

CAPTURING AND EVALUATING ANALYTICS ON YOUR MICROSOFT 365 MATURITY MODEL PROGRESS



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Agenda

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- Envision IT's Microsoft 365 Maturity Model
 - The Maturity Survey
 - Microsoft 365 Analytics
 - Extending data with tyGraph
 - Decision Making with Analytics
 - Upcoming Webinar - Planning a Successful Migration

Recap: Maturity Principles

- There are 5 stages to the Envision IT Microsoft 365 Maturity Model:
 - Optimized (highest)
 - Proactive
 - Consistent
 - Ad Hoc
 - Informal (lowest)

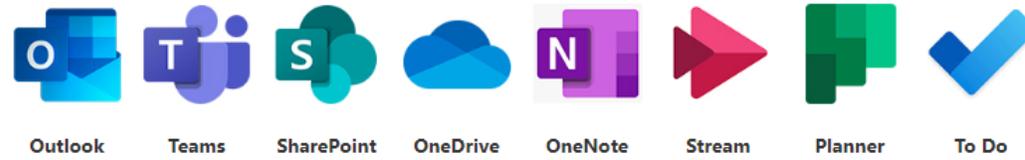


Recap: Microsoft 365 Maturity



Level	Teams	Stream	SharePoint	OneDrive	OneNote	Outlook
Optimized	Business transformation and process development; usage of >95%	All meetings are recorded and processed; policies exist to record based on retention and regulatory needs	External data is leveraged; multiple systems are integrated with SharePoint; usage >85%	All files and workloads are synchronized (local files do not exist) and integrated features are leveraged; usage >85%	All information and notes are stored in a corresponding OneNote and shared across the organization	Email outside the organization; all integrated features across M365 are leveraged (ribbon)
Proactive	Integrated Teams dependency across the organization; usage >90%	All meetings are recorded and recordings are distributed to content websites	Processes, forms and surveys are commonly used, reports are aggregated; usage >70%	Links are commonly used to share content, usage continues to increase >60%	OneNote files are shared via and from Teams throughout the organization	Internal email use decreases; information is increasingly shared between M365 apps with usage <75%
Consistent	Deployment across the organization; usage of >75%	>75% of meetings are recorded and made available after the call	SharePoint is the standard for information management and workloads; usage <50%	Users store their data in and via OneDrive; data is synchronized; usage >50%	Notebooks are shared; cross app functionality is used, standardization begins to occur	Client-side email rules and tags exist for individuals and businesses, folders are used and prioritized
Ad-Hoc	Cross-departmental usage; >40% of users are online with Teams	<50% of meetings are recorded	Information is shared within departments, links to content is common; usage >20%	Users store content infrequently unless prompted by M365 Apps	Structured note-taking across a business unit; categories and tabs are used in a formal way	Email is predictive as Teams use increases; ribbon functionality is >25% usage
Informal	General functional use in a single department (minimum)	Meetings are rarely recorded; Stream is not used	SharePoint is used for document storage and general information is posted to portals	Files are stored and synchronized in OneDrive without user knowledge	General usage for note-taking in user communities; quick notes are used	Basic use; email sent and received

What to Use When?



	Outlook	Teams	SharePoint	OneDrive	OneNote	Stream	Planner	To Do
Send and receive information	*	*						
Chat with others		*						
Store my files		*	*	*				
Store team files		*	*	*				
Capture best practices			*		*			
Manage my tasks	*						*	*
Manage team tasks							*	*
Manage my time	*	*						
Organize workspaces		*						
Develop documents			*	*	*			
Participate in online meetings		*						
Share screen / present information		*						
Record meetings		*				*		
Share videos						*		

Envision IT's Microsoft 365 Maturity Model - Assessment Questionnaire

Our Microsoft 365 Maturity Model is designed to assess your team and organization to set a path for usage success. An important part of this model is user feedback, and this questionnaire covers use case scenarios that all users can attest to. Please answer these questions honestly, and to the best of your knowledge, allowing us to work together to design alignment to the maturity model at your own pace.

<http://bit.ly/365Maturity>

Communications (Step 3 of 5)

This section focuses on how you and others communicate at work.

