATIONS



56



15



9



12



8



19



72



381



14



2

Titanium

vs native Microsoft tooling



	Microsoft	Titanium
Access	Admin-Only	Role-based and read-only
View	Multiple sub portals	Single pane of glass
Data	No tag	AI Tagging engine
Optimisation	No Optimisation	11 savings categories*
Forecasting	None	EA Forecasting and Planning modules
Operations	Admin only, many screens, many products, slow clicks	Extensive alert engine Multi users licence update
Governance & Security	Only with specific subscriptions	Adoption and governance visibility MFA and Nested Groups

*Saving Categories

- ✓ Disabled accounts
- ✓ Inactive Users
- ✓ Shared Mailboxes
- ✓ Inactive Audio Conf
- ✓ OneDrive Only
- ✓ Inactive Call Plans
- ✓ SQL Optimisation
- ✓ External users
- ✓ Site Usage
- ✓ Inactive Project Licences
- ✓ Inactive Visio Licences
- ✓ OneDrive / SP Storage

Company Profile

Account Summary

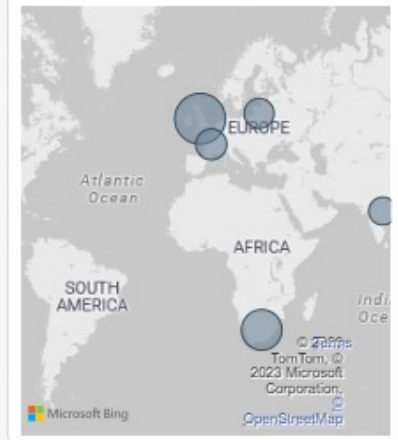
Account Category	Total Users	Enabled Users	Disabled Users	Total Licensed	Active < 30 Days
Internal User	516	440	376	111	168
Total	516	440	376	111	168

Top 10 Internal Domains by Enabled User Account



Profile

Regional Account Distribution





Number of Unique Job Titles
71



Number of Unique External Domains
2



Defined Countries by Smart Tag
7

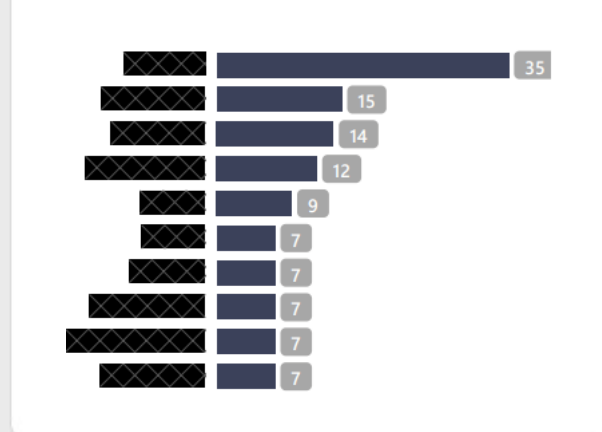


Domains used for Email Communication
1



Cost Per Licensed Account
\$74.13

Top 10 External Domains by Enabled User Account



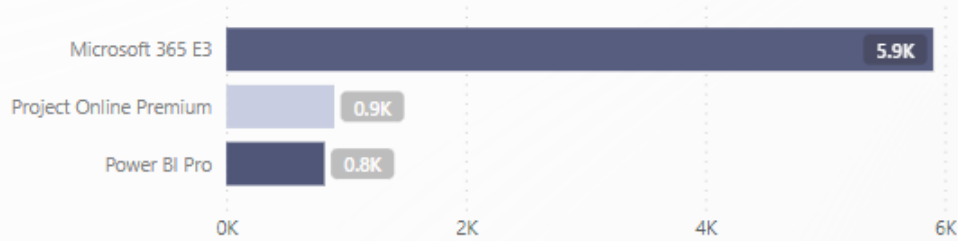
Licensing Dashboard



Total **License Commitment** is **\$8.23K** per month across **34** licensed products.

The top license spend is on **Microsoft 365 E3**

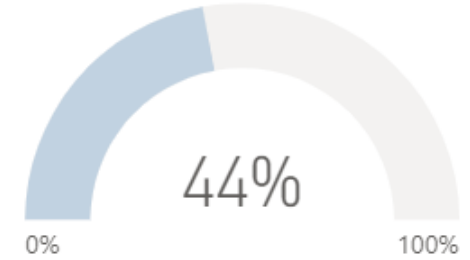
License Spend (top 3)



44% of the total spend is assigned to accounts, with **\$4,629** still available for allocation (**56%**)

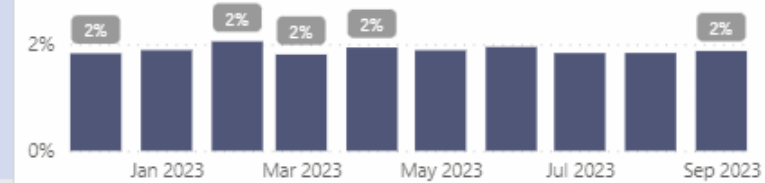
111 accounts are **assigned Office 365 licenses** (enabled or disabled accounts). Of these **49** accounts (**44%**) have been active in the last 30 days with application or account activity.

% Active Users Assigned Licenses



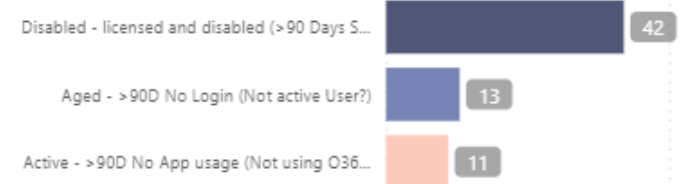
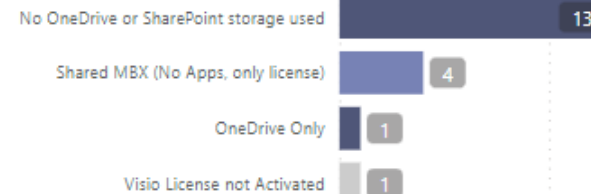
Average Licensing Cost of assigned licenses is **\$32.43** per Account with an **Office 365** license.

% License Available (not Consumed) (based on last day of month)



10 (9%) accounts should be reviewed as may be able to change assigned licenses based on account **Usage Patterns**. Do accounts have the correct license?

