



What's New and Roadmap

Microsoft Teams for Education



Max Fritz

Sr. Program Manager
Teams Engineering



@theCloudSherpa



Years of change in months

183K

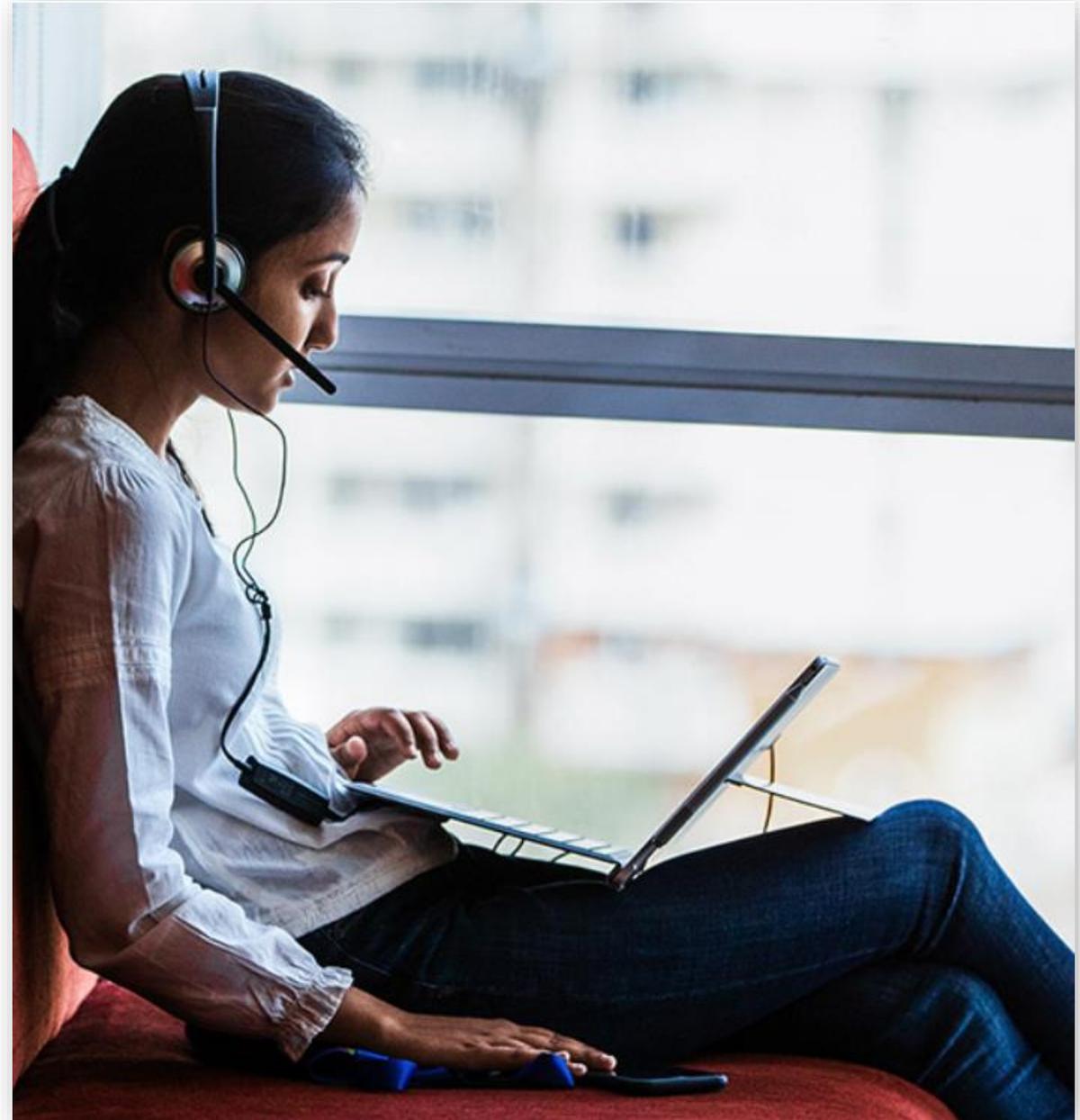
Institutions using Microsoft Teams for Education.

