

License Spend & Optimisation Summary

2.0627b
Current Version

08/11/2022
Last Refresh

PLC
Tenant

£
Currency

Summarised view of potential license optimisation and high level details on areas where optimisation achieved. In addition, the Joiners and Leavers summary gives an overview of the company Active Directory Accounts and high level aging statistics.

Optimisation Opportunities

36%

Upper Savings Range

31%

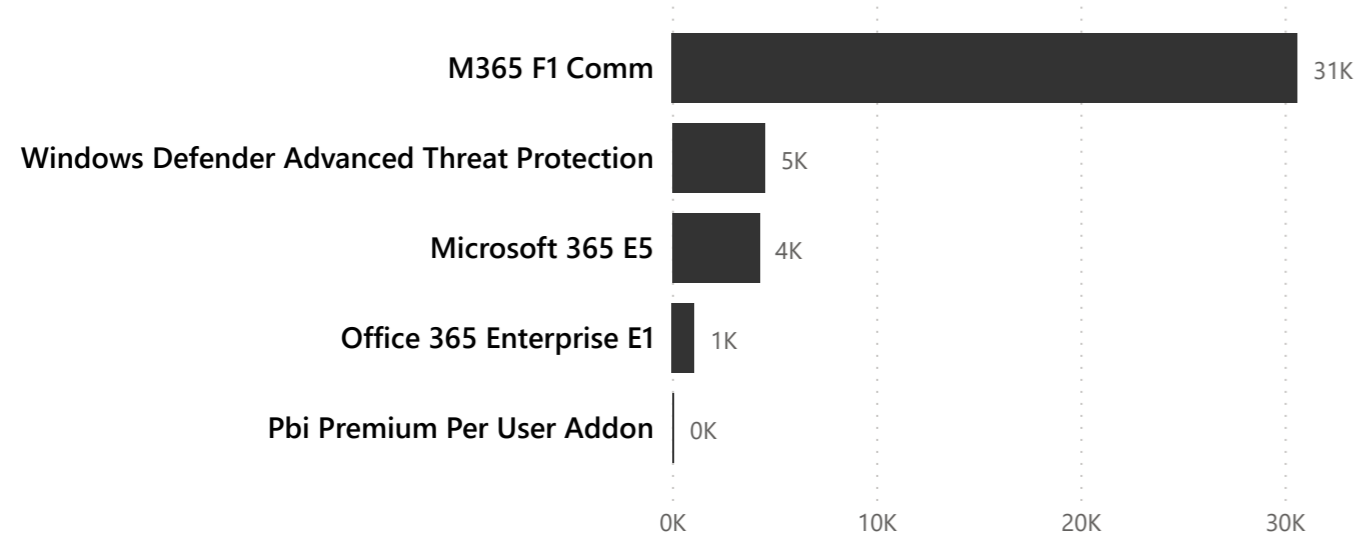
Lower Savings Range

Optimisation opportunities per month range between £37,536 (£450,436 Year) and £43,244 (£518,926 Year)

£119,540 Current monthly license investment (£1,434,485 per year)

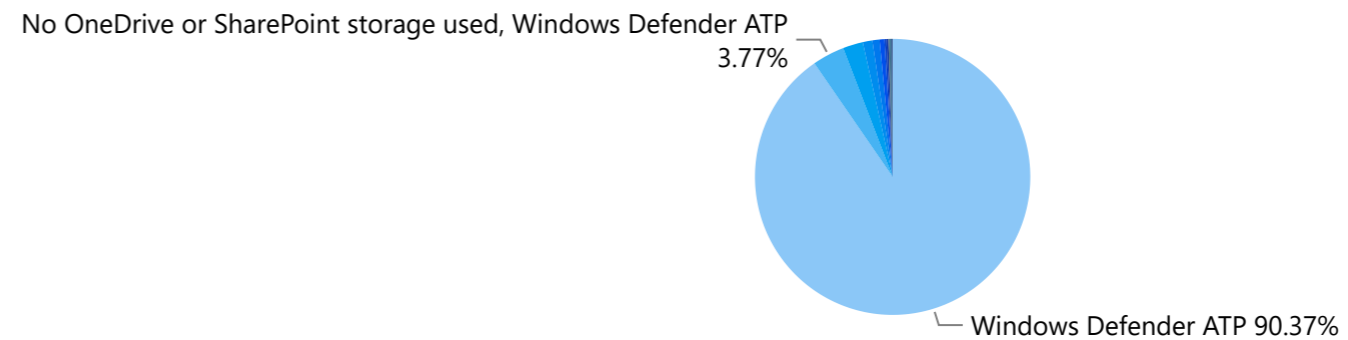
Areas for Optimisation

Top 5 License Saving Opportunities (value - unallocated & Inactive assigned)



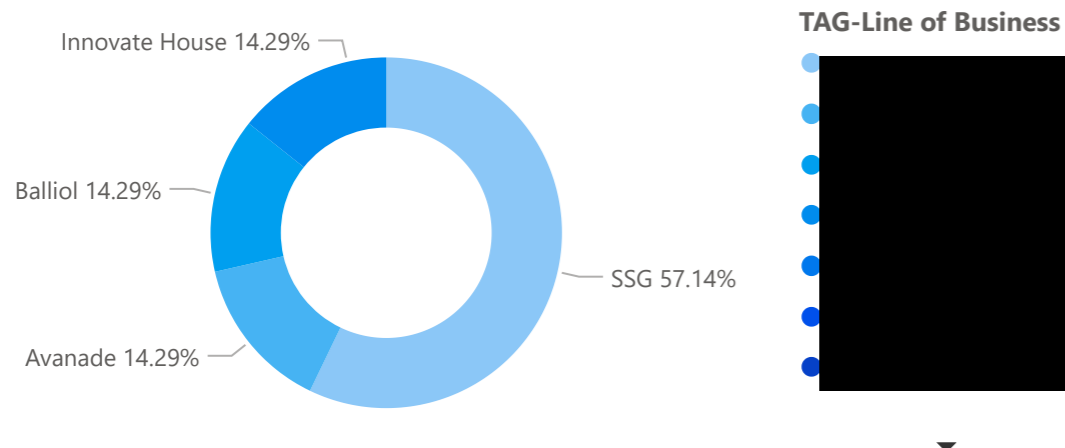
- ✓ Unassigned licenses value, optimisation estimates between £32,816 and £36,462
- ✓ Aged and inactive accounts, optimisation estimates between £4,653 and £6,648
- ✓ License reclassification, optimisation estimates between £67 and £134

License Review based on Usage Patterns

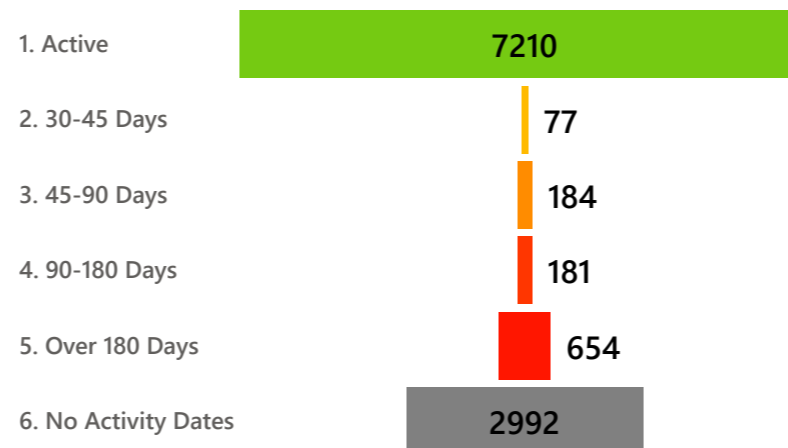


Joiners & Leavers

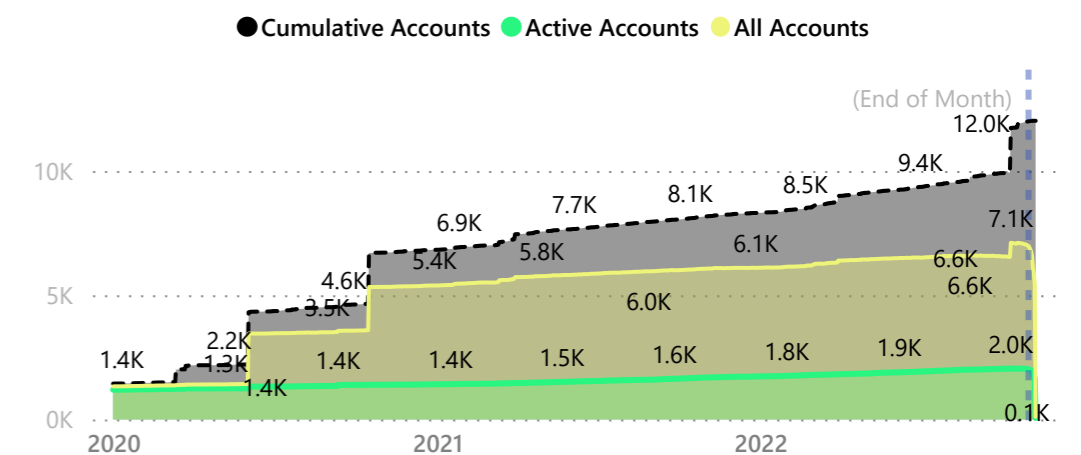
Accounts by Line of Business (Top 10)



Account Aging Categories



Accounts Active by Calendar Day



Company Profile

Overview of the companies Active Directory accounts to help provide an understanding of the environment, looking at a breakdown of accounts, their geographic distribution, account activity vs. total accounts and the internal & external composition of accounts.