62 (56%) accounts should be reviewed to confirm their license requirement. Should licenses be removed due to **Inactivity?**



Optimisation Recommendations



Spend Reduction:
62% to 73%

Saves Summary - Estimated per Year Savings range between:
\$61,356 (\$5,113 Month) and **\$71,781 (\$5,982 Month)**.
(Lower figure based on 90% of not allocated, 70% of Aged, and 50% of usage categories)

\$8,229

O365 License Investment (Month)

\$4,629 of total license spend can be attributed to **Unassigned Licenses** . (195 Licenses with costs associated)

License SKU Name	Purchase Cost	Item Cost (Month) (Effective)	Item Cost (Month) Current Year	purchased	consumed	available	Unassigned License Value (Month) (NF)
Azure Active Directory Premium P2	81	7		11	11	0	1E-14
Business Voice		0		0	0	0	0
Communications Creditis		0		10 000 000	1	9 999 999	0
Dynamics 365 Customer Engagement Plan		0		55	7	48	0
Dynamics 365 Customer Service Insights Trial		0		10 000	1	9 999	0
Dynamics 365 Customer Voice Trial		0		1 000 000	0	1 000 000	0
Total	8 229						4 629

\$4,629

High Unassigned License Value (Month)

Detail

\$4,166

Low - Unassigned License Value (Month) (HC 10% Variance)

\$1,353

High - All Consumed Unused (Aging Categories (not Active))

Detail no SKU

Detail plus SKU

\$947

Low- All Consumed Unused (Aging Categories (not Active)) (HC 30% Variance)

License SKU Name

All

A Total of **\$1,353** in **Aged and Inactive Accounts**. This relates to **62** Accounts and **94** Licenses

Account Categories	Number of Accounts	Inactive Accounts with Licenses	Cost (Aging Categories (not Active))
Unused - Licensed Account, never used (>90D Since Creation)	2	2	\$59
Unlicensed Account - never used		0	
Unlicensed Account - >90D No Login (Not active User?)		0	
Unlicensed Account - <90D Last Login (Active User)		0	
Disabled - Unlicensed and disabled		0	
Disabled - licensed and disabled (>90 Days Since Creation)	42	29	\$595
Disabled - licensed and disabled (<90 Days Since Creation)	2	2	\$30
Total	94	62	\$1,353

Account Categories

All

AI Smart Tagging Engine



Smart Tag Category

Line of Business

License SKU

All

[Click to view the detailed account categories with descriptions](#)

Total Accounts

userPrincipalName
0064e628086ec2e20a58cd106bdf3d70cdc31e96
016c9585f5ab6549777c6c79cb967a21bb8716b0
0271cd5cfc9f13405d8f8339f5108bf0c301ccbc
027b911d6eb2cc8812a5c28fff53480fdabc26c
0799be52d626eed571fe4aeabb8934542c0d1dbd
080b5496969e44994a597b2edeb338e459230f895
0850ea91ec2a8801b8f2d8b61879ca25474dde49
0a09315ce342d0241c3eca3f55409cdc36c3f6ad
0b2002209946e6db68fb14e5f0d141ed4b40af53
0b7960dc185b5fe6b5cba050fe21d2573aff4bbb
0cd288e96dd249f3092fe59c7988249292d568cc
0ce98baefcec2435b0e8740d3b324044cec3d9f8
0d01721170d67d23b357e7358651992b90180055
0dd5526261a9eaf9d45d89bc372292ed8ddd908f
0e885eb5a0d01b313745b5fe202986d2183bbe44
0f657443ff216d528012c9b8b2865da2f64d0d69
10e0261a34e293b35be8970bad2ba10e1be1dc59
114569ecc7194845c69159603db5e3ef7b695d4b
1190796c2d6c74622cc020cc37abc444dd9099b
11fc2bca774efbd2cbbc6ea7fa3a75e392f6460f
Total

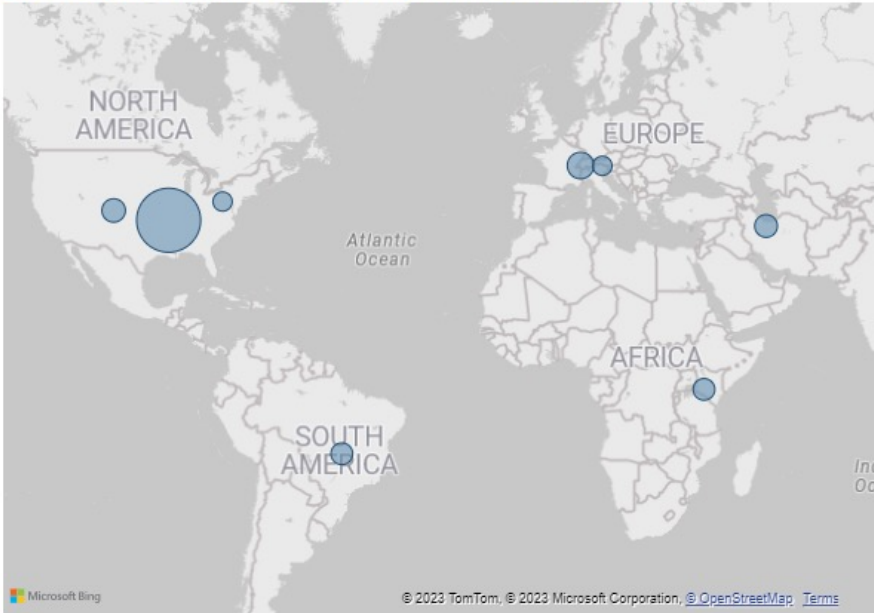
Account and License Optimisation Categories

Account and License Categories for Potential Optimisation	Accounts	Assigned 0365 License Count	Assigned License Total Cost (Month)	Assigned License Total Cost (Year)	% of Total License Cost	
<input type="checkbox"/> Active - licensed with Recent Account & Product Used		49	202	2 247.13	26 965.56	62.4%
<input type="checkbox"/> Disabled - licensed and disabled (>90 Days Since Creation)		29	42	595.32	7 143.84	16.5%
<input type="checkbox"/> Aged - >90D No Login (Not active User?)		10	13	259.12	3 109.44	7.2%
<input type="checkbox"/> Active - >90D No App usage (Not using O365 Products?)		4	11	127.92	1 535.04	3.6%
<input type="checkbox"/> Active - 45-89D No App usage (Not using O365 Products?)		2	7	92.66	1 111.92	2.6%
<input type="checkbox"/> Active - Licensed with Recent Account usage, no Product Used		9	10	71.34	856.08	2.0%
<input type="checkbox"/> Aged - 30-44D No Login (Not active User?)		2	4	59.04	708.48	1.6%
Total		379	296	3 600.13	43 201.56	100.0%