75M

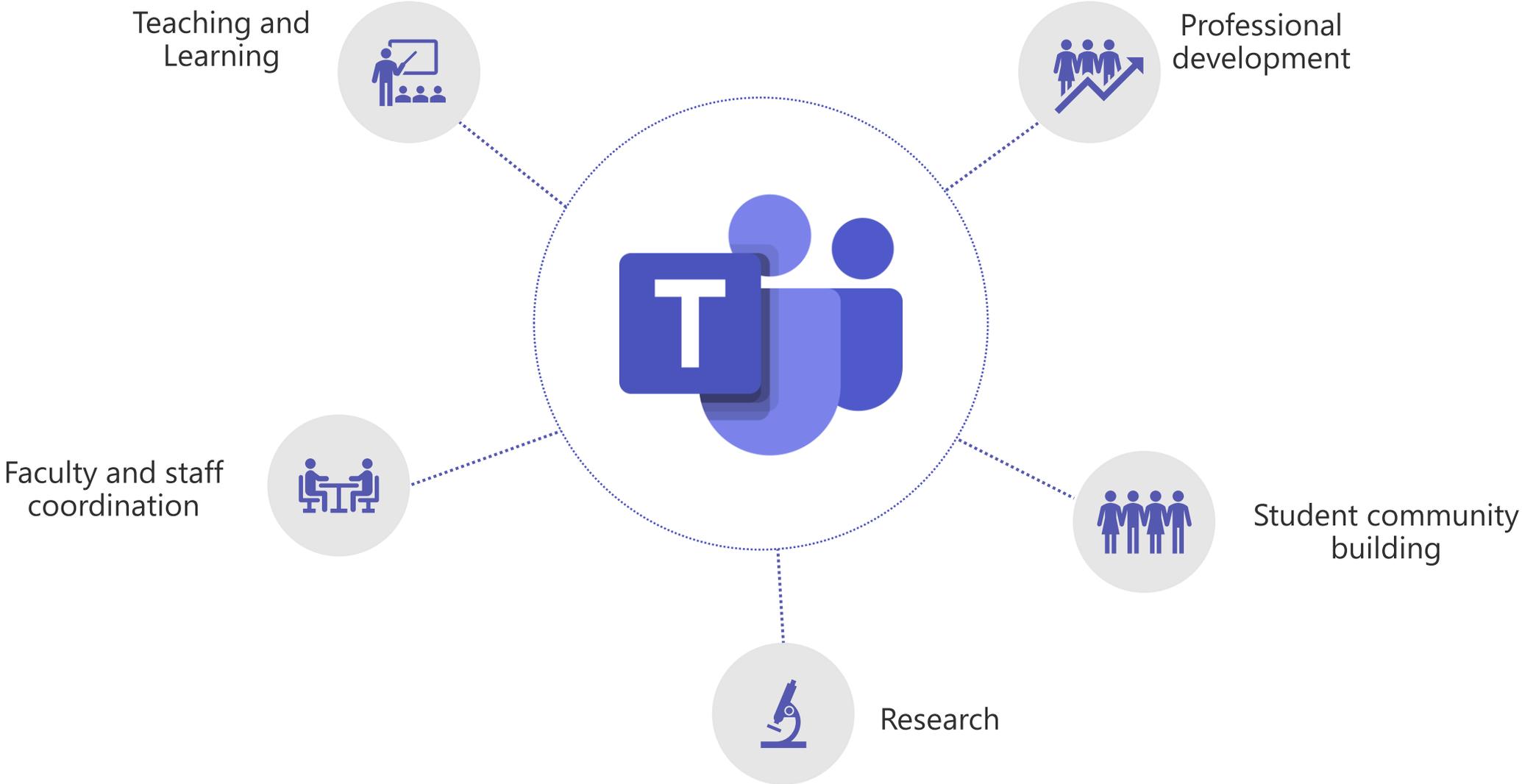
Daily active users of Microsoft Teams (April 2020).