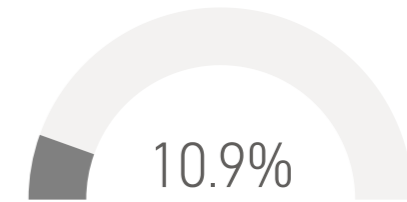
Account Summary

11K
Total AD Accounts

Account Statistics

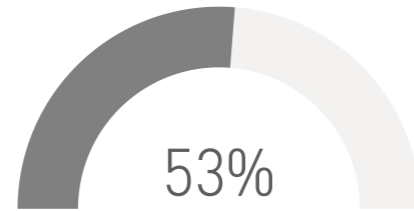
Total AD Accounts	12021
Accounts Active in 30 Days	7209
External Accounts	1315

% External Accounts

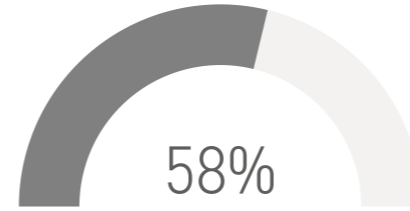


License Overview

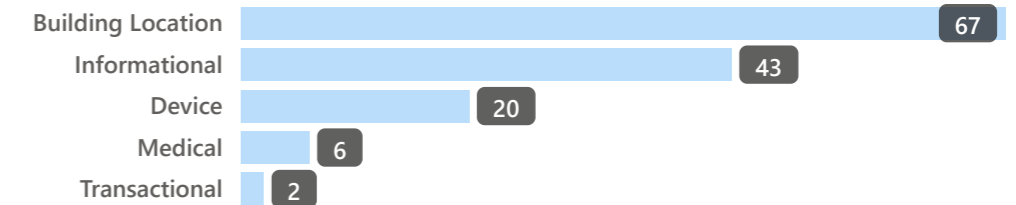
% Licensed & Enabled Accounts



% Internal Licensed & Enabled Accounts



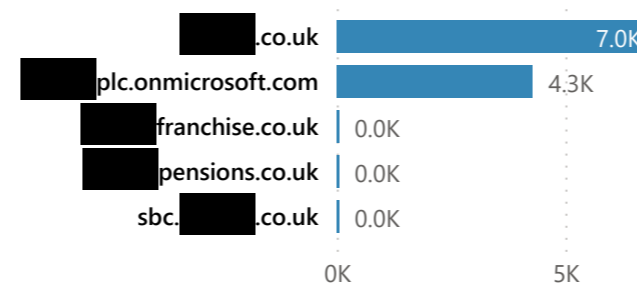
Service Account Categories (Top 5)



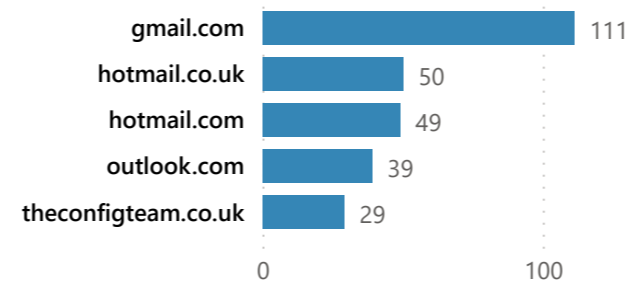
Profile

- 4 Defined Countries (Active Directory)
- 10 Domains Used for Email (defined in UPN)
- 522 External Domains (External Accounts UPN)
- 796 Total Job Titles Defined

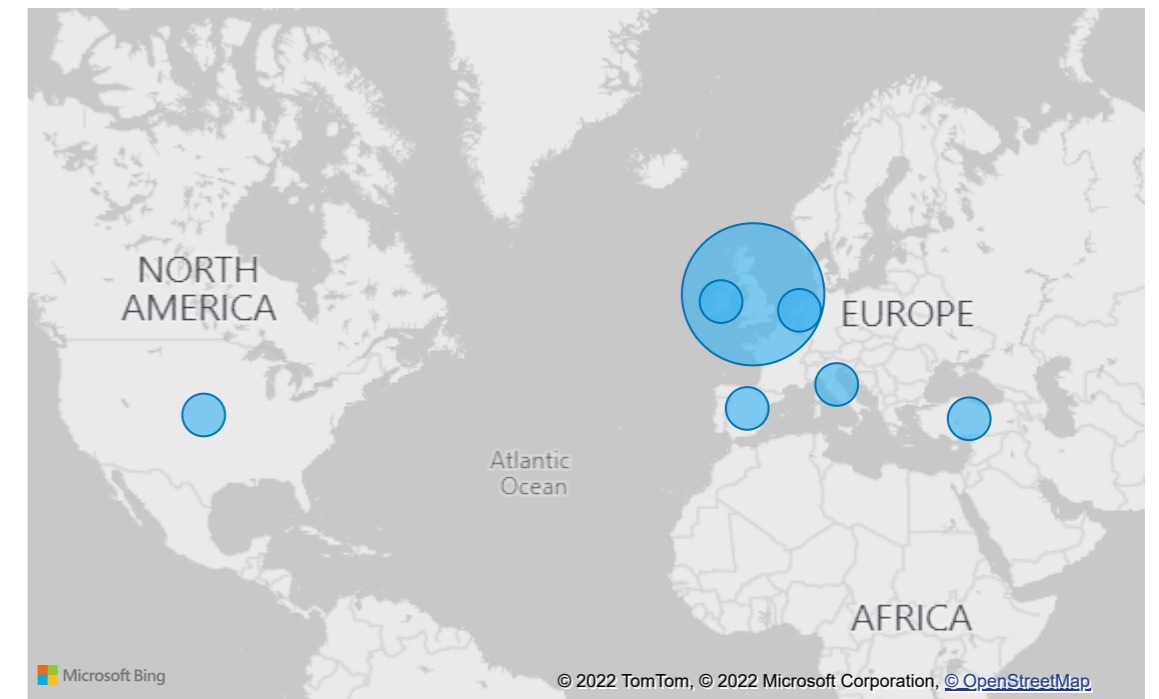
Top 5 Internal Domains



Top 5 External Domains



Regional Account Distribution



High level License Summary & Top 5

A view of the overall license spend with a breakdown on statistics on the assigned & not assigned status, and details of activity of the licensed accounts.

£119,540

Total O365 License Investment

£83,078

Assigned License Cost

69.50% License spend assigned

£36,462

Unassigned License Cost

30.50% License spend unassigned

£10.58

Per Account License Cost (Total License vs. Active AD Accounts)

Top 5 License Investment

License Name	Currency	Item Cost (Month)	Quantity Purchased	%GT Purchase Cost	% Consumed	% Consumed (Active < 30D)	Consumed & Unused Value(>30D) Month	Total Consumed Value (Month)	Unassigned License Value (Month)	Monthly Investment
Microsoft 365 E5	£	43.29	1,806	66%	98%	95%	4,113	76,710	1,472	78,182
M365 F1 Comm	£	1.53	20,021	26%	0%	0%	14	18	30,614	30,632
Windows Defender Advanced Threat Protection	£	2.07	2,200	4%	0%	0%	0	2	4,552	4,554
Office 365 Enterprise E1	£	6.75	470	3%	93%	66%	992	2,957	216	3,173
Pbi Premium Per User Addon	£	6.75	159	1%	99%	99%	0	1,067	7	1,073

NCE License Summary

View of all licenses purchased with breakout of NCE purchased licenses. Two uplift scenarios are provided, a view of the current license estate with a 20% uplift as would be applied when moving to PAYG and an alternate showing only uplift on non NCE licensing (Blended)

0.00%
% of Licenses purchased by NCE
(License Quantity)

£1,434,485
M365 License Investment (per year)

PAYG model:

Per year cost considering an uplift of all licenses by 20%. This outlines possible impact of not planning for NCE.

£1,721,382

Per Year Cost

£286,897 uplift per year (20%)

PAYG model based on RAG:

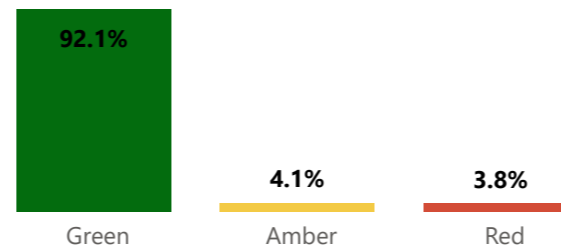
Considering all licenses in a green status moving to NCE and those in red and amber staying on a PAYG model. The amber / red may be in consideration for review before committing. This includes consideration for optimisation in the NCE process.

£1,467,401

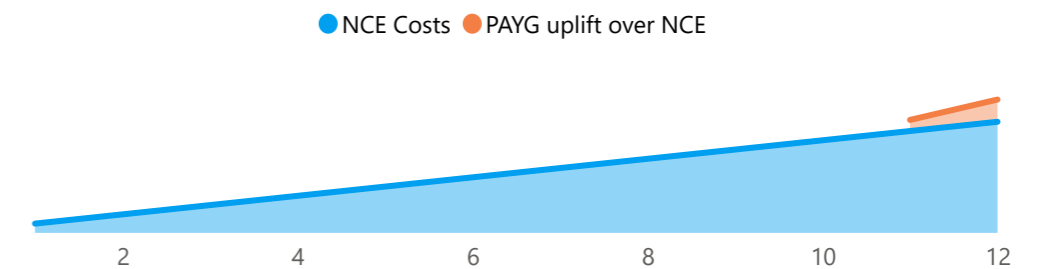
Per Year Cost

£32,916 uplift per year (2.29%)

License RAG Status (cost view)



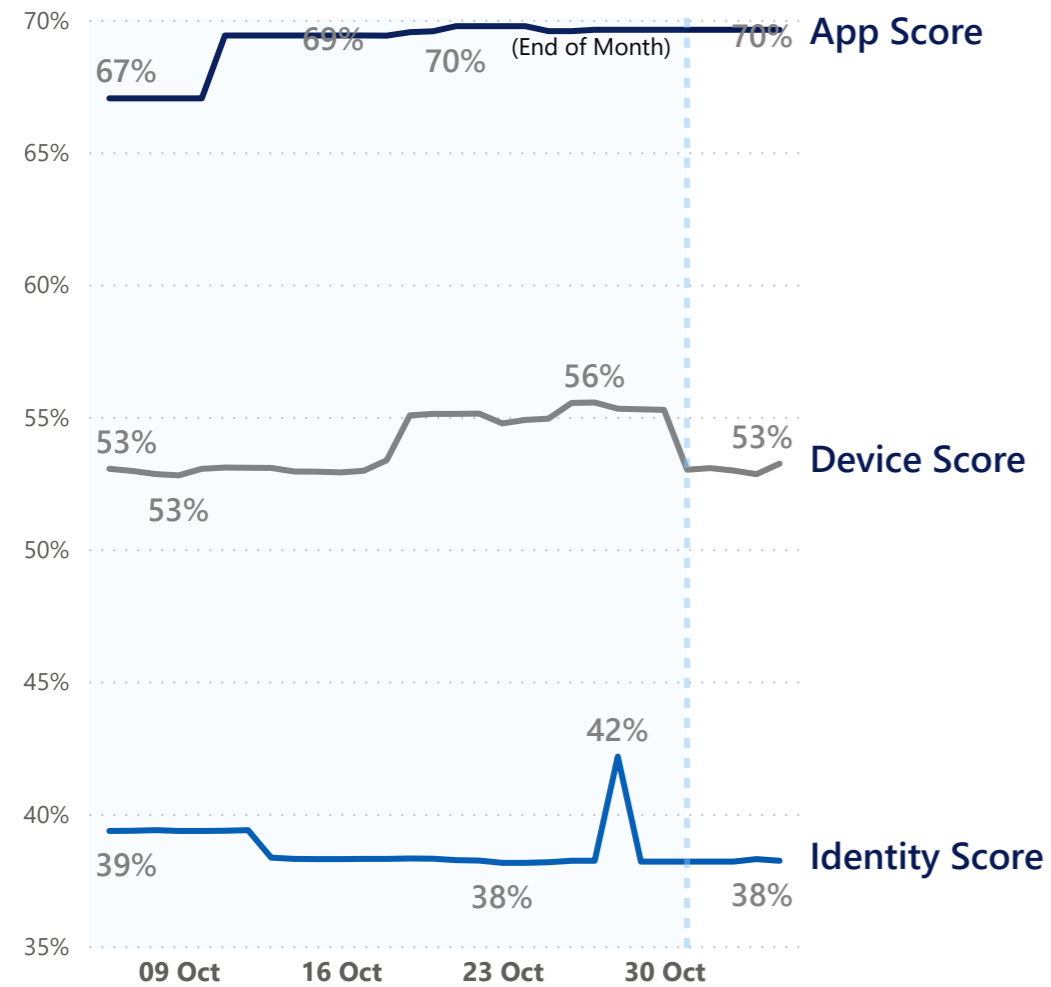
PAYG vs NCE Breakeven over 12 Months



Note: NCE information is only available for CSP customers with with an onboarded upstream provider

Secure Score

Summarised view of the Secure score, with a breakdown of the 3 high level components making up the score (App / Identity / Device) and a trend of the score over time.