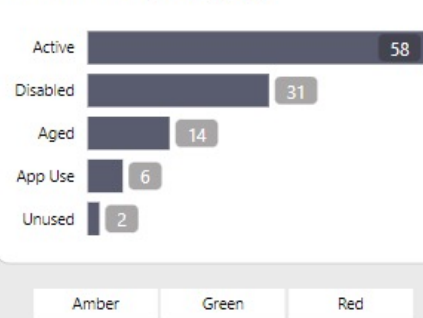
Assigned License Cost

SKU	Assigned Cost
Microsoft 365 E3	2 509
Power BI Pro	353
Project Online Premium	316
Skype for Business PSTN Domestic and International Calling	138
Visio Online Plan 2	86
Azure Active Directory Premium P2	81
Microsoft Teams Phone Standard	59
Microsoft 365 E5	47
Microsoft 365 E5 Security	10
Microsoft 365 Audio Conferencing	2
Communications	0
Total	3 600

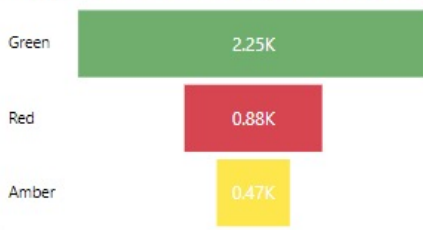
Count of Users, License Status Distribution and Cost by Smart Tag



Accounts by Category



Assigned License Cost by License RAG



Product Usage



Outlook

26 246

Email Receive Count

18 597

Email Send Count



OneDrive

7 975

OneDrive Storage (GB)

296

OneDrive Avg. ActiveFileCount



Apps for Enterprise

35

Accounts With Apps for Enterprise Activations (All Time)



Teams

1 722

Teams Meeting Count

1 303

Teams Call Count



SharePoint

22 178

SharePoint File Count

200

SharePoint Active File Count

Product Adoption (Country) - Previous Month (Top 10)

TAG-Country	Users with assigned M365 Licenses (Y/N)	Total Apps for Enterprise Activations (All Time)	Avg. Email Receive Count per Active User (Per Day)	Avg. Email Send Count per Active User (Per Day)	Active Email User	Avg. OneDrive Storage per Active OneDrive User	OneDrive Avg. Active File Count per Active User (Per Day)	OneDrive Avg. FileCount per Active OneDrive User	SharePoint Page View Count Avg. per Active SharePoint Site	SharePoint Active File Count Avg. per Active SharePoint Site	SharePoint File Count Avg. per Active SharePoint Site	Teams CallCount per Active Teams User (Per Day)	Teams Meeting Count per Active Teams User (Per Day)	Teams Private Chat Message Count per Active Teams User (Per Day)
United States	3	0	16	4.9	3	4	4	85	0	0	0	1.1	2.2	10
Japan	1	5	27	5.2	1	12	2	745	4	2	2	0.4	2.1	15
France	1	6	19	11.1	1	12	4	1 546	0	0	0	0.6	2.0	7
South Africa	10	25	14	2.2	7	59	4	3 799	25	4	449	1.1	1.6	15
United Kingdom	38	59	25	7.7	21	18	6	4 522	23	5	518	1.5	1.6	15
not defined	20	9	8	47.9	8	341	47	31 385	0	0	0	0.7	1.1	10
India	2	3	41	4.5	1	16	2	23 888	0	0	0	0.5	0.9	20
Lithuania	5	12	9	0.8	4	1	1	43 525	15	2	122	0.2	0.4	10
Total	80	119	18	13.0	46	50	9	9 190	23	5	483	1.1	1.5	13

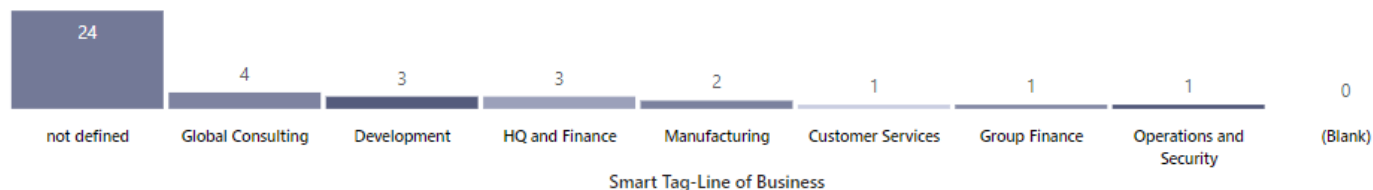
Product usage - Teams



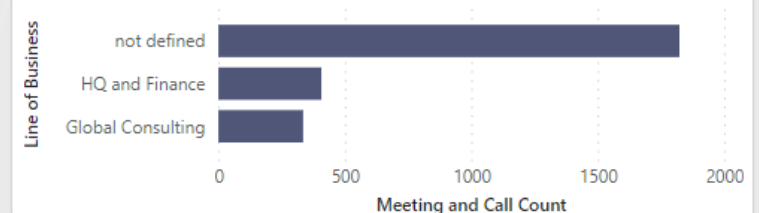
Teams Statistics... a Total of **39** Active Teams Users in the Previous Month

Smart Tag - Line of Business	Active Teams User (Previous Month)	Teams Call Count (Previous Month)	Teams Call Count per Active Teams User (Previous Month)	Teams Call Count per Active Teams User (Per Day / Previous Month)	Teams Meeting Count (Previous Month)	Teams Meeting Count per Active Teams User (Previous Month)	Teams Meeting Count per Active Teams User (Per Day / Previous Month)	Teams Private Chat Message Count (Previous Month)	Teams Private Chat Message Count per Active Teams User (Previous Month)	Teams Private Chat Message Count per Active Teams User (Per Day / Previous Month)	Teams Team Chat Message Count (Previous Month)	Teams Team Chat Message Count per Active Teams User (Previous Month)	Teams Team Chat Message Count per Active Teams User (Per Day / Previous Month)
Customer Services	1	111	111	3.6	105	105	3.4	1 449	1 449.00	47	1	1.00	0.03
HQ and Finance	3	158	53	1.7	249	83	2.7	2 011	670.33	22	0	0.00	0.00
Group Finance	1	75	75	2.4	25	25	0.8	645	645.00	21	1	1.00	0.03
Development	3	19	6	0.2	41	14	0.4	1 164	388.00	13	0	0.00	0.00
not defined	24	780	33	1.0	1 043	43	1.4	8 834	368.08	12	30	1.25	0.04
Global Consulting	4	115	29	0.9	220	55	1.8	1 448	362.00	12	9	2.25	0.07
Manufacturing	2	50	25	0.8	77	39	1.2	232	116.00	4	3	1.50	0.05
Operations and	1	1	1	0.0	9	9	0.3	61	61.00	2	0	0.00	0.00
	0	0	0	0.0	0	0	0.0	0	0.00	0	0	0.00	NaN
Contact Centre Services		0	0	0.0	0	0	0.0						
Transport		0	0	0.0	0	0	0.0						
Total	39	1 309	34	1.1	1 769	45	1.5	15 844	406.26	13	44	1.13	0.04