4.1B

Meeting minutes in a single day (April 2020).



One Hub. Everyone Connected.



Microsoft Teams

The hub for teamwork in Microsoft 365



Persistent 1:1 & Group Chat



Powerful Online Meetings

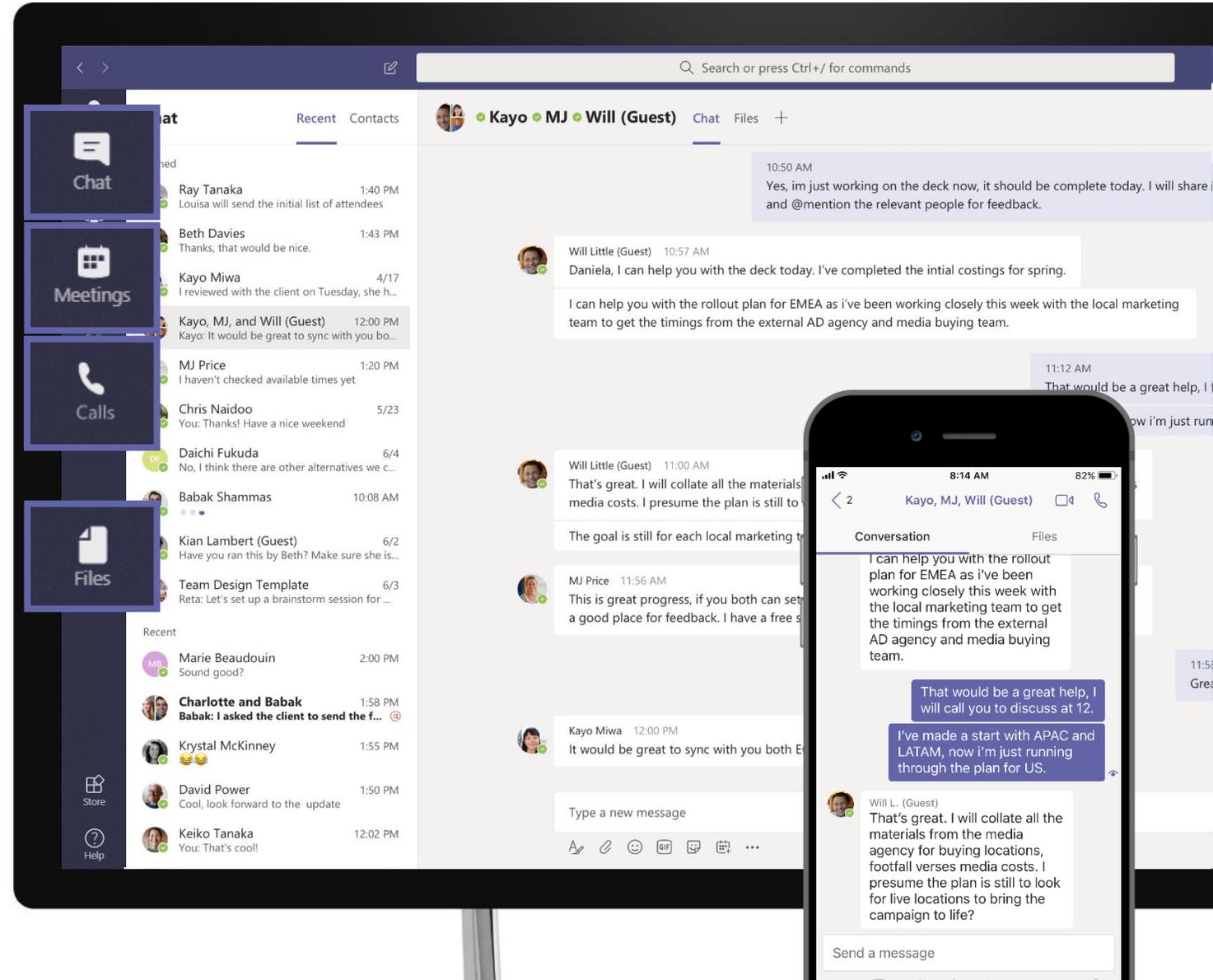