5. Which of the following represents how you communicate internally?

	Not Sure	Never	Rarely	Occasionally	Frequently
Email	<input type="radio"/>				
SMS Text Message	<input type="radio"/>				
Teams Individual Chat	<input type="radio"/>				
Teams Group Chat	<input type="radio"/>				
Teams Channel Conversations	<input type="radio"/>				
@mentions	<input type="radio"/>				
Teams Reactions	<input type="radio"/>				

Documents and Information Management (Step 4 of 5)

6. Where do you currently store your documents?

	Not Sure	Never	Rarely	Occasionally	Frequently
My Documents	<input type="radio"/>				
File Shares	<input type="radio"/>				
OneDrive for Business	<input type="radio"/>				
Microsoft Teams / Team Sites	<input type="radio"/>				

7. How do you share and collaborate on documents internally?

	Not Sure	Never	Rarely	Occasionally	Frequently
Email Attachment	<input type="radio"/>				
Link to OneDrive	<input type="radio"/>				
Link to SharePoint / Teams	<input type="radio"/>				

envision IT ExtranetUserManager
Microsoft 365 admin center
Dark mode The new admin center

- Home
- Users
- Groups
- Roles
- Resources
- Billing
- Support
- Settings
- Setup
- Reports
- Productivity Score**
- Usage
- Security & compliance
- Health

- Admin centers
- Security
- Compliance
- Endpoint Manager
- Azure Active Directory
- Exchange
- SharePoint
- Teams
- All admin centers
- Customize navigation
- Show less

Productivity Score

Transform how work gets done in your organization with insights about how people use Microsoft 365 and the technology experiences that support them. The score reflects performance against employee and technology experience measures and compares it with organizations like yours.

Employee experience

Communication

Organizations that use a variety of ways to communicate support different work styles, needs, and preferences.

56% of the people in your org use two or more products to communicate.

Content collaboration

When people collaborate with online files, each person saves almost 2 hours per week.

61% of the people in your org collaborate with online Office files.

Mobility

Access to email, files, and teammates on any device helps people get work done on their schedule.

59% of the people in your org use apps across multiple platforms.

Technology experience

Endpoint analytics

Endpoint analytics is not set up for your organization.

Endpoint analytics provides insights about device setup and startup times. To get these insights, turn on Microsoft Endpoint Management, and then turn on endpoint analytics. [Learn more](#)

[Set up endpoint analytics](#)

Network connectivity

Exchange, SharePoint, and Teams performance depends on your network architecture. Review and update your network settings to improve connectivity.

Your score: 59%

237/400 points

■ Your score ▼ Peer benchmark

This score reflects your organization's performance across measures of employee and technology experiences. This includes how people use Microsoft 365, as well as device setup and network connectivity.

[How we calculate your score](#)
[How we calculate peer benchmarks](#)

Score breakdown

Employee experience	169/300
<hr/>	
Technology experience	68/100

Score history

More information

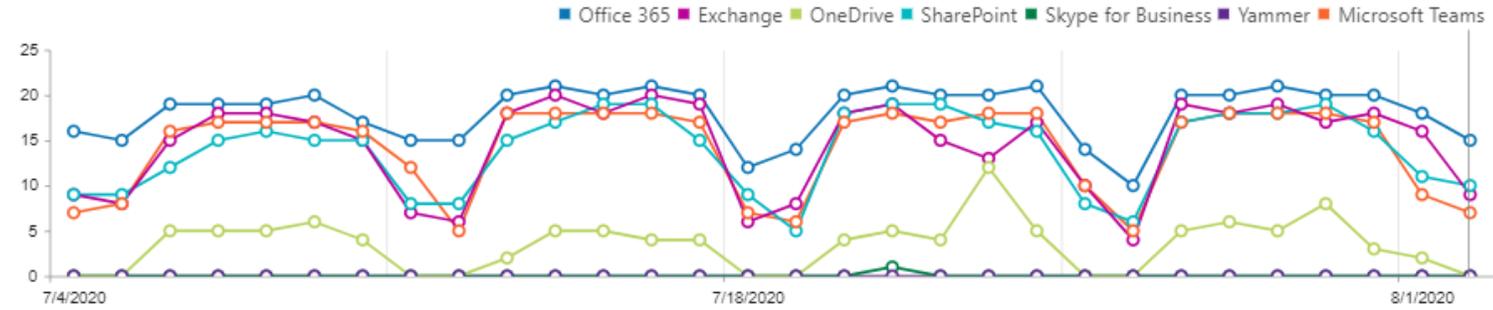
[Learn more about Productivity Score](#)