Lines of Business by Active Teams Accounts and highlighting highest Meeting and Call count



Top 3 by Call & Meeting



Endpoint Summary

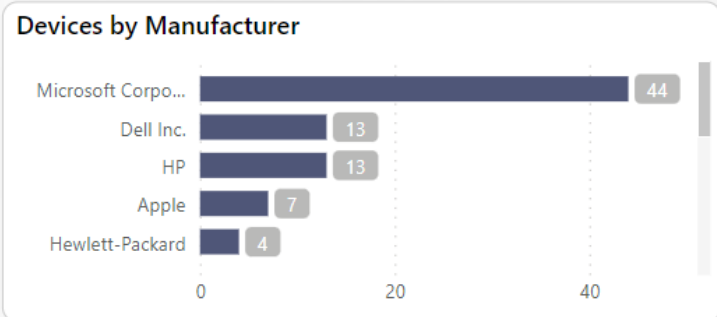
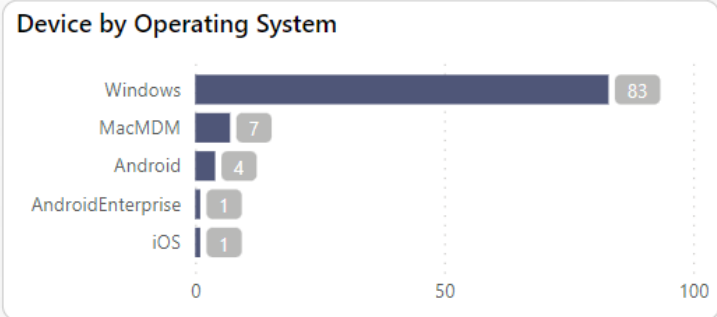
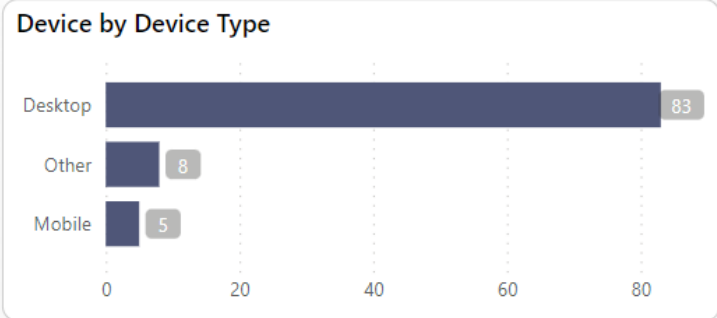


101

Total Devices

42

Devices (<30D)



Drill through on visuals for detailed device information

Trust Type by Device (Highlighting on-premises' Sync Enabled). ServerAD represents on-premises' devices

Trust Type	Count
AzureAd	69
Workplace	24
ServerAd	2

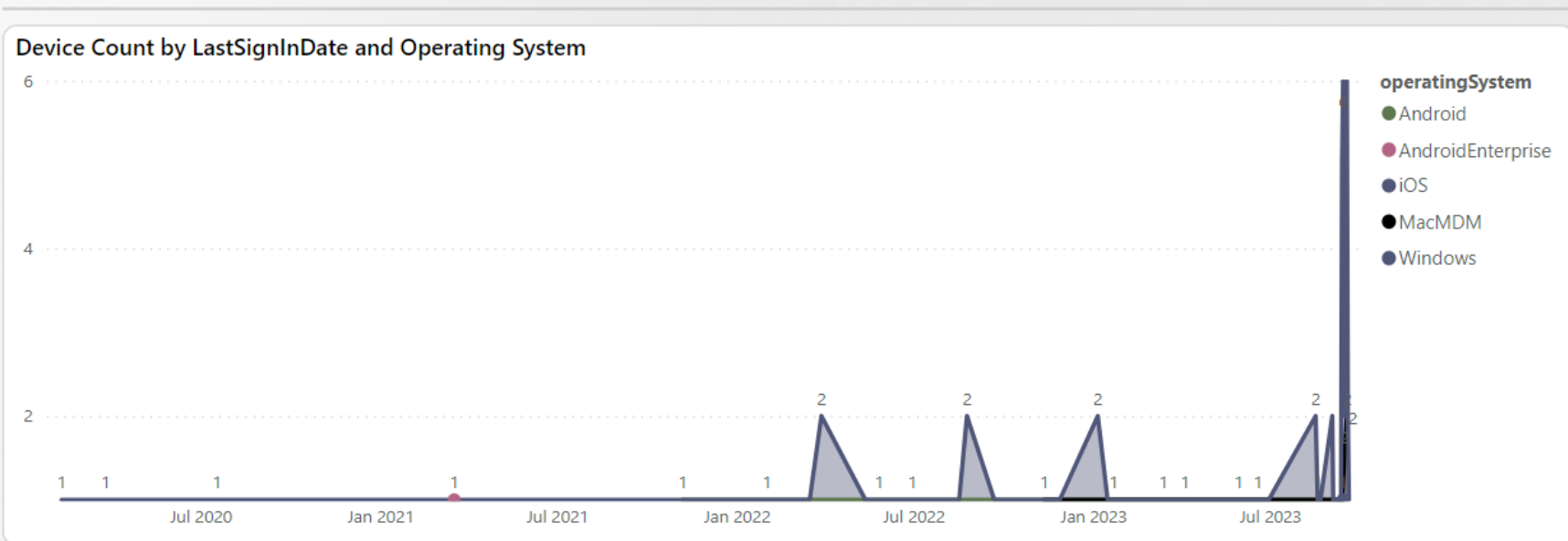
On-Premises' Sync Enabled

Sync Status	Count	Percentage
true	2	2.1%
(Blank)	95	97.9%

Device Compliance

Compliant ● is Compliant ● not Compliant

Operating System	is Compliant	not Compliant
Windows	31	57
MacMDM	3	4
Android	3	0
AndroidEnterprise	0	0
iOS	0	0

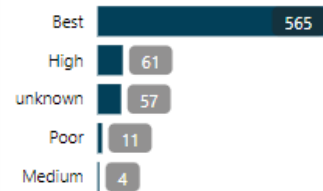
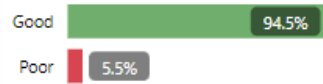