Enterprise Calling & Voice

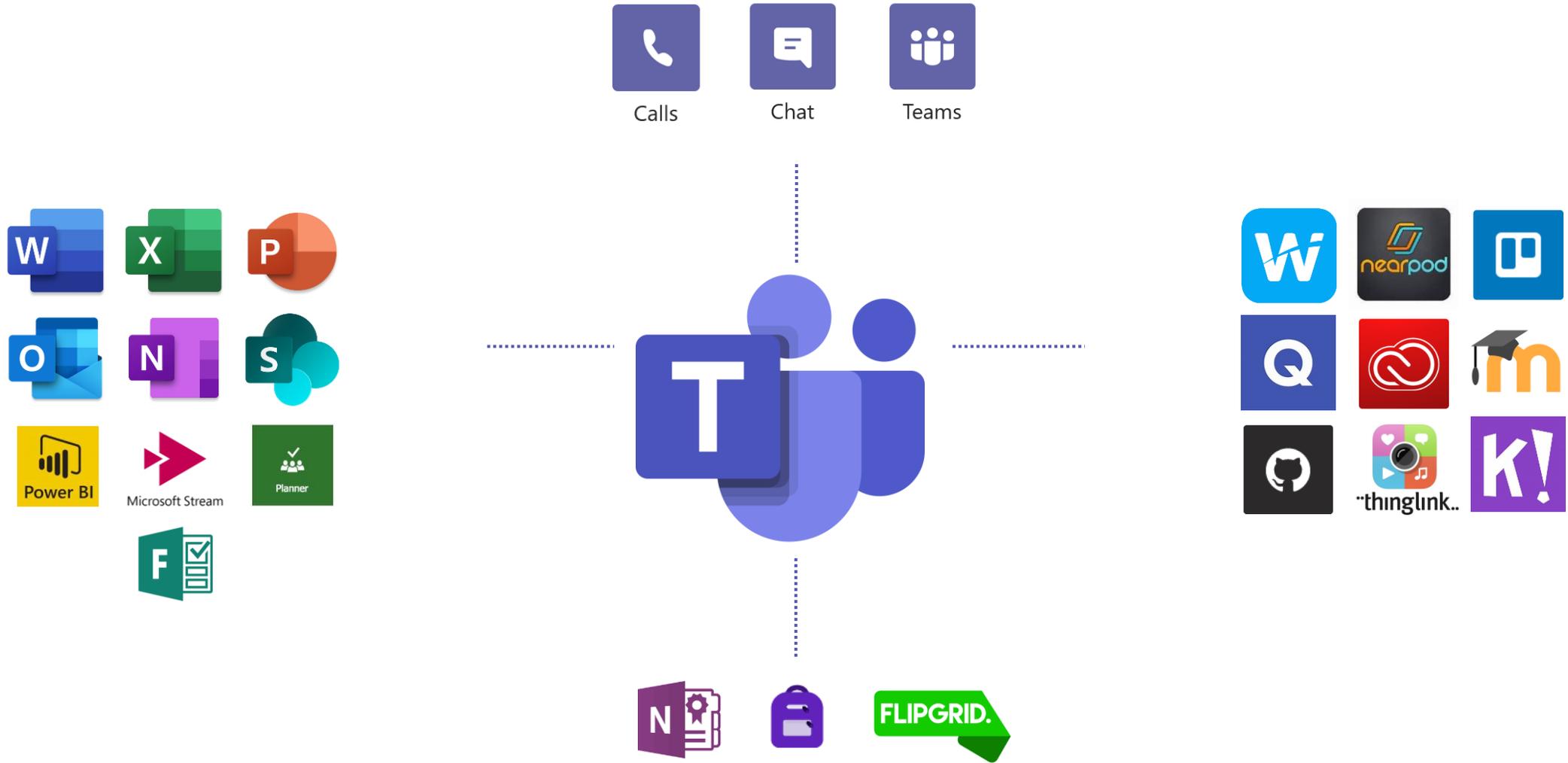


Built-in Office 365 Apps

Built with the enterprise-grade security and compliance you can rely on



One Hub. Everything Connected.