<https://docs.microsoft.com/en-gb/microsoft-365/admin/productivity/productivity-score?view=o365-worldwide>

Microsoft 365 Analytics – Usage

- Exchange >
- Forms >
- Forms Pro >
- Microsoft Teams >
- Office 365 >
- OneDrive >
- SharePoint >
- Skype for Business >
- Yammer >

Active users



Understanding Remote Work Elements

Has usage of communication solutions changed?

- 3.6% ↓ Email activity
- 11.5% ↓ Microsoft Teams user activity
- Yammer activity

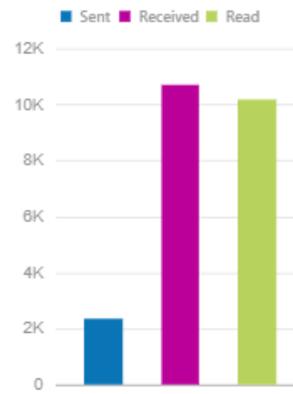
Has usage of Microsoft 365 apps changed?

- 5.0% ↑ Microsoft 365 Apps usage

How file activity in the cloud has changed?

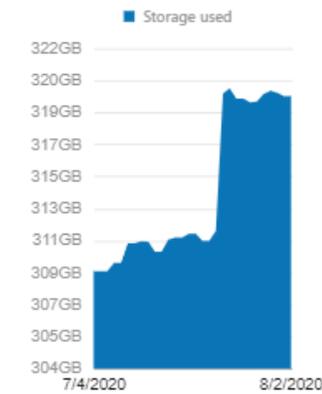
- 1.4% ↑ OneDrive activity
- 0.7% ↑ SharePoint activity

Email activity
13.1K 3.6% ↓



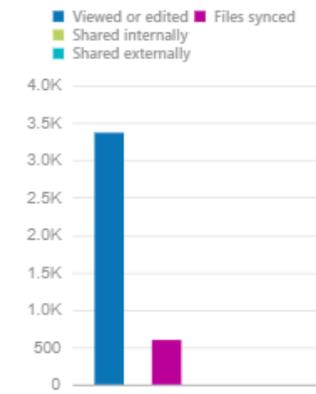
Active users - 22 of 32

OneDrive files
234.1K 1.4% ↑



Active users - 17 of 33

SharePoint files
88.0K 0.7% ↑



Active users - 20 of 33

Create Your Own Power BI

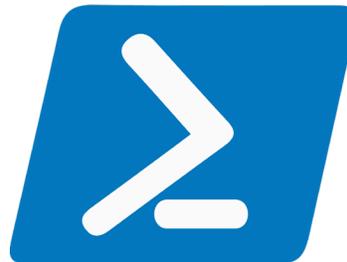
Graph API



Azure Automation



PowerShell



Power BI



<https://docs.microsoft.com/en-us/graph/api/resources/report?view=graph-rest-1.0>

<https://docs.microsoft.com/en-us/graph/reportroot-concept-overview>

OOTB Analytics and tyGraph

Which Microsoft products are you using today?

Product	OOTB	tyGraph Pulse
Microsoft Teams	Yes	Yes
Microsoft SharePoint	Yes	Yes
Microsoft Outlook	Yes	Yes
Microsoft OneNote	No	Yes
Microsoft Stream	No	Planned
Microsoft OneDrive	Yes	Yes
Microsoft Planner	No	Roadmap
Microsoft To-do	No	Roadmap

Which of the following represents how you communicate internally?