Calling Details



697

Teams Meetings



Count of Participants

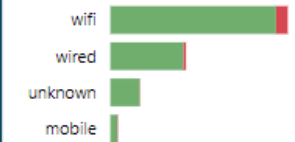
Organiser - Call Summary

organizer	Internal or External	Meetings (% Poor)	Call Count	Duration	Average Bandwidth Estimate mb	Average Audio Network Jitter Ms	Max Audio Network Jitter Ms	Average Jitter Ms	Max Jitter Ms	Average Packet Loss Rate	Max Packet Loss Rate	AVG RTT Ms
[]	Internal											
[]	External		11	116	112.38	8	2 102.00	2.25	91	0.00	0.95	22.44
[] Aa*****	External	10.0%	10	254	50.46	12	284.00	3.00	27	0.00	0.53	21.35
[] Ag*****	External		1	35	11.16	11	28.50	2.50	5	0.00	0.00	43.00
[] Am*****	External		1	16	2.47	6	17.50	1.00	4	0.00	0.00	45.00
[] An*****	External		2	17	8.85	15	104.00	3.50	14	0.00	0.01	128.50
[] AQ****	External	100.0%	1	58	11.53	17	214.00	5.00	18	0.00	0.05	412.50
[] Ay*****	External		1	30	12.37	7	33.00	2.00	9	0.00	0.00	114.00
Total		5.5%	697	19122								

Participant - Call Summary

Participant	Internal or External	Meetings % (Lower Quality)	Call Count	Duration	Average Bandwidth Estimate mb	Average Audio Network Jitter Ms	Max Audio Network Jitter Ms	Average Jitter Ms	Max Jitter Ms	Average Packet Loss Rate	Max Packet Loss Rate	AVG RTT Ms
[]	External		56	473	405.89	13	2 102	2.36	91	0.00	0.95	21.13
[] Aa*****	External		19	241	62.19	13	234	3.34	20	0.00	0.30	28.05
[] Ab*****	External		1	54	NaN	138	690	1.00	9	0.00	0.00	207.00

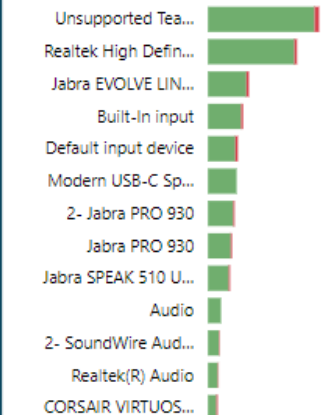
Call Q... Good Poor



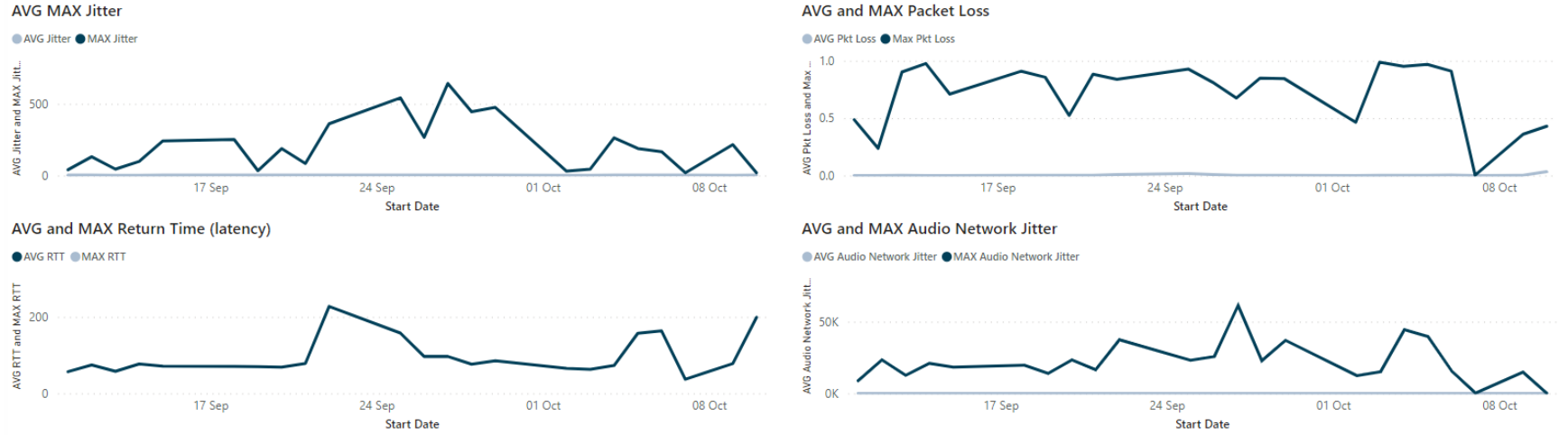
Device Display Name

All

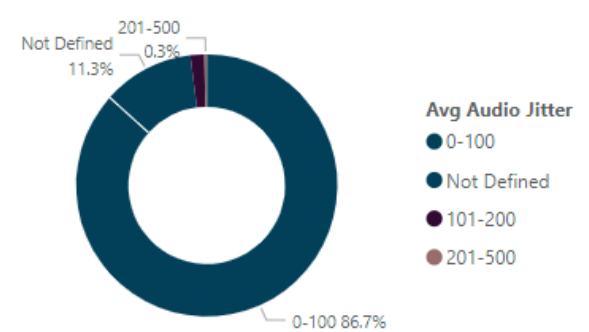
Call Q... Good Poor



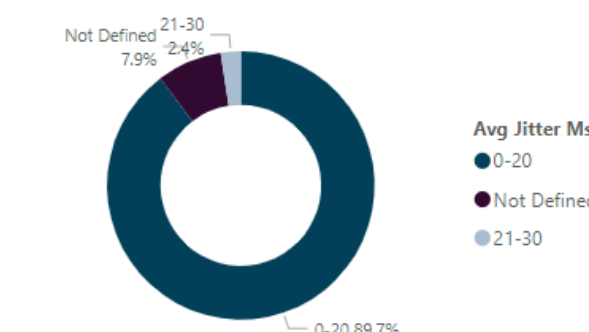
Calling performance



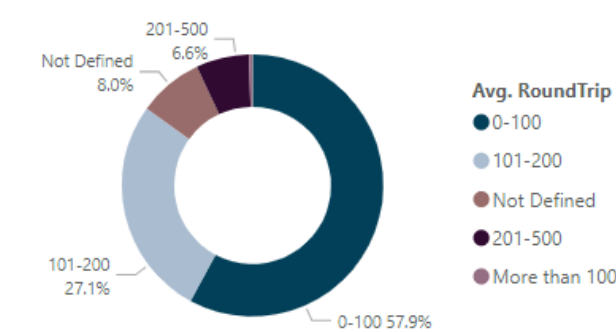
Calls by Avg Audio Jitter



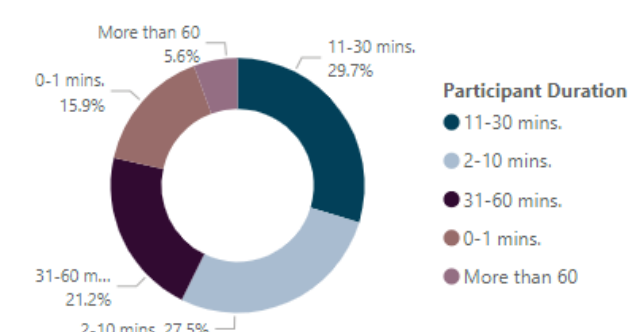
No. of Call by Avg Jitter Ms



No. of Call by Avg. RoundTrip



No. of Call by Participant Duration



Security at a Glance



Managing Identities (Accounts)