What's New



Recently released

Features			
<p>Shipped in CYQ2/2020</p>	<ul style="list-style-type: none"> • 3x3 video-optimized meeting grid • Raise hands • Meeting attendance report download • Presenter/attendee controls easily accessible in Participant pane • Share system audio in Teams live events 	<ul style="list-style-type: none"> • Background blur for iOS • Background effects (v1 – choose from pre-selected backgrounds) • End meeting for all participants • Ability to shut off entry/exit announcements for PSTN callers 	<ul style="list-style-type: none"> • Update default Teams meeting policy to enforce lobby in meetings for external users • Enable organizers to change lobby settings for PSTN meeting participants
<p>Shipped in CYQ1/2020</p>	<ul style="list-style-type: none"> • Multiple-redundancy bandwidth management • Live captions for mobile devices (English preview) • Bookings App integration 	<ul style="list-style-type: none"> • Citrix VDI Support for Teams Meetings • eDiscovery enhancements • Additional countries for Audio Conferencing • Tenant and user-level meeting and live event policies 	<ul style="list-style-type: none"> • Improved call analytics • Low latency CQD reports
<p>Shipped in 2019</p>	<ul style="list-style-type: none"> • Meeting options • Live events GA with live captions • Share Microsoft Whiteboard • Meeting recording with PPT and share recording • Audio conference: PSTN join option on pre-join • Audio conference: active PSTN speakers • Mobile: 1-click join via lock screen and 	<ul style="list-style-type: none"> • Outlook Mobile • Mobile: PSTN dial in and Call Me Back • Mobile: 1-click screenshare • Blur my background • Meeting start and missed meeting nudge • Teams Meeting, Recording & Live Events in GCC • "Meetings First" mode for Teams • Web meeting: plug-in free video in Chrome 	<ul style="list-style-type: none"> • Web meeting: outbound screen sharing in Chrome • Screen sharing with system audio • Screen sharing with content zoom in/out • Meet Now • Pin participant • Intelligent join: MTR proximity join and content join • Presenter and attendee roles

Recently released



New meeting experience

Student safety

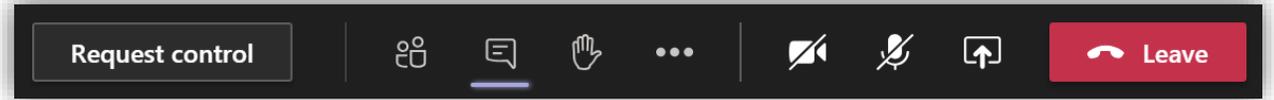
- Student Lobby
- Organizer only meeting start
- Educator-led team creation
- Student wellbeing, Reflect app

Class engagement

- Raise hand
- Live captions
- Class materials on Android
- 300 attendees in meetings
- Bookings
- Updated Whiteboard in Teams
- D2L Brightspace Course Connector
- Turn-in celebrations

Analytics

- Updated attendance Report



Public Preview

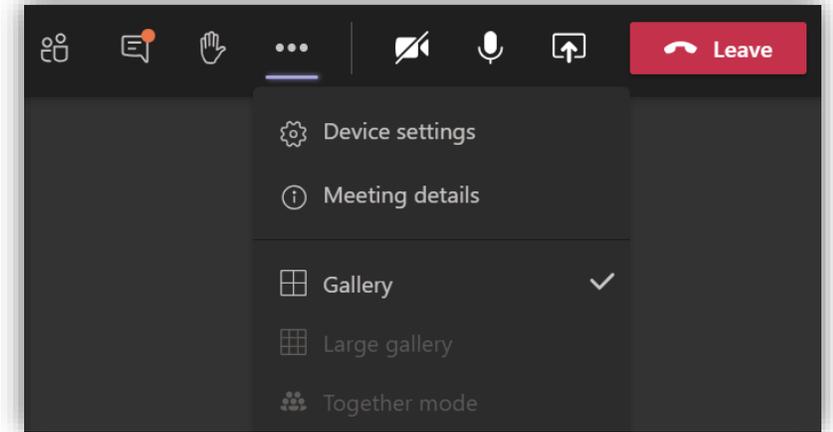
- 7x7 video
- Together mode
- Insights for Leaders