Product	OOTB	tyGraph Pulse
Email Only	Yes	Yes
Text Messaging	No	No
Teams messages	Yes	See below
Individual Chat	No	Yes
Group Chat	No	Yes
Channel Conversation	No	Yes
@Mentions	No	Yes

How do you currently store and share information?

Product	OOTB	tyGraph Pulse
My Documents on C:	No	No
File Shares	No	No
OneDrive for Business	Yes	Yes
Microsoft Teams / Team Sites	Yes	Yes

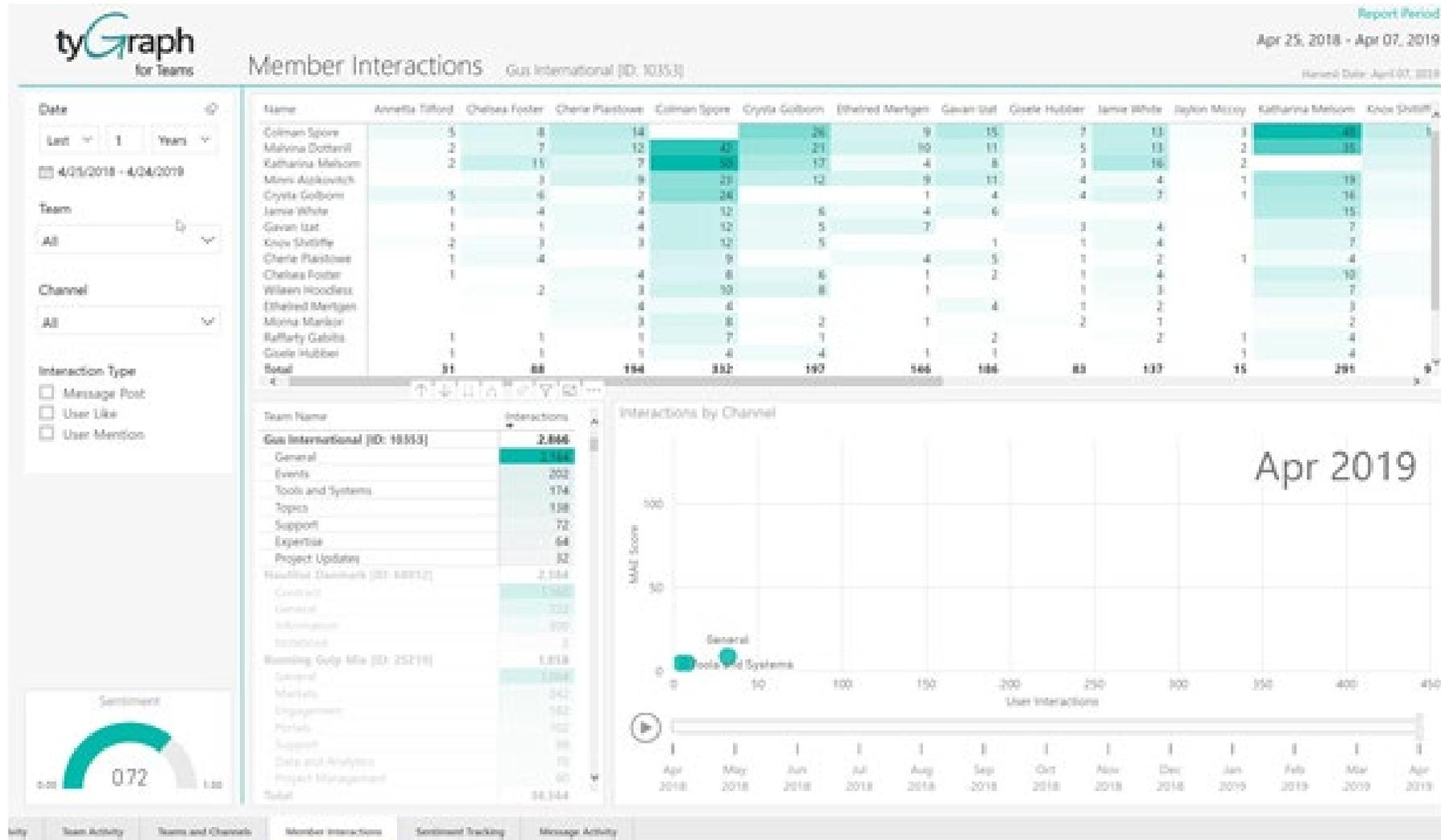
Sharing Links and Co-Authoring

Product	OOTB	tyGraph Pulse
Shared links	No	Yes
Co-Authoring	No	Data is available

What do you typically do when in a meeting?