59%

440 enabled internal accounts

516
Total AD User Accounts

2%
Licensed accounts with red RAG

(Blank)
% External Accounts

(Blank)
% Machine Accounts

Authentication Methods

60%
Accounts with MFA Enabled

0%
Accounts Excluded From MFA

309
Accounts with MFA Enabled

0
Accounts Excluded From MFA

Top **Authentication Method** is **softwareOneTimePasscode**, used by **73%** of accounts. **76%** use multiple authentication methods

Administrative Accounts

385

Shadow IT - Cloud apps

Admin roles **(Blank)** not active in 30 Days

92 MCAS Enabled Accounts 216 accounts using cloud apps

12 Total admin accounts (enabled and disabled), 3 without MFA, 3 Global Admin 0 without MFA

Conditional Access Policies

24

Policies

107 236 906
Policy Applications on Signin

29
Days of activity

54.4K Policy Failure Events

Insider Threat and Data Leakage

431K documents in **SharePoint** and **OneDrive**

99%

% Total Files Inactive in 30 Days

99%
OneDrive % Files Inactive

99%
SharePoint % Files Inactive

% Sharepoint Sites Inactive (30D)



External Files

3

Files Shared Externally

OneDrive files shared externally **1**, shared Internally **175**. viewed or edited **692** (30 days)

SharePoint files shared externally **2**, shared Internally **107**, viewed or edited **1 926** (30 days)

Managing Devices - Threat Protection

0%

Mobile App Devices / Users Not Managed by Policy

340
Devices All (context All)

109
Devices Active 180 Days

44
Intune Managed (Active 30 days)

226
Devices Stale (> 180 days no activity)

66%

% Stale Devices

Security Logs

118

Total Threats

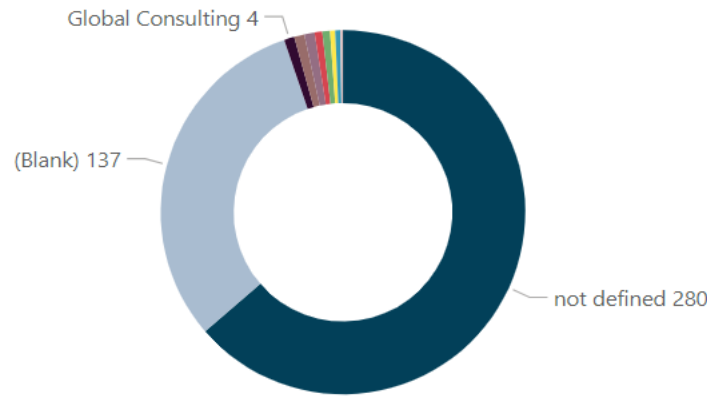
Security Center logs collected for **40** days with **118** events logged, the highest category being **Multiple failed user log on attempts to an app**

Security at a Glance - MFA

MFA Status

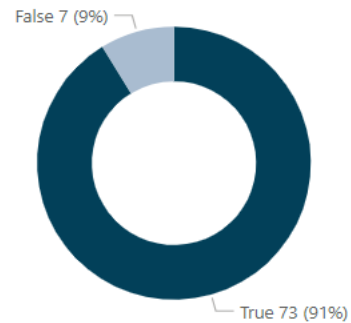
System Tag Country	False	True	Total
	51	86	137
France		9	9
India		4	4
Japan		1	1
Lithuania		6	6
not defined	74	63	137
South Africa	2	34	36
United Kingdom	1	88	89
United States	3	18	21
Total	131	309	440

MFA Enabled Accounts by Line of Business

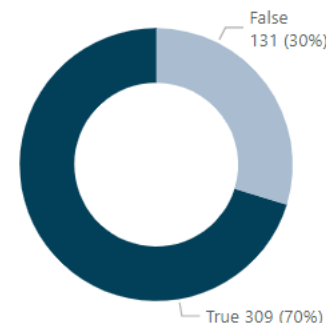


70% (309) of 440 enabled accounts are protected by Multi-Factor Authentication (MFA)

MFA Enabled (Licensed Accounts)



MFA Enabled (Enabled Accounts)