Private Preview

- Breakout rooms

IT Pros

- **Communication Compliance (student safety)**
- **Student Lobby (student safety)**
- **Organizer only meeting start (student safety)**
- **Group Policy Assignment (governance)**
- **Batch Policy Package (governance)**
- **Teamify for SDS created classes (governance)**
- **Early Class Access API (governance)**
- **Custom Video background policy (governance)**
- **GradeSync to OneRoster API**

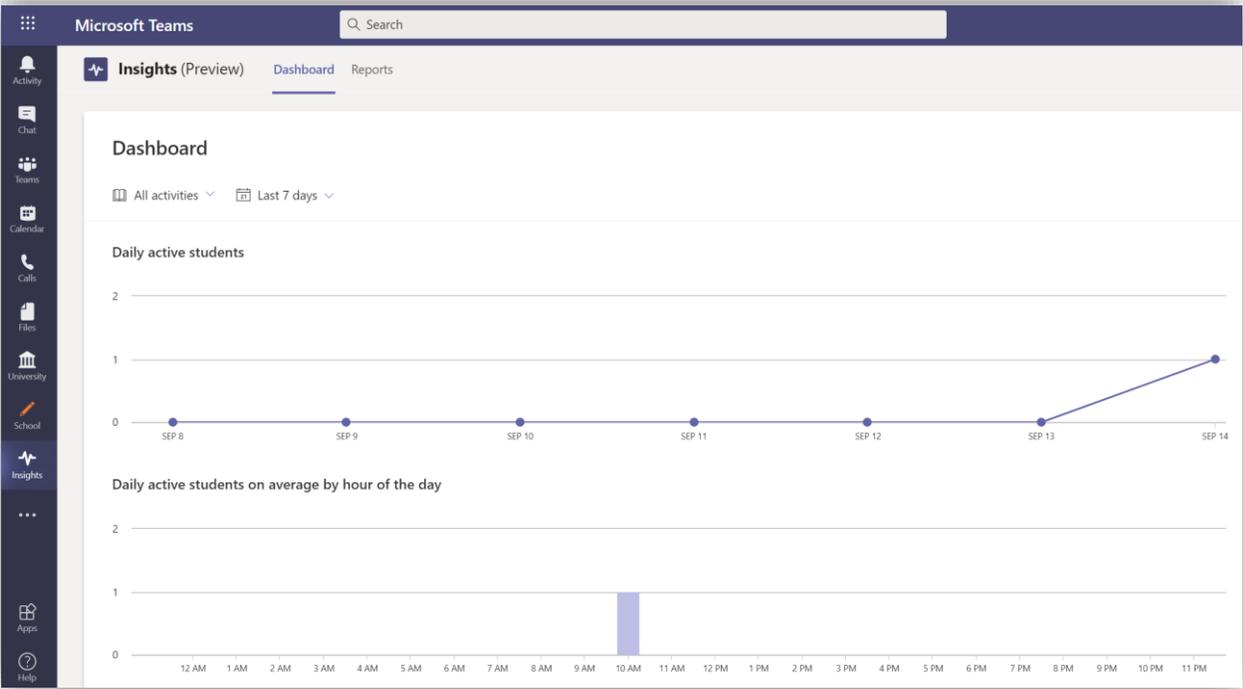


Large gallery (7x7)
Together mode

Recently released



Leaders



The screenshot shows the 'Meeting options' panel for a meeting titled 'EduEdge 2020' on September 14, 2020, from 10:30 AM to 11:00 AM, hosted by Cara Coleman. The panel includes several settings:

- Who can bypass the lobby? Only me
- Always let callers bypass the lobby: No
- Announce when callers join or leave: No
- Who can present? Only me

A 'Save' button is located at the bottom right of the panel.