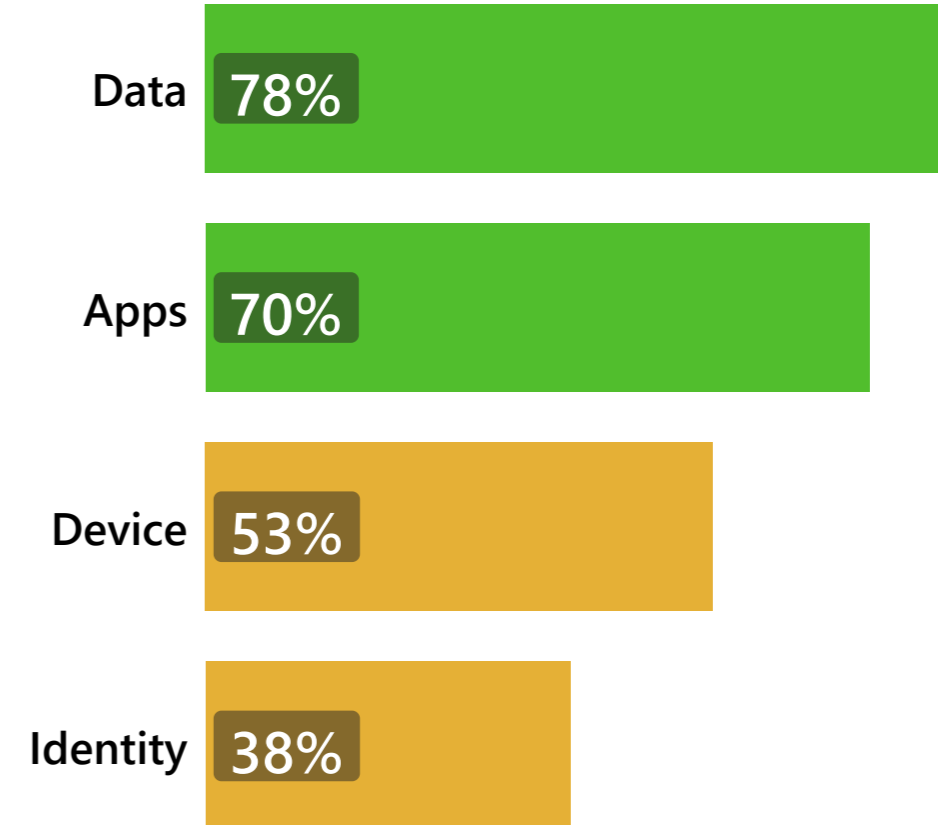
0.33%
% Change since month end

160
Improvements Available

7.05%
Score vs Industry Average

92.92%
M365 E5 license Secure Score capability

45.85% Improvements Available



Security Overview

View of all key data relating to security metrics, looking at Conditional Access, Insider Threat and Data Leakage, Device Management, Identity Security, Authentication and Administrative accounts and actions.

Conditional Access Policies

12

Conditional Access Policies

57,523,677
Policy Applications on Signin

29
Days of activity

5136

Policy Failure Events

Authentication Methods

82.38%
no % Self Service Password Reset capability

98.50%
% no Passwordless capability

83.58%
% no MFA capability

Top Authentication Method is email, used by 94.76% of accounts. 83.78% use multiple authentication methods

Insider Threat and Data Leakage

5,621,098 documents in SharePoint and OneDrive

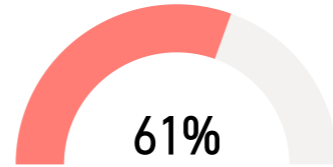
88.7%

% Total Files Inactive in 30 Days

87.47%
OneDrive % Files Inactive

92.57%
SharePoint % Files Inactive

% Sharepoint Sites Inactive (30D)



232

Files Shared Externally

OneDrive files shared externally 144, shared Internally 4892. viewed or edited 95591 (30 days)

Sharepoint files shared externally 88, shared Internally 1557, viewed or edited 125667 (30 days)

Managing Devices - Threat Protection

(Blank)

Mobile app devices / users not managed by policy

8854
Devices (All)

22.89%
% Stale Devices

6707
Devices active 180 days

2160
Intune managed (active 30 days)

2027
Stale (>180 days no activity)

894

Total Threats

Security Center logs collected for 50 days with 894 events logged, the highest category being ThreatManagement

Managing Identities (Accounts)

31%

Inactive Accounts (Internal)

9986 enabled internal accounts

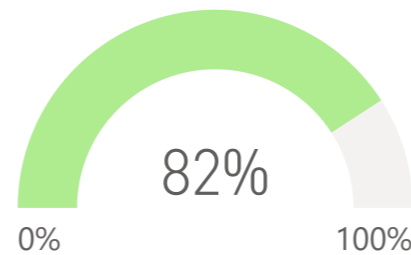
12,021
Total AD User Accounts

10.94%
% External Accounts

6.75%
Licensed accounts with red RAG

0.72%
% Machine Accounts

Accounts without MFA



30 Accounts with administrative roles, (5 without MFA), 2 Company administrators (0without MFA)

5

Admin Roles with no MFA

7%
Admin accounts not active in 30 days

267

Shadow IT - Cloud apps

1819
MCAS Enabled Accounts

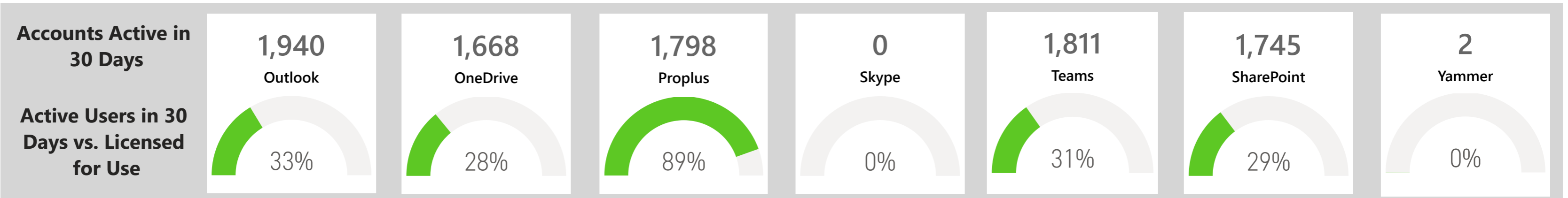
7047
Accounts using cloud apps

Consumption of Key Microsoft 365 Products

View of accounts assigned licenses vs. the number who have been active within 30 days. This indicates consumption of the product but does not provide statistics on the actual use of the project.

Product Consumption (Country) - 30 Day Summary (Top 10) (Licenses Assigned by Administrators)

TAG-Country	Users with assigned M365 Licenses (Y/N)	Outlook Users Active in 30 Days	% Outlook Consumption (vs. users with M365 Licenses)	OneDrive Users Active in 30 Days	% OneDrive Consumption (vs. users with M365 Licenses)	SharePoint Users Active in 30 Days	% SharePoint Consumption (vs. users with M365 Licenses)	Skype Users Active in 30 Days	% Skype Consumption (vs. users with M365 Licenses)	Teams Users Active in 30 Days	% Teams Consumption (vs. users with M365 Licenses)	Yammer Users Active in 30 Days	% Yammer Consumption (vs. users with M365 Licenses)
United Kingdom	4,903	1,929	39%	1,661	34%	1,737	35%	0	0%	1,802	37%	2	0%
not defined	289	6	2%	3	1%	4	1%	0	0%	5	2%	0	0%
Italy	1	1	100%	1	100%	1	100%	0	0%	1	100%	0	0%
Spain	1	1	100%	1	100%	1	100%	0	0%	1	100%	0	0%
Turkey	1	1	100%	1	100%	1	100%	0	0%	1	100%	0	0%
United States	1	0	0%	0	0%	1	100%	0	0%	0	0%	0	0%
Netherlands	1	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Germany	0												
India	0												
Ireland	1												
Portugal	0												
Total	5,198	1,938	37%	1,667	32%	1,745	34%	0	0%	1,810	35%	2	0%



Adoption of Key Microsoft 365 Products

View of accounts assigned licenses and details of how the products enabled by that license are being used (adopted). The data is broken down by country to outline maturity of adoption regionally.