Internal All Employees

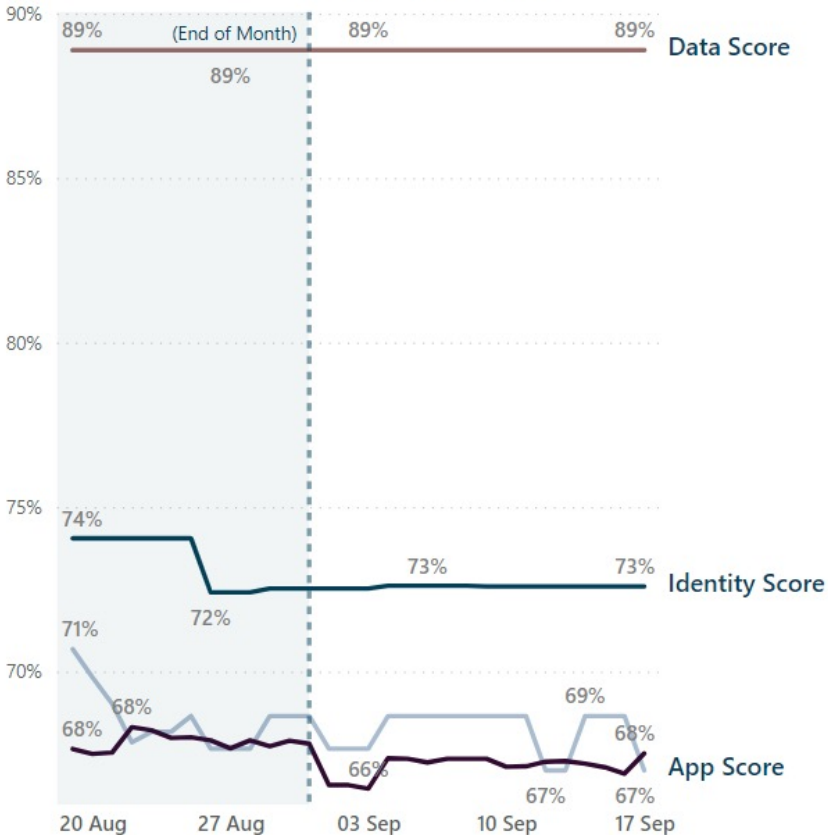
MFA Governance

User Name	MFA Enabled	MFA Active
0064e628086ec2e20a58cd106bdf3d70cdc31e96	✓	✓
0271cd5cfc9f13405d8f8339f5108bf0c301ccbc	✓	✓
027b911d6eb2cc8812a5c28ffff53480fdabc26c	✓	✓
04e272c6a8d799768c63a9d6775006c18712be1a	✓	✓
057da9610b662e7d4b4c7b0bb9b63a882b1fb86f	✓	✓
0799be52d626eed571fe4aeabb8934542c0d1dbd	✓	✓
07c180a1584905f5998371665f7814e9c05d4d87	✓	✓
080b5496969e44994a597b2edb338e459230f895	✗	✓
0850ea91ec2a8801b8f2d8b61879ca25474dde49	✗	✓
0a09315ce342d0241c3eca3f55409cdc36c3f6ad	✓	✓
0b2002209946e6db68fb14e5f0d141ed4b40af53	✗	✓
0c044d42b96c1906b59d0c61c7f2293e7df6ac6a	✓	✓
0cd21e480e4b6bb67dc6c8c407f6358bee480910	✓	✓
0d01721170d67d23b357e7358651992b90180055	✗	✓
0dd5526261a9eaf9d45d89bc372292ed8ddd908f	✓	✓
Total	309	0

Secure Score Overview

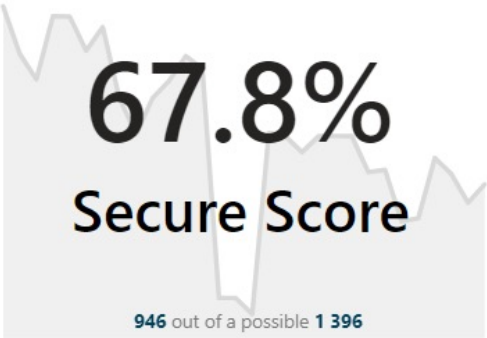


Secure Score Trend



[View details of change over time](#)

17 September 2023



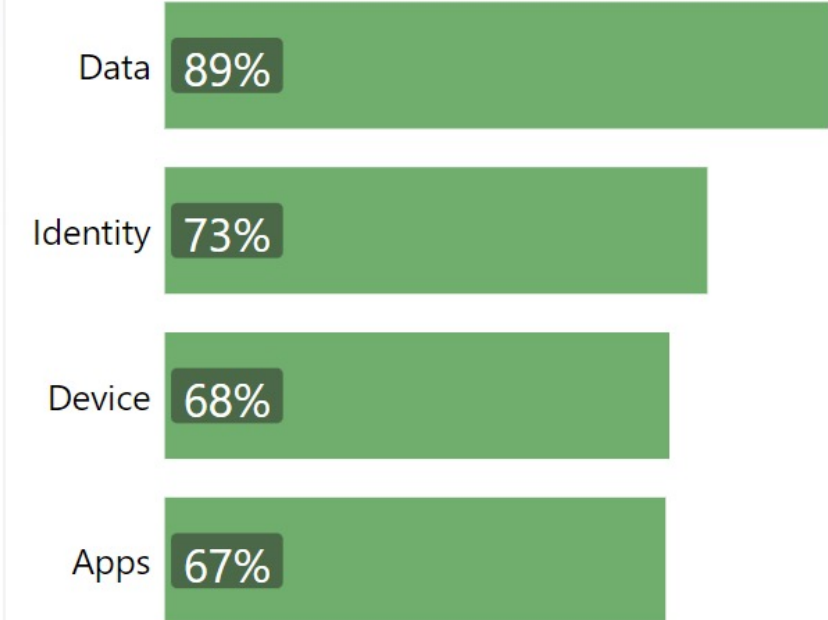
-0.8%
% Change since month end

122
Improvements Available

28.2%
Score vs Industry Average

[View adjusted Secure Score 67.8%](#)

Category Score



- [Identity Details](#)
- [Apps Details](#)
- [Device Details](#)
- [All Details](#)

[View Secure Score capability by SKU](#)

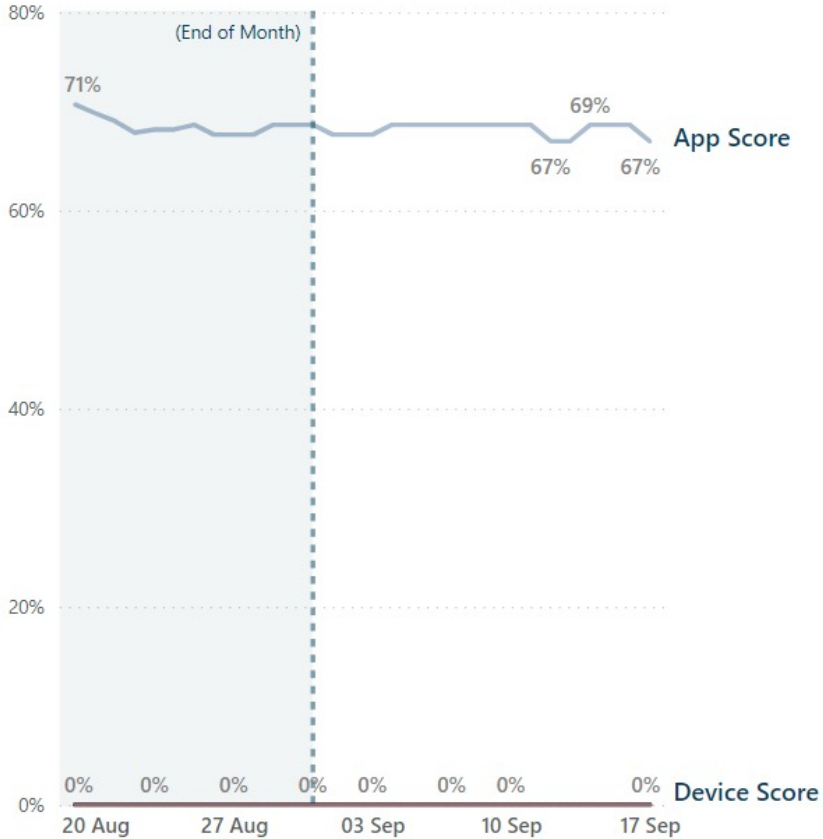
[View details of change over time](#) The M365 E5 license has the ability to move your score to **91.9%**