Educators



IT Pros

The screenshot shows the 'Participants & guests' settings panel. It includes the following settings:

- Let anonymous people start a meeting: Off
- Roles that have presenter rights in meetings: Organizers, but users can override
- Automatically admit people: Off
- Allow dial-in users to bypass the lobby: Off
- Allow Meet now in private meetings: On
- Enable live captions: Disabled but the user can override
- Allow chat in meetings: Enabled

The 'Roles that have presenter rights in meetings' setting is highlighted with a yellow circle, and its dropdown menu is open, showing the selected option 'Organizers, but users can override' also highlighted with a yellow circle.

Recently released

7x7 video (*Public Preview*)

Together mode (*Public Preview*)

Raise hand

Live captions

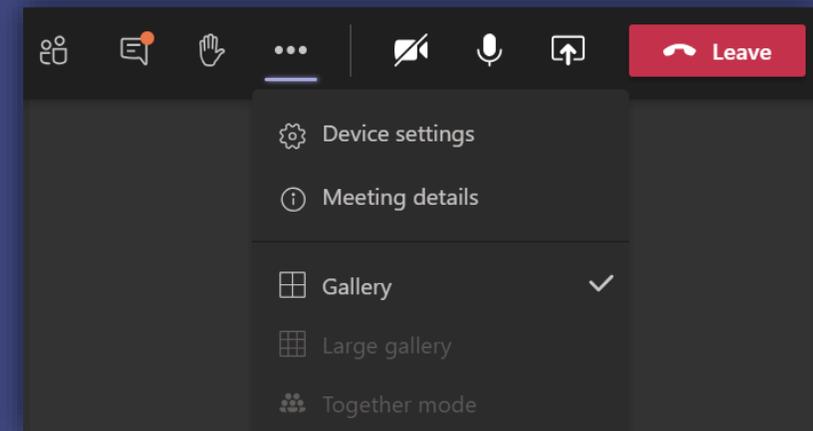
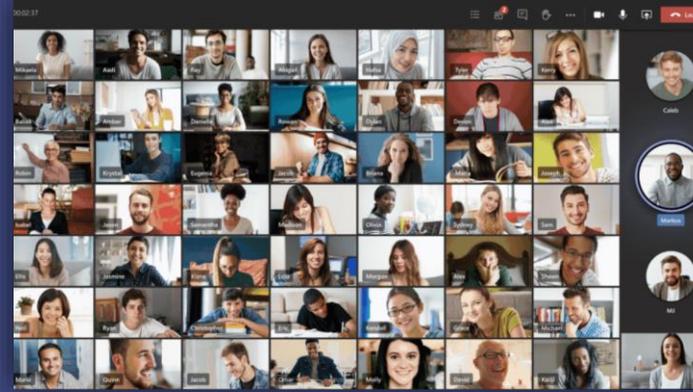
Translation on mobile