Product	OOTB	tyGraph Pulse
Join via Microsoft Teams (desktop, app or web)	Unknown	Planned
Share your webcam and/or screen	Unknown	Planned
Record the meeting via Microsoft Stream	Unknown	Planned

Actionable analytics for Microsoft 365



Coming Up

- To learn more about Envision IT's Microsoft 365 Maturity Model, please book a meeting at:

<https://calendly.com/envisioneric>

Plan for a successful Migration into Microsoft 365

August 12

Moving from email centric communications and file share or ad-hoc document management to a Microsoft Teams and 365 focused modern workplace takes careful planning. Inventorying current document repositories, planning out an Information Architecture that is Teams-centric but supports document collaboration well too, and ensuring the proper balance of governance and controls.

Teams Maturity



Level	Teams	User	User II	Power User	Super User	Admin
Optimized	<i>Business transformation and process development; usage of >95%</i>	Collaboration with vendors, suppliers, and clients is enabled through Guest access	Planner is leveraged daily with users updating tasks and status regularly	Internal employee review cycles are fully automated and enabled by Teams	Hard to reach employees are empowered by the tool	Corporate events are performed via live event functionality, recorded, streamed and made available following the session
Proactive	<i>Integrated Teams dependency across the organization; usage >90%</i>	All communication is standardized - chat, channel conversations, messaging all in Teams	Prepare and use OneNote templates for meetings	Disengaged staff are enabled and online	Private channels are used on a regular basis	Governance and compliance policies are created and maintained internally
Consistent	<i>Deployment across the organization; usage of >75%</i>	All meetings are created via Microsoft Teams	Personalization of the Teams environment; Pinned chats Teams sorted and categorized	Information is pushed/received from Tabs and Apps	Microsoft Planner is consistently deployed and used to drive projects	Outlook meetings are pushed to OneNote for note-taking and minutes
Ad-Hoc	<i>Cross-departmental usage; >40% of users are online with Teams</i>	Used @ mention to draw attention from other users in multiple apps	Search for data/content in conversation threads (incl Exchange, SharePoint Online, OneDrive for Business)	Use expanded format mode for conversations, mark messages important, add subject	Slash commands are used internally	First third-party application is deployed on Teams
Informal	<i>General functional use in a single department (minimum)</i>	Participated in Teams Calls	Shared Screen with others	Chatted with another user	Participated in group chat	Used @ mention to draw attention to/from other users

Stream Maturity



Level	Stream	User	User II	Power User	Super User	Admin
Optimized	<i>All meetings are recorded and processed; policies exist to record based on retention and regulatory needs</i>	Resource roles are standardized for content ownership and video handling once processed	Scripts are created to automatically download recordings and publish to Teams or OneDrive for Business	Outreach, awareness and training campaigns are tracked and measured	API to extract Stream transcript into corresponding OneNote	Live events are used/recorded for corporate events, presentations and content sharing
Proactive	<i>All meetings are recorded and recordings are distributed to content websites</i>	Forms are embedded in Stream videos for content incorporation and feedback	Microsoft Stream app is standardized and deployed to staff on mobile devices	Stream usage, outcomes and successes are measured and evaluated	Scripts are created to automatically download recordings and publish to personal OneDrive's	Video transcription text is exported from Stream and used in meeting minutes or other documents
Consistent	<i>>75% of meetings are recorded and made available after the call</i>	Trending videos are tracked and pushed to users	Stream recordings are leveraged with new staff for training	Staff regularly use Stream when meetings are missed to review content	Stream Videos are embedded in SharePoint via Stream WebPart	Stream content is used across Microsoft 365 Apps (Yammer, SharePoint, OneNote, PowerPoint, Sway)
Ad-Hoc	<i><50% of meetings are recorded</i>	Users begin to "like" videos and share with teammates	Office 365 Group Workspaces are used to load appropriate content	Channels are used to organize content and followed by staff	All team members are trained on how to use Stream	Editing features are leveraged; editing video information, trimming a video
Informal	<i>Meetings are rarely recorded; Stream is not used</i>	Staff know where to locate Stream recordings	Team members know how to upload a video to Stream	Videos tab is added in Teams	Staff use search functionality within Stream	Recycle bin is used to recover an accidentally deleted video (30 day limit)