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

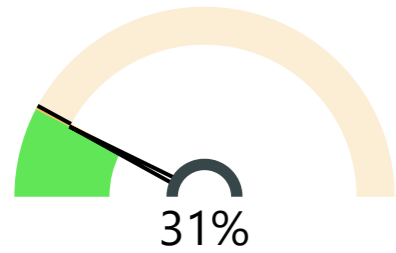
TAG-Country	Users with assigned M365 Licenses (Y/N)	Total ProPlus Activations (All Time)	Email Receive Count per Active User (Per Day)	Email Send Count per Active User (Per Day)	Active Email User	OneDrive Storage per Active OneDrive User	OneDrive Avg. Active File Count per Active User (Per Day)	OneDrive 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)	Skype Conference per Active User (Per Day)	Skype Peer to Peer IM Count per Active User (Per Day)
Italy	1	1	24	4.2	1	4	6	3,488	0		0	0.8	0.6	0	0.0	0.0
United Kingdom	4,903	4,022	69	6.4	1,913	9	24	2,545	66	5	1,136	0.5	0.6	7	0.0	0.0
not defined	289	74	320	1.3	5	0	1	70	105	1	175	0.4	0.4	4	0.0	0.0
Turkey	1	3	38	18.1	1	122	47	12,844	0		0	0.4	0.7	8	0.0	0.0
Spain	1	6	37	8.6	1	0	2	121	0		0	0.1	0.2	0	0.0	0.0
Ireland	1					0			0		0	0.0	0.0		0.0	0.0
Netherlands	1	0	0	0.0	0	0			0		0	0.0	0.0	0	0.0	0.0
United States	1	0				0			0		0	0.0	0.0		0.0	0.0
Total	5,198	4,106	70	6.4	1,921	9	24	2,545	66	5	1,128	0.5	0.6	7	0.0	0.0

29,470 OneDrive Storage (GB)	4,167,329 Email Receive Count	1,601 Accounts With Proplus Activations (All Time)	0 Skype Meeting Count	27,332 Teams Meeting Count	1,180,767 SharePoint File Count
38,861 OneDrive Avg. ActiveFileCount	380,650 Email Send Count		0 Skype Total Peer to Peer Sessions	21,133 Teams Call Count	7,133 SharePoint Active File Count

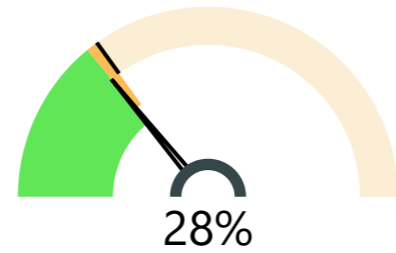
Consumption & Adoption High Level Overview

A mixed overview combining an aspect of both Consumption and adoption and an indication of how services are accessed (mobile / desktop / Web etc.).

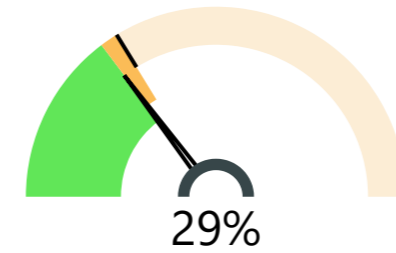
% Teams Accounts Active in 30 & 90 Days vs. Licensed M365 Users



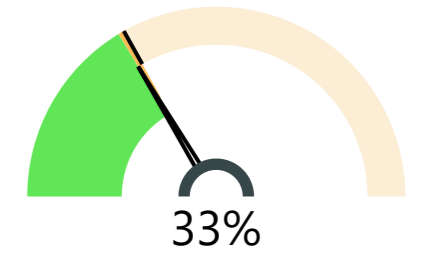
% OneDrive Accounts Active in 30 & 90 Days vs. Licensed M365 Users



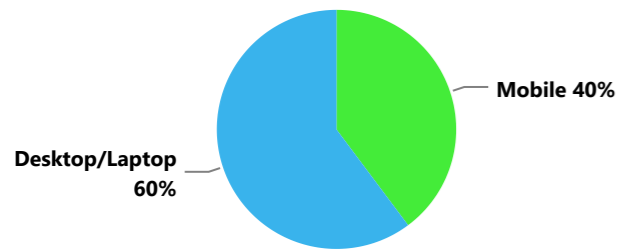
% SharePoint Accounts Active in 30 & 90 Days vs. Licensed M365 Users



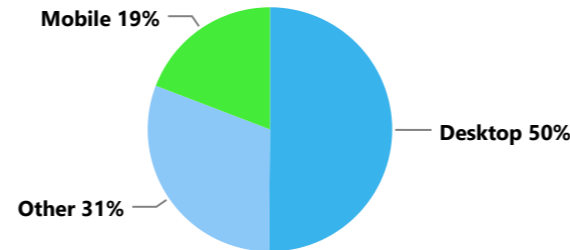
% Outlook Accounts Active in 30 & 90 Days vs. Licensed M365 Users



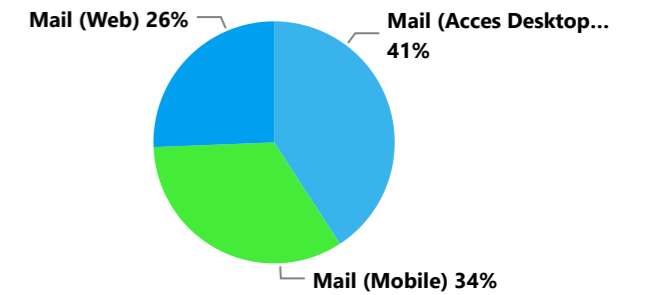
Teams Access 30 Days



Intune and Azure AD registered Devices (60 Days on Approx. LastSignin Date)



Mail Access 30 Days



0.5

Teams CallCount per User (Per Day)

24

OneDrive Avg. ActiveFileCount Per User / Month

3,284

SharePoint Site Count

70

Email receivecount per User (Per Day)

0.6

Teams Meeting Count per User (Per Day)

9

OneDrive Storage Average per User

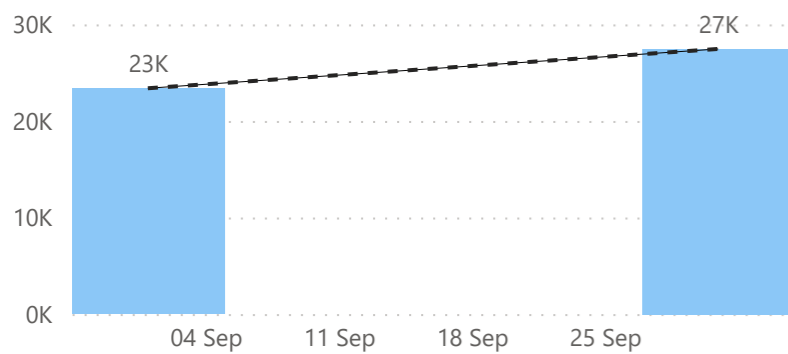
138K

SharePoint Page View Count

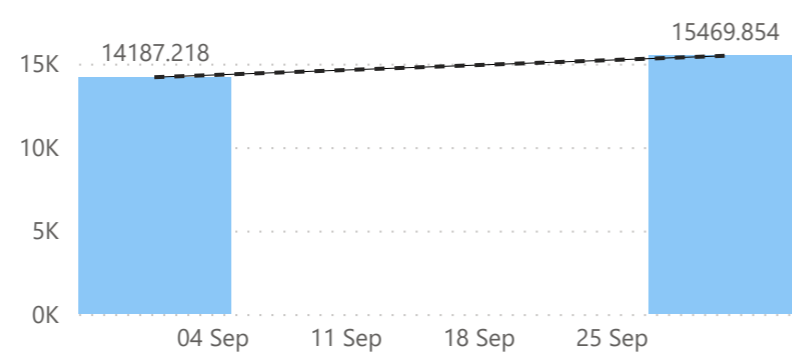
6.4

Email SendCount per User (Per Day)

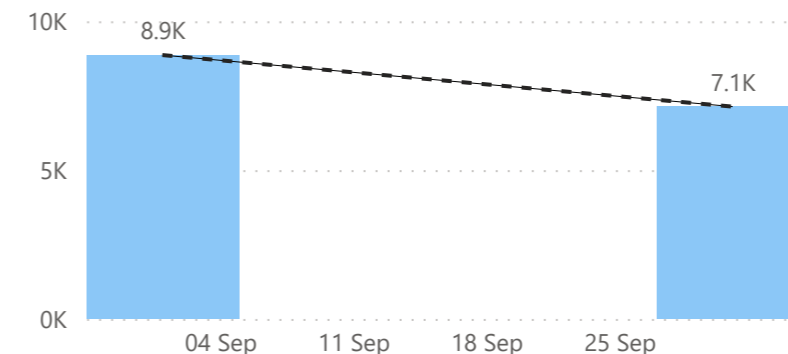
TeamsMeeting Count by Month



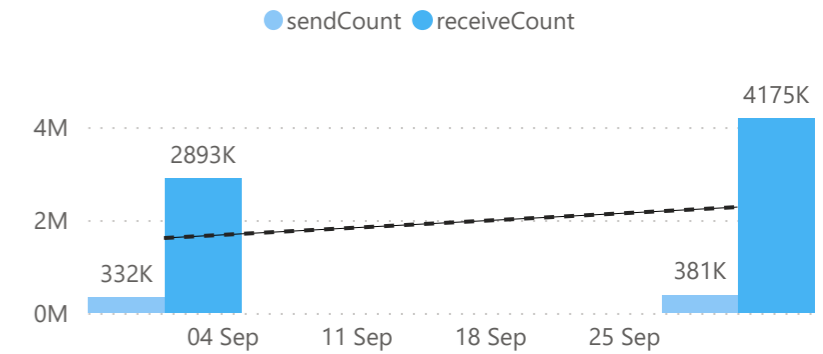
OneDrive Storage



SharePoint Active File Count



E-Mail Send and Receive Count

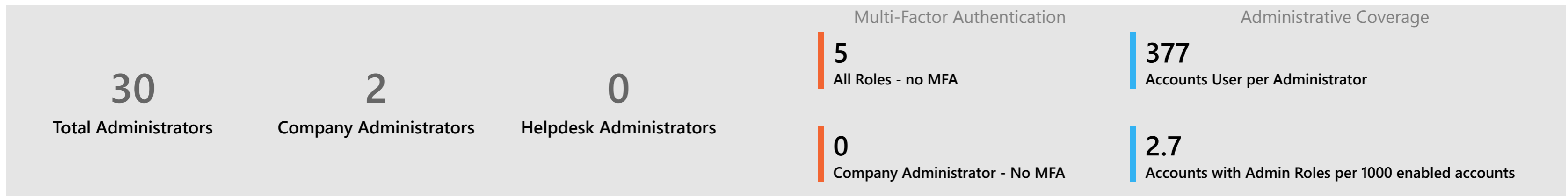


Assigned Administration Roles in M365

A high level view of key administrative roles by country, highlighting and accounts without MFA and administrative coverage across the organisation.