App Secure Score

Drill through to Apps



Secure Score Trend



[View details of change over time](#)

17 September 2023

67.0%

Secure Score

203 out of a possible 303

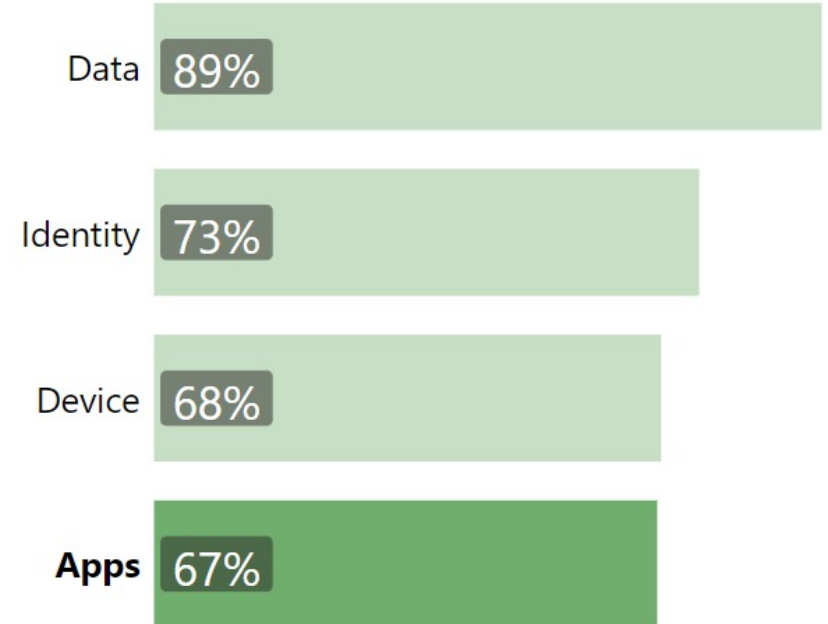
-2.4%
% Change since month end

33
Improvements Available

27.4%
Score vs Industry Average

[View adjusted Secure Score 67.0%](#)

Category Score



[Identity Details](#)

[Apps Details](#)

[Device Details](#)

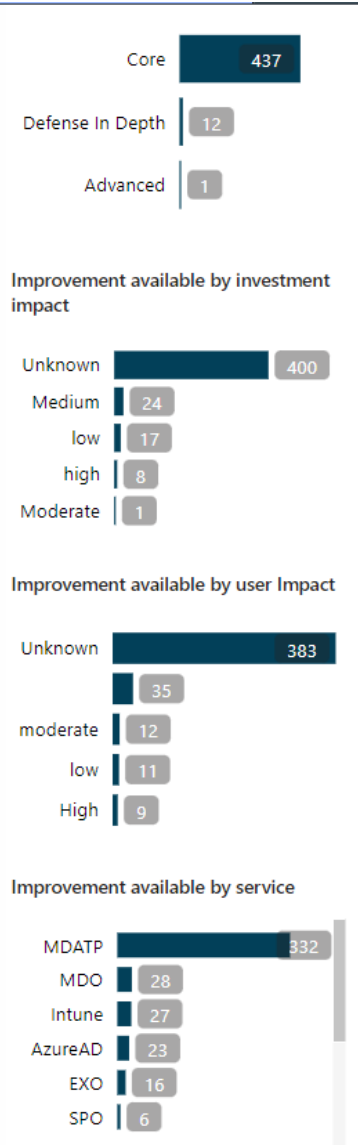
[All Details](#)

[View details of change over time](#) [View adjusted Secure Score 67.0%](#) [View details of change over time](#) [View adjusted Secure Score 67.0%](#)

The M365 E5 license has the ability to move your score to 70.0%

Internal All Employees

App Secure Score (recommendations)



Category	Title	Action Url	Service	Score	Max Score	Improvement Available	Complete	UserImpact	Action Type	Adjusted Secure Score
Apps	Ensure MailTips are enabled for end users	#	EXO	3.00	3	0.00	✓	Unknown	Config	Feature Enabled
	Ensure 'Privileged Identity Management' is used to manage roles		AzureAD	0.00	5	5.00	○		Config	Feature Enabled
	Ensure the admin consent workflow is enabled		AzureAD	5.00	5	0.00	✓		Config	Feature Enabled
	Ensure 'External sharing' of calendars is not available		EXO	0.00	5	5.00	○	High	Config	Feature Enabled
	Ensure mail transport rules do not whitelist specific domains		EXO	0.00	3	3.00	○	Unknown	Config	Feature Enabled
	Restrict anonymous users from joining meetings		MS Teams	0.00	1	1.00	○	low	Config	Feature Enabled
	Configure which users are allowed to present in Teams meetings		MS Teams	0.00	2	2.00	○	low	Config	Feature Enabled
	Limit external participants from having control in a Teams meeting		MS Teams	0.00	1	1.00	○	low	Config	Feature Enabled
	Only invited users should be automatically admitted to Teams meetings		MS Teams	2.00	2	0.00	✓	low	Config	Feature Enabled
	Restrict anonymous users from starting Teams meetings		MS Teams	1.00	1	0.00	✓	low	Config	Feature Enabled
	Restrict dial-in users from bypassing a meeting lobby		MS Teams	1.00	1	0.00	✓	low	Config	Feature Enabled
	Ensure the customer lockbox feature is enabled		EXO	1.00	1	0.00	✓	moderate	Config	Feature Enabled
	Ensure modern authentication for SharePoint applications is required		SPO	1.00	1	0.00	✓	Unknown	Config	Feature Enabled
	Sign out inactive users in SharePoint Online		SPO	1.00	1	0.00	✓	Unknown	Config	Feature Enabled

Select control name above for details..

Remediation:

...

Remediation Impact:

Select control name above for details..

Data	Identity	Device	Apps
89%	73%	68%	67%

SKU Impact and Feature Contribution	#	# Improvements Available	Improvement Score Available
busBasic	1	4	6.72
busPremium	1	86	332.34
busStandard	1	4	6.72
eduA1	1	4	6.72
eduA3	1	4	6.72
eduA5	1	6	11.72
_eduASCComplianceAddon	1	2	5.00
Total	24	122	450.08