SharePoint Maturity



Level	SharePoint	User	User II	Power User	Super User	Admin
Optimized	<i>External data is leveraged; multiple systems are integrated with SharePoint; usage >85%</i>	Power BI report server generates business metrics and KPI's on scheduled intervals	Vendor and customer management is performed in SharePoint	Surveys are used to gauge employee feedback and performance	All internal self-service functions leverage SharePoint (leave requests, vacation, etc)	Integration with Power Apps, Power BI and Power Automate - used to create business critical workflow
Proactive	<i>Processes, forms and surveys are commonly used, reports are aggregated; usage >70%</i>	SharePoint is used as a workplace on a daily basis	Adoption support is made available to new staff (personal and Stream content)	Administrators leverage SharePoint's built-in site usage reporting to measure impact & usage	Internal processes and workflows are created/leveraged to modernize processes	Developers are using SPFx to create webparts
Consistent	<i>SharePoint is the standard for information management and workloads; usage <50%</i>	Team sites are used for collaboration, news events are posted for cross-company consumption	Search is used across sites and workspaces	Communication Sites are used for internal content publishing and shared with team members	Stream Videos are embedded in SharePoint via Stream WebPart	Line of Business systems are integrated and enabled (Financial, HR)
Ad-Hoc	<i>Information is shared within departments, links to content is common; usage >20%</i>	Documents are edited in-browser	Co-authoring is used when working on files	Lists and libraries are added to Team Sites; content is synchronized	Version history is enabled and users can recall previous versions	Records management tools enabled; metadata, e-discovery, retention are used
Informal	<i>SharePoint is used for document storage and general information is posted to portals</i>	Staff can locate project and file data as needed (document libraries)	Files are shared between team members (sole source content)	SharePoint Documents are accessed and downloaded	Sites are shared internally and externally (as required)	Microsoft 365 applications are commonly leveraged for information sharing

OneDrive Maturity



Level	OneDrive	User	User II	Power User	Super User	Admin
Optimized	<i>All files and workloads are synchronized (local files do not exist) and integrated features are leveraged; usage >85%</i>	Business cards and expense receipts are scanned with OneDrive mobile	Recycle bin is used to recover files	OneDrive Files Restore is used to restore files over the past 30 days	Customer lockbox is used when for Microsoft support	Companies use auditing on individual file actions and usage to promote training and adoption
Proactive	<i>Links are commonly used to share content, usage continues to increase >60%</i>	Content is driven from the same OneDrive input file enabling downstream reports refresh	Microsoft OneDrive app is standardized and deployed to staff on mobile devices	Intelligent discovery of documents	Data Loss Prevention enabled and leveraged as required	Retention, auditing and alerts are configured based on user needs
Consistent	<i>Users store their data in and via OneDrive; data is synchronized; usage >50%</i>	OneDrive and OneDrive for Business are used correctly and effectively	A champions program is created to guide OneDrive maturity across the organization	Best practices are developed; experts and teams company-wide share best practices for user success	Link policies are created (shareable, internal, direct)	Multi-factor authentication, rights management, remote wipe, and data loss prevention controls are used
Ad-Hoc	<i>Users store content infrequently unless prompted by M365 Apps</i>	Links are created per shared user and time boxed, expiring per a specified schedule	File links are used and sent to connect files to conversations (Teams)	Select files are intentionally downloaded for working offline	Files are distributed and comments/edits are captured to track changes	Links are shared outside the organization to access content
Informal	<i>Files are stored and synchronized in OneDrive without user knowledge</i>	Users are aware that their files are backed up in OneDrive	Files are accessed from anywhere (laptop, desktop, mobile)	Links are shared between team members to distribute content	Coauthoring is used as needed (Word, Excel, PowerPoint)	Content is updated whenever and wherever knowing content will be updated once online