TAG-Country	Count Accounts	MFA Not Enabled	Roles (Company Administrator - No MFA)	Roles (Company Administrator)	Roles (Exchange Administrator)	Roles (Helpdesk Administrator)	Roles (License Administrator)	Roles (Service Support Administrator)	Roles (User Account Administrator)	Active User (<30D Account activity)
⊕ United Kingdom	27	2	0	2	1	0	0	1	0	27
⊕	3	3	0	0	0	0	0	0	0	1
Total	30	5	0	2	1	0	0	1	0	28

Additional administrative roles exist, not displayed, total administrators are the key roles shown above plus additional roles. Administrators can be assigned multiple administrative roles



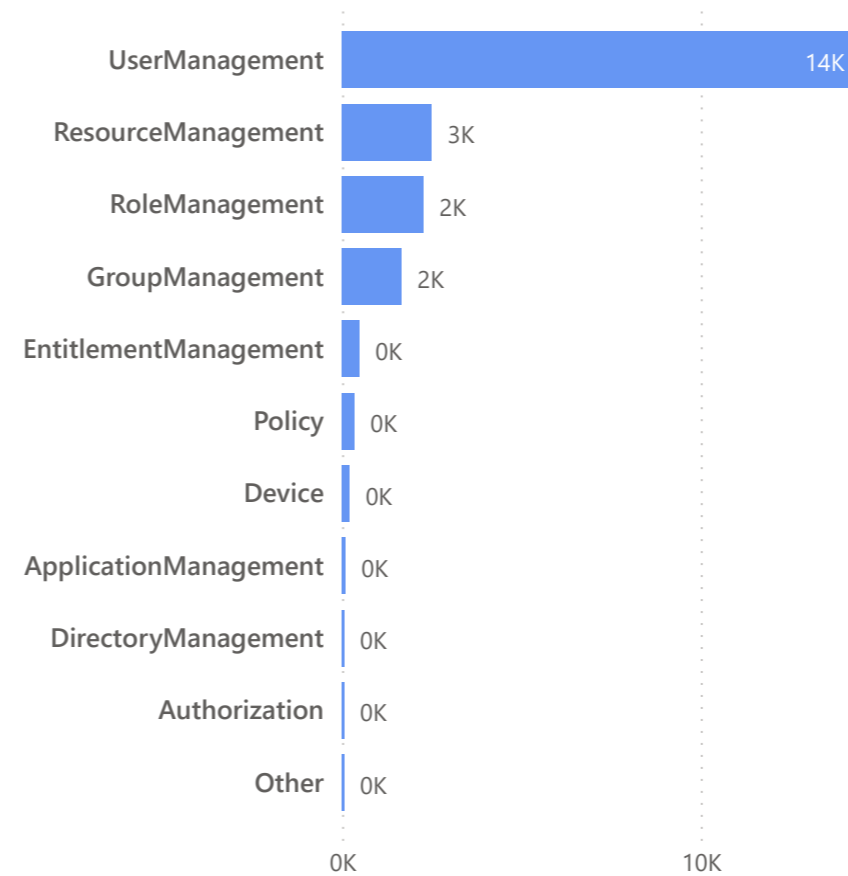
Administrative Actions

A detailed view of all administrative roles, with a count of administrative activities carried out per role, including an overview of categories and services impacted by the changes.

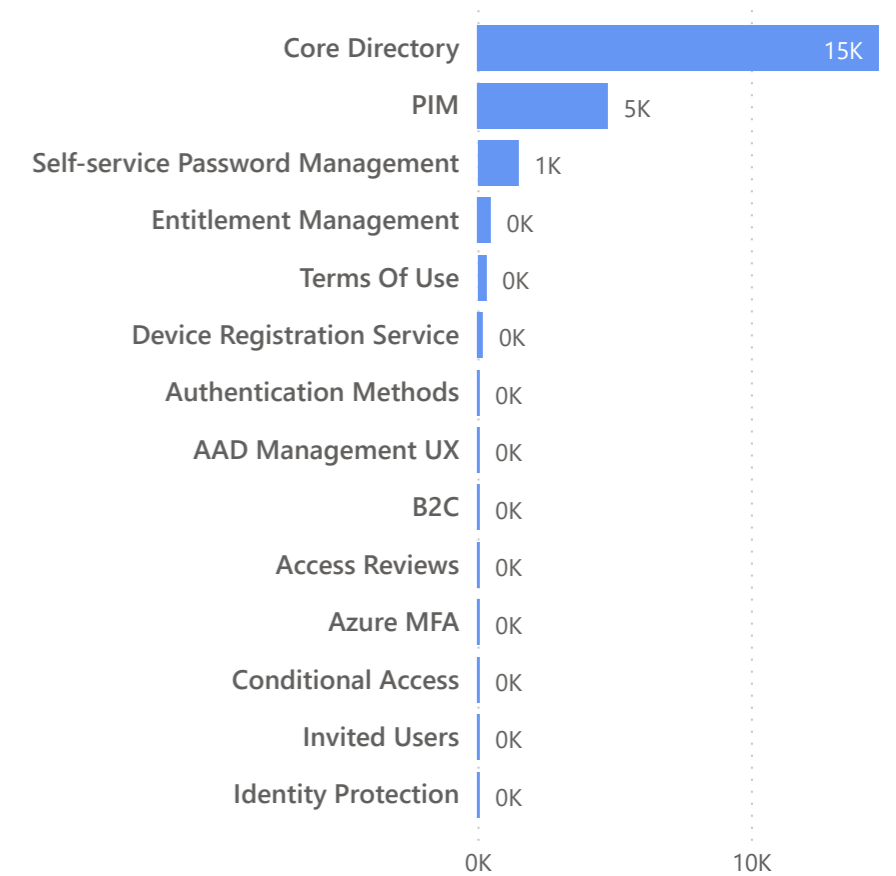
Administrative Roles Count and Last Usage (with Account Details)

Administrative Role	Count Activities	Accounts Performing Activities	Average of Last Account Activity (Days)
Directory Synchronization Accounts	12483	2	-15
Azure AD Joined Device Local Administrator	782	20	-2
Global Reader	419	4	-4
Authentication Administrator	165	1	-1
Privileged Authentication Administrator	165	1	-1
User Administrator	165	1	-1
Global Administrator	106	2	-1
Application Administrator		1	-84
Exchange Administrator		1	-1
Power Platform Administrator		1	-4
Security Reader		1	-1
Service Support Administrator		1	-1
SharePoint Administrator		1	-575
Teams Administrator		1	-4

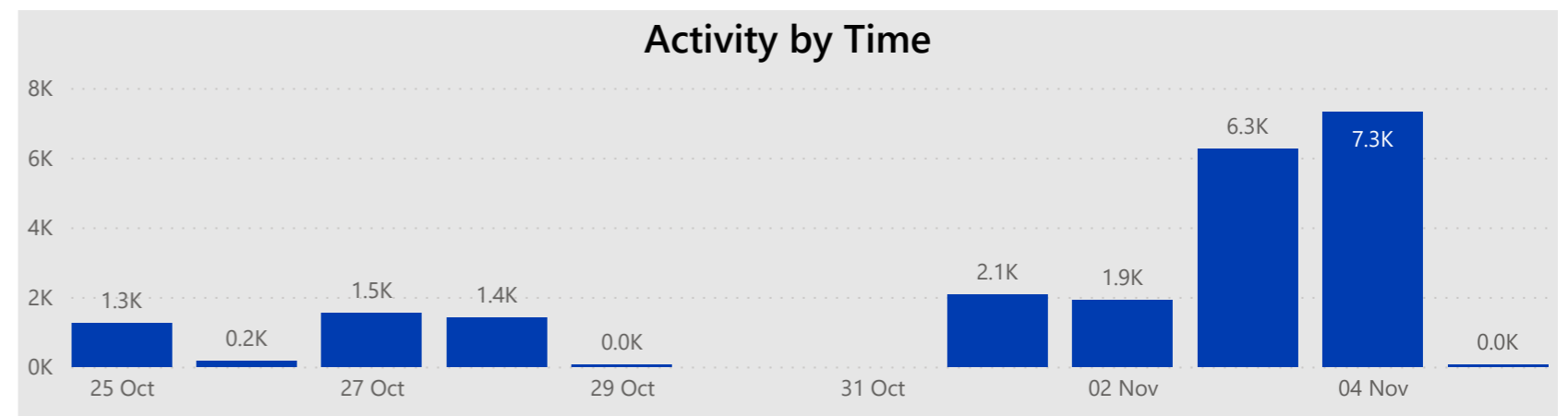
Action by Category



Action by Service



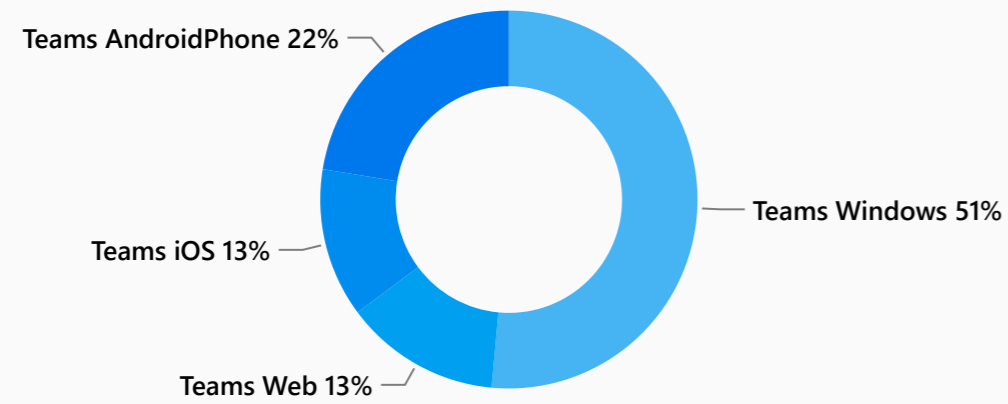
Activity by Time



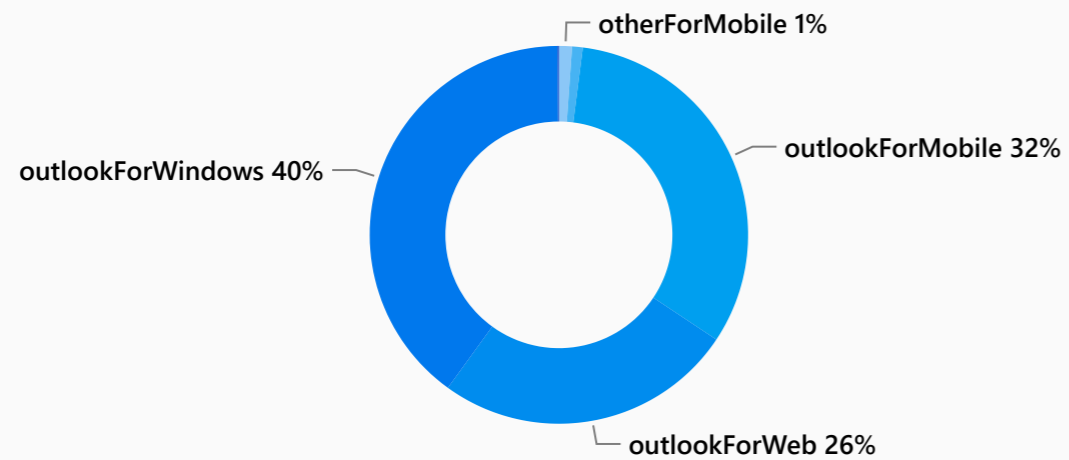
Hardware & Product Heatmaps and Usage Breakdowns

Overview of methods used to access Teams, Mail and applications, plus devices used to access services.

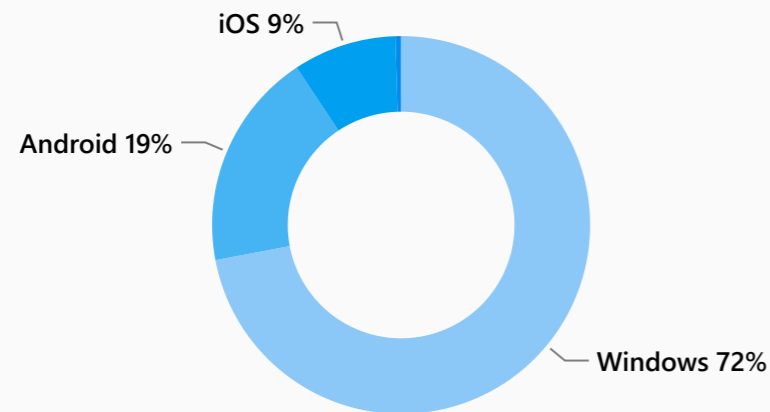
Teams Device Summary (30 Days)



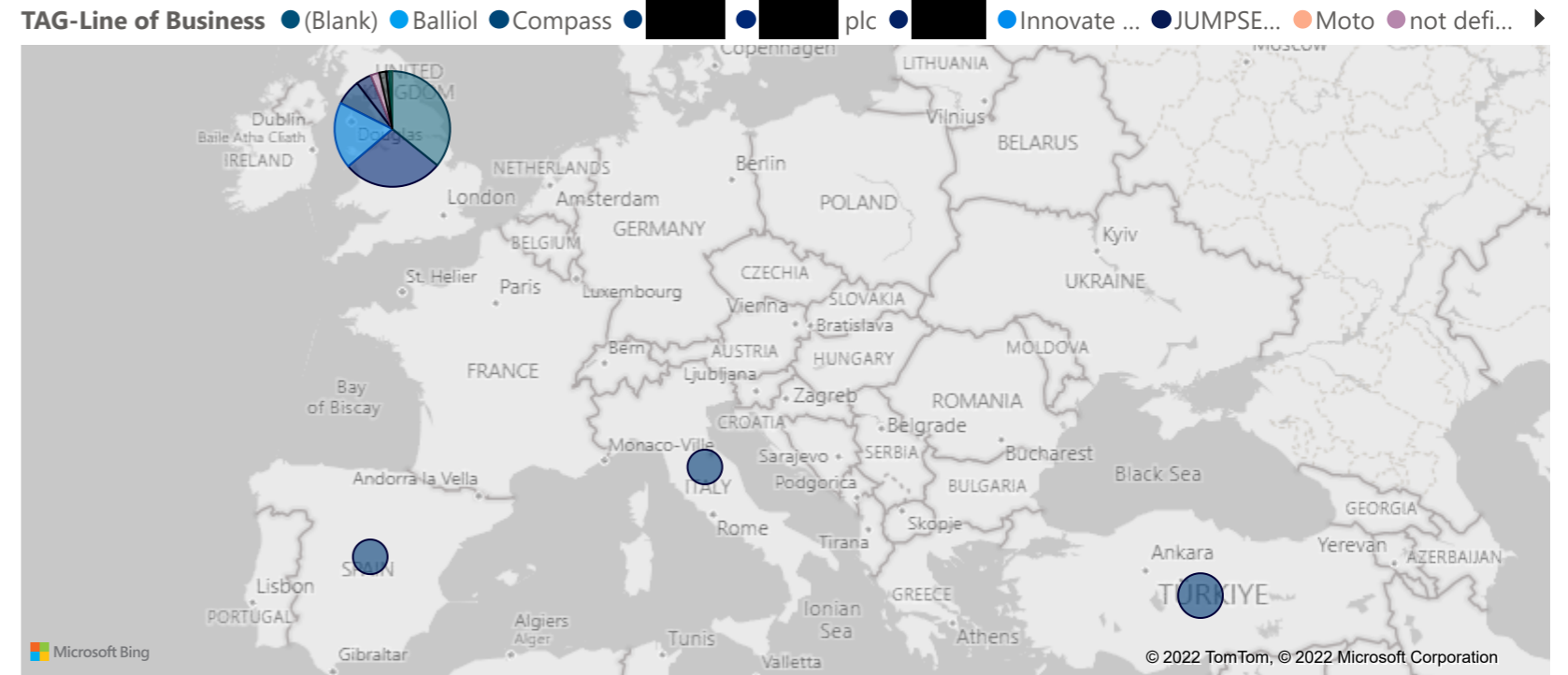
Mail Device Summary (30 Days)



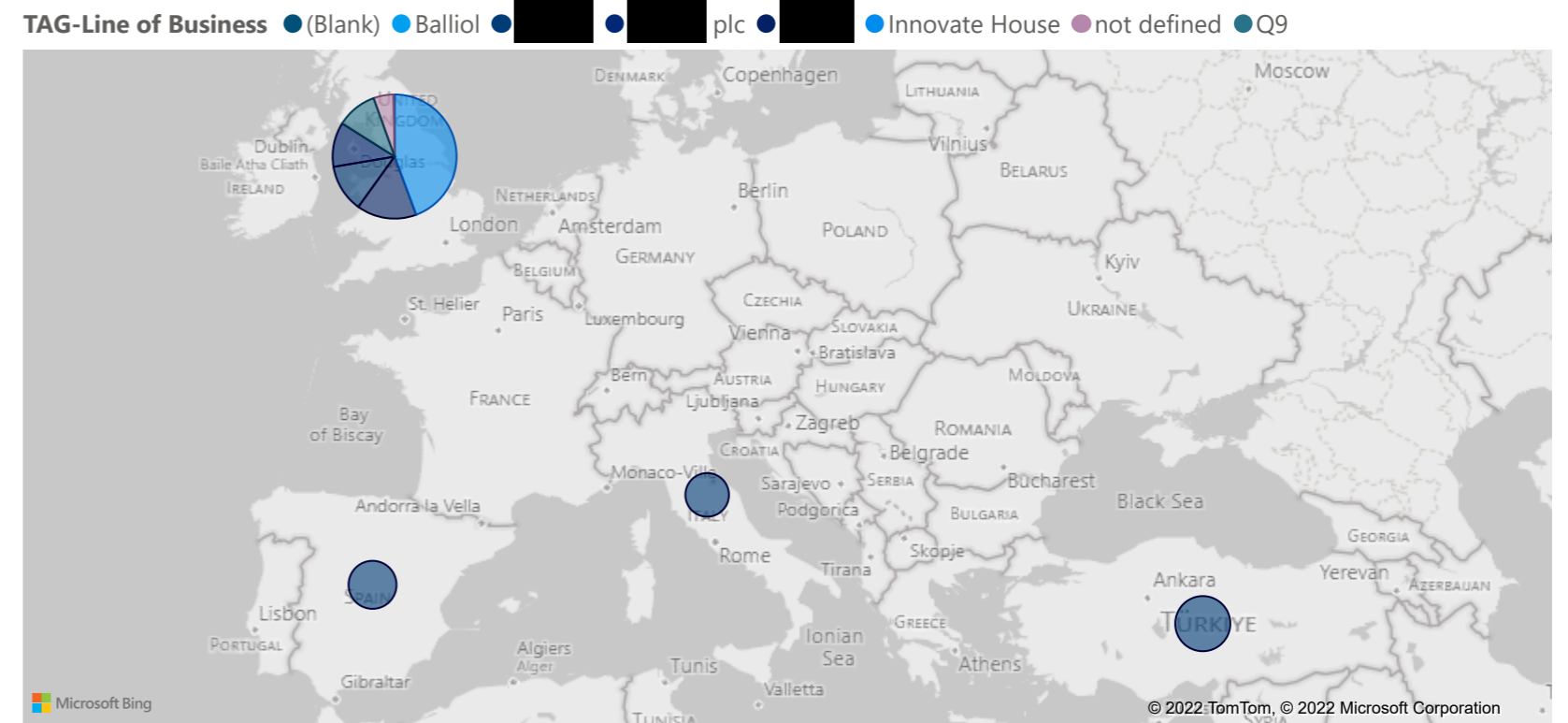
Top 5- Azure AD Registered Devices (30 Days)



Teams Meetings Per User



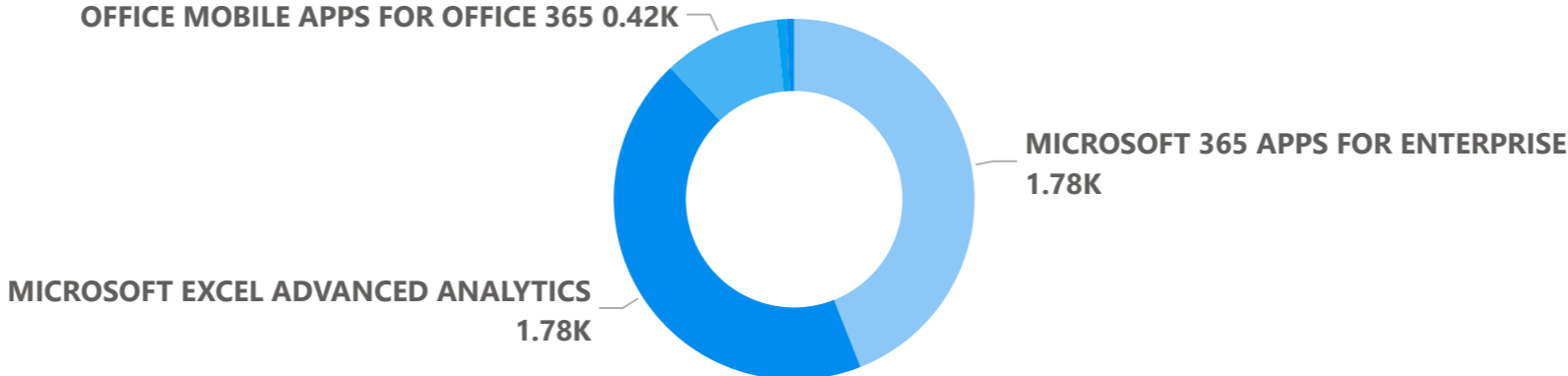
Email - Send Per Account/Day



Product Activation Summary

Overview of activation of M365 products on devices, with a summary of activations by OS.