OneNote Maturity



Level	OneNote	User	User II	Power User	Super User	Admin
Optimized	<i>All information and notes are stored in a corresponding OneNote and shared across the organization</i>	Uses CTRL shortcut keys to assign tags to existing notes	Uses Page Versions feature to restore content mistakenly overwritten	Tasks and To-Do integration is used to manage tasks across apps (Outlook)	Uses math calculations features inline and from handwritten formulas	All corporate content is categorized and managed in OneNote, made available across the organization
Proactive	<i>OneNote files are shared via and from Teams throughout the organization</i>	Links are used within a notebook to relevant content	Microsoft OneNote app is standardized and deployed to staff on mobile devices	OneNote content is leveraged in Microsoft Teams contextually and within the appropriate channel	Retention policies are created and managed for	OneNote training material is made available via Microsoft Stream
Consistent	<i>Notebooks are shared; cross app functionality is used, standardization begins to occur</i>	OneNote templates are created and used in recurring projects to organize notes in a specific way	Custom tags are created by users for use across projects and notebooks	History tab and page versions are used as required	Containers are used on pages to control content placement	Users leverage text translation is as required
Ad-Hoc	<i>Structured note-taking across a business unit; categories and tabs are used in a formal way</i>	Pages are promoted, demoted and collapsed in navigation	Multiple windows are enabled to view content (multiple monitors)	Email to OneNote service is used for message categorization	Sticky-notes are used to take quick notes and speed up work results	Organizational tags are created for use across OneNote instances
Informal	<i>General usage for note-taking in user communities; quick notes are used</i>	Navigation is used between pages, sections and notebooks	Notebooks are protected with passwords	Information is recorded in tabs and pages	OneNote's typical notebook, section, and pages approach is understood	Users create and share links, highlight text or paragraph, link to pages or copy link to paragraph

Outlook Maturity



Level	Outlook	User	User II	Power User	Super User	Admin
Optimized	<i>Email outside the organization; all integrated features across M365 are leveraged (ribbon)</i>	Meeting Insights are used to gather analytics prior to meetings (as required)	“Schedule a reply” is used to block time for working on a relevant message	Changes/edits the number of lines available in message preview to enhance viewing	Uses Outlook search folders to customize search experience, matching specific items	Creates quick-steps and processes to support and enhance usage
Proactive	<i>Internal email use decreases; information is increasingly shared between M365 apps with usage <75%</i>	Create a task from Microsoft To-Do directly from an email message	Microsoft Outlook app is standardized and deployed to staff on mobile devices	Cortana’s Play My Emails feature is used to receive a readout of new messages	Send my Availability is used in Outlook mobile	Policies are created to secure confidential and personal information
Consistent	<i>Client-side email rules and tags exist for individuals and businesses, folders are used and prioritized</i>	Relevant email is forwarded to a Microsoft Teams channel as needed	Spam folders are scanned on a scheduled basis to ensure relevant email is not misdirected	Multiple time-zones are used to ensure meetings are created based on local participants needs	Send-later functionality is used to ensure email is sent during business hours (or relevant times)	Advanced phishing and malware services are enabled to protect inboxes
Ad-Hoc	<i>Email is predictive as Teams use increases; ribbon functionality is >25% usage</i>	Meetings and appointments are scheduled with Outlook (and Teams)	Meeting acceptances and declines are sent in response to requests	Folders are created in inboxes to categorize email	Search is leveraged using operators, punctuation and keywords to narrow results	Standards are implemented and maintained for formatting and content
Informal	<i>Basic use; email sent and received</i>	Inbox is monitored for incoming email	Replies and forwards are sent for relevant messages	Training is available for users who are uncertain on Outlook’s full capabilities	Time is set aside for users to review/clean inboxes and reply to email as appropriate	Formal signatures are created and used across the organization