Product Activations



1,776
Accounts Eligible for Proplus Activations

36
Accounts Eligible for Visio Activations

27
Accounts Eligible for Project Activations

1,601
Accounts With Proplus Activations

34
Accounts With Visio Activations

18
Accounts With Project Activations



Power Platforms

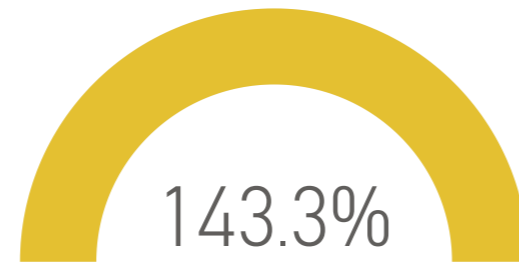
Summary of Power Platform applications, looking at number of accounts accessing over time and the apps used within the app categories.

2963

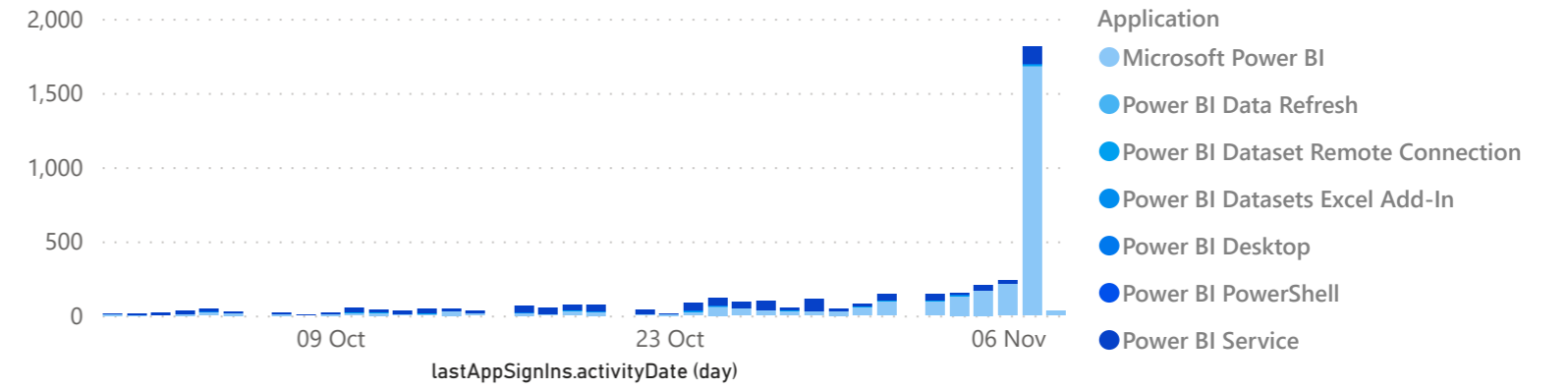
Power BI accounts active in less than 30 days

7 Power BI related Apps in use

Power BI Users % of of all active / licensed



Power BI Activity

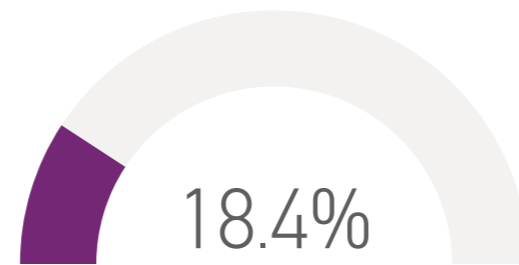


381

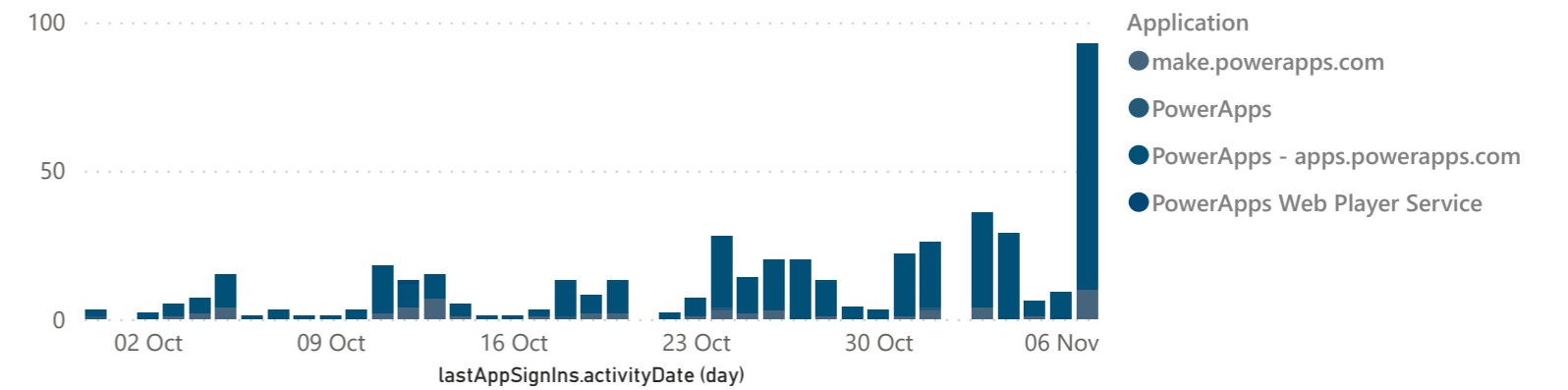
Accounts accessed PowerApps in less than 30 days

4 PowerApps related Apps in use

PowerApps users % of all active / licensed



PowerApps Activity

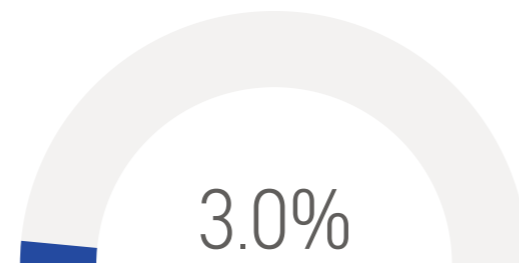


62

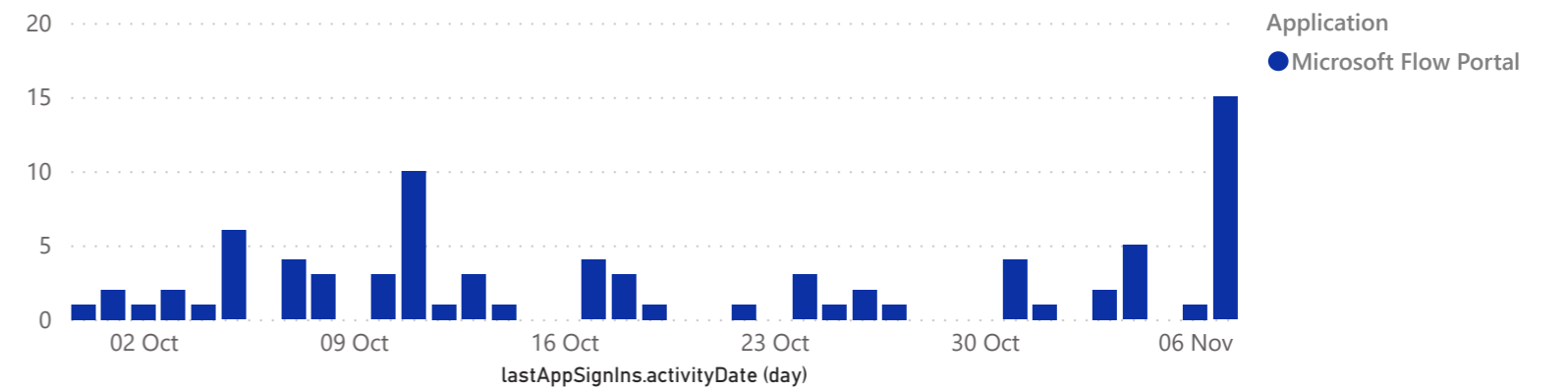
Accounts accessed Power Automate in less than 30 days

1 Power Automate related Apps in use

Power Automate users % of all active / licensed



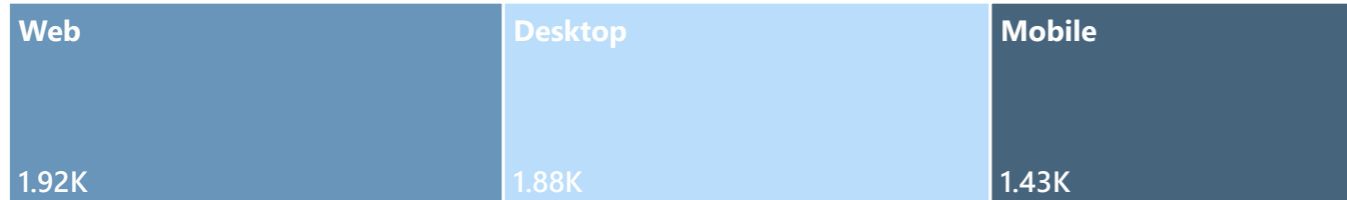
Power Automate Activity



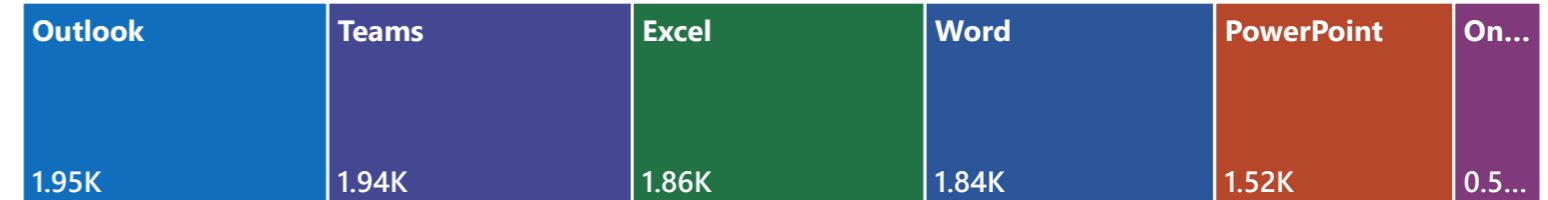
Office Application Access

Summary of use of M365 apps across the environment, with an overview of methods used to access plus combinations of access method.

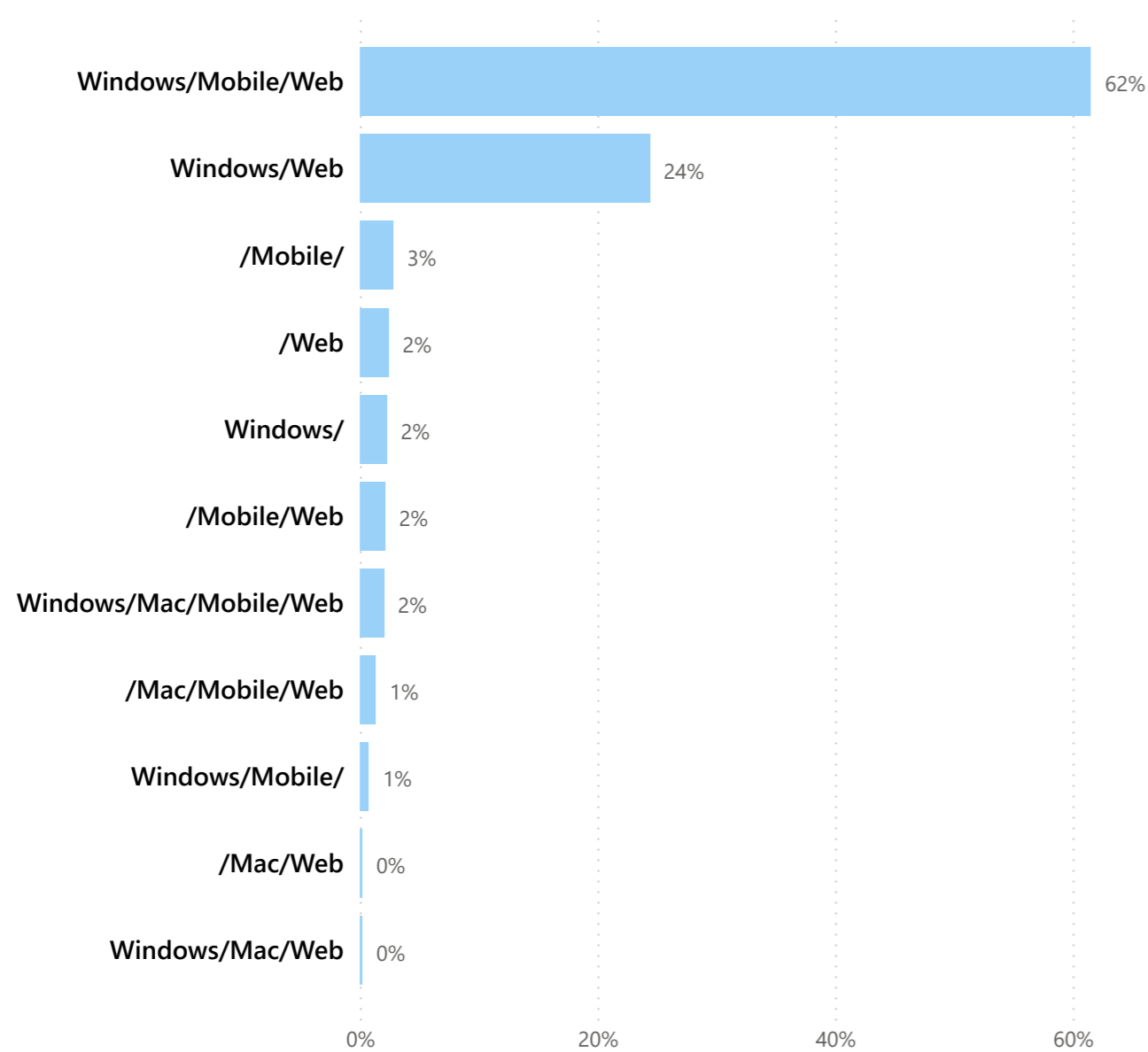
Distinct Accounts by OS



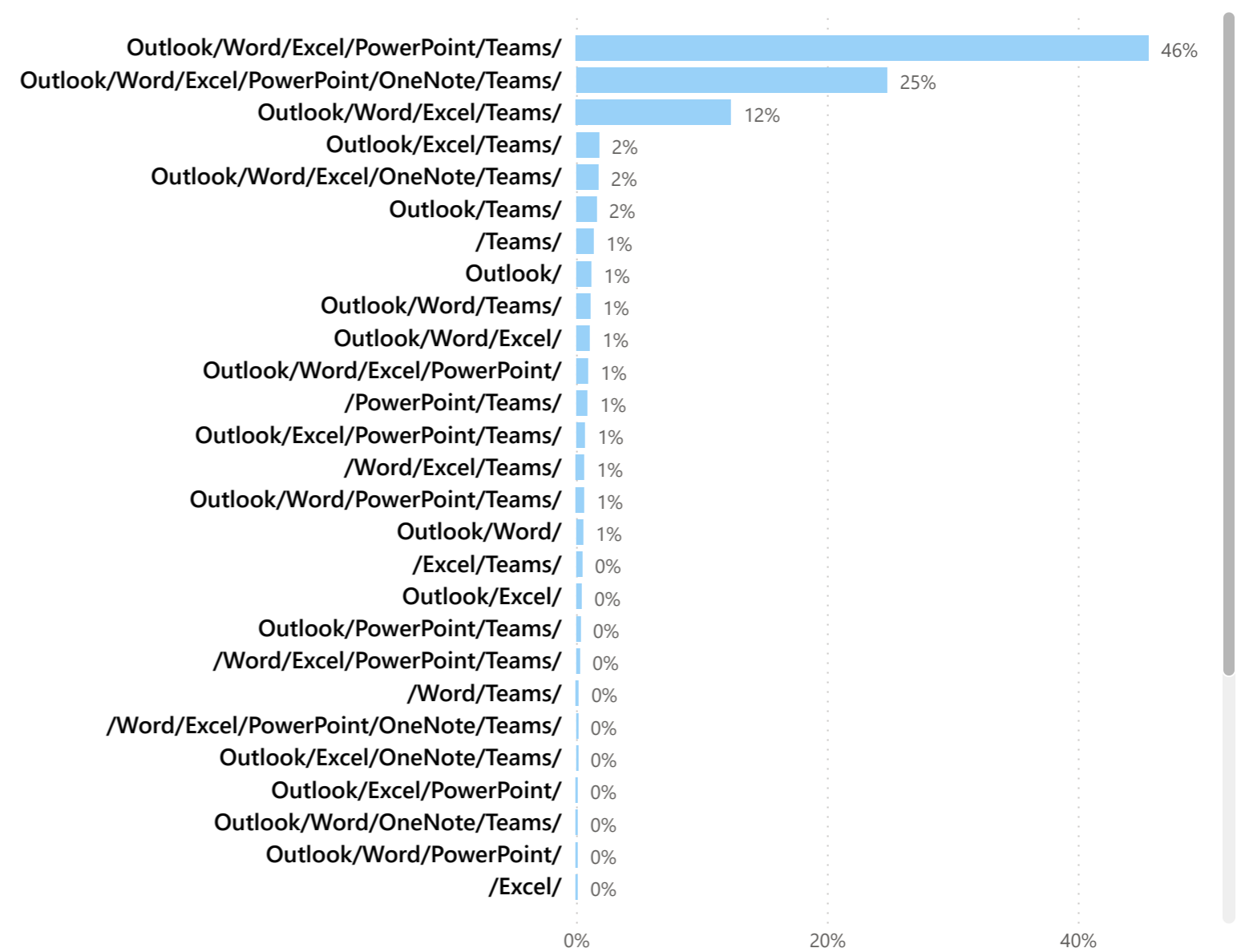
Distinct Accounts by Application



Windows Application Access Groupings by OS Summary



Windows Application Groupings by Account



Account Examples

Examples of underlying account details available for further data analysis, user profile is used as a representation of account name.

Active User Example

user Profile (Will display Account Name in Live Data)	Active User (<30D Account activity)	Account Enabled	Assigned M365 License Count	OneDrive Days Since Last Used	Exchange Days Since Last Used	SharePoint Days Since Last Used	Skype Days Since Last Used	Yammer Days Since Last Used	Teams Days Since Last Used	Total ProPlus Activations	Total Project Activations	Total Visio Activations	License Optimisation
Not Defined	1		1	-644	-5	-642				3	0	0	Active - licensed with Recent Account & Product Used
Not Defined	1		1	-585	-22	-80				1	0	0	Active - licensed with Recent Account & Product Used
Not Defined	1		2	-480	-286	-146			-146	2	0	0	Active - >90D No App usage (Not using O365 Products?)
Not Defined	1		1	-447	-46	-453			-431	4	0	0	Active - 45-89D No App usage (Not using O365 Products?)
Not Defined	1		1	-411	-5	-5			-114	1	0	0	Active - licensed with Recent Account & Product Used
Not Defined	1		1	-382	-5	-384			-384	1	0	0	Active - licensed with Recent Account & Product Used
Not Defined	1		1	-358	-216	-633				1	0	0	Active - >90D No App usage (Not using O365 Products?)
Not Defined	1		3	-356	-6	-8			-6	2	0	0	Active - licensed with Recent Account & Product Used
Not Defined	1		1	-327	-6	-39			-6	1	0	0	Active - licensed with Recent Account & Product Used
Total	1715	1715	3,819		-11794					4,054	20	41	

Inactive User Example

user Profile (Will display Account Name in Live Data)	Active User (<30D Account activity)	Account Enabled	Assigned M365 License Count	OneDrive Days Since Last Used	Exchange Days Since Last Used	SharePoint Days Since Last Used	Skype Days Since Last Used	Yammer Days Since Last Used	Teams Days Since Last Used	Total ProPlus Activations	Total Project Activations	Total Visio Activations	Assigned Licenses	Apps Summary
Not Defined	0		1	-187	-158	-193		-277	-58	0	0	2	Microsoft 365 E5	/PowerPoint/
Not Defined	0		1	-187	-158	-193		-277	-58	0	0	2	Microsoft Flow Free	/PowerPoint/
Not Defined	0		1	-187	-158	-193		-277	-58	0	0	2	Visio Online Plan 2	/PowerPoint/
Not Defined	0		1	-176	-70	-180			-85				Office 365 Enterprise E1	Outlook/Word/Excel/PowerPoint/Teams/
Not Defined	0		1	-161	-159	-160		-328	-148				*PRICING NOT NEEDED* Microsoft PowerApps Plan 2 Trial	Outlook/Word/Excel/PowerPoint/OneNote/Teams/
Not Defined	0		1	-161	-159	-160		-328	-148				*PRICING NOT NEEDED* Power BI (Free)	Outlook/Word/Excel/PowerPoint/OneNote/Teams/
Not Defined	0		1	-161	-159	-160		-328	-148				Microsoft 365 E5	Outlook/Word/Excel/PowerPoint/OneNote/Teams/
Not Defined	0		1	-161	-159	-160		-328	-148				Microsoft Flow Free	Outlook/Word/Excel/PowerPoint/OneNote/Teams/
Total	0	0	10		-538					2	0	2		