SCORM support via GO1 app

300 attendees in meetings

Spotlight Video

Hard audio mute

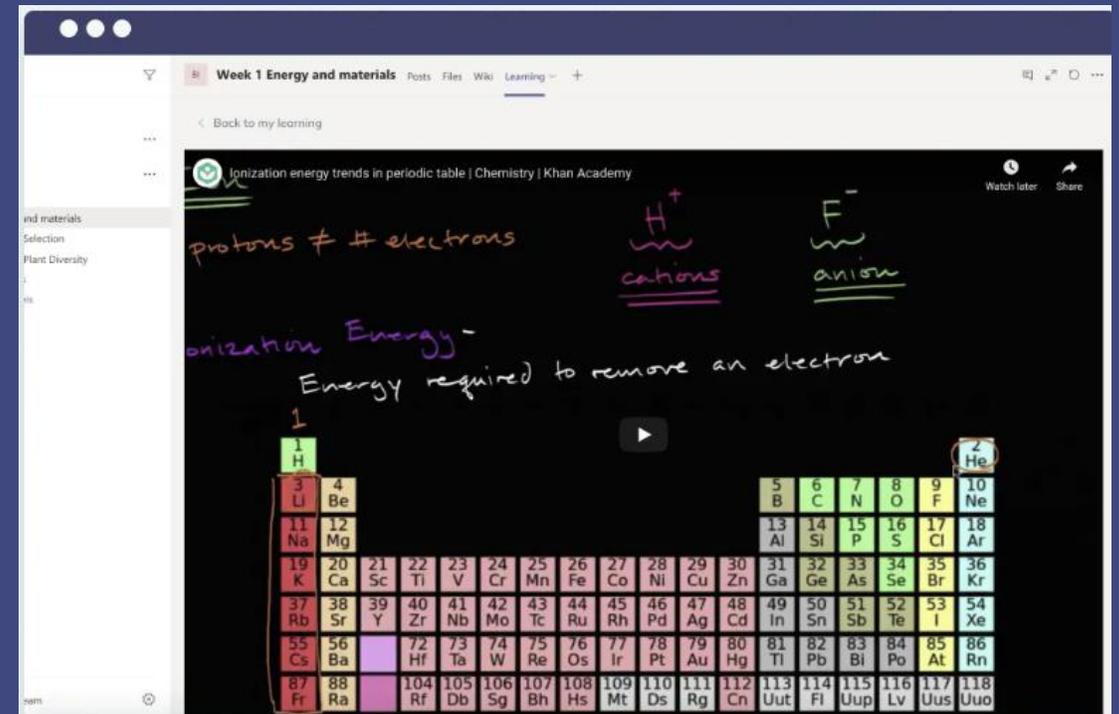
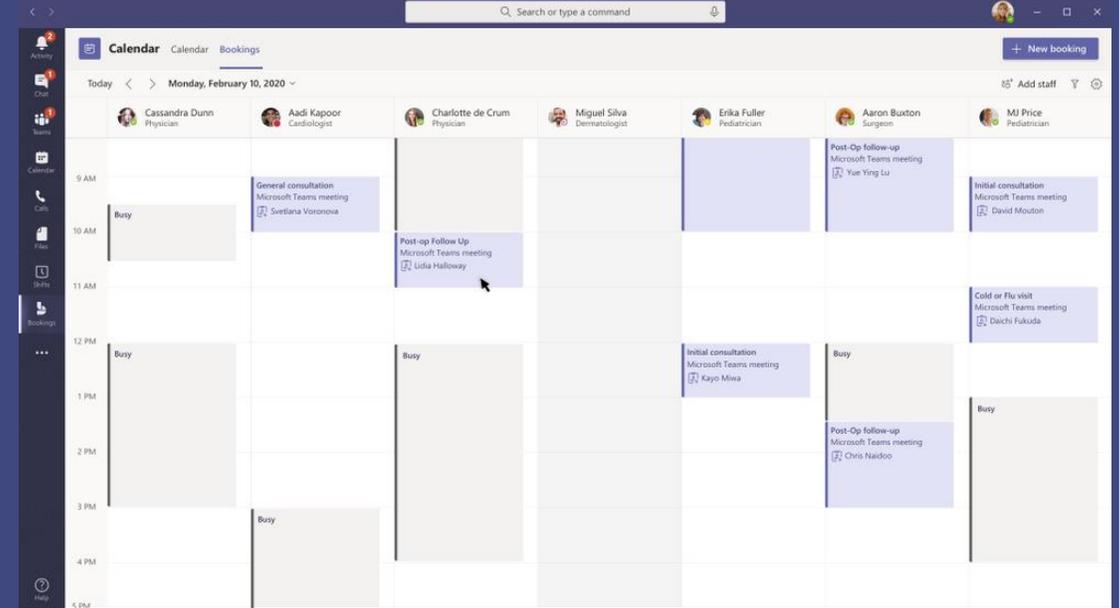


Available Teams now

[Bookings app](#) in Teams for easy management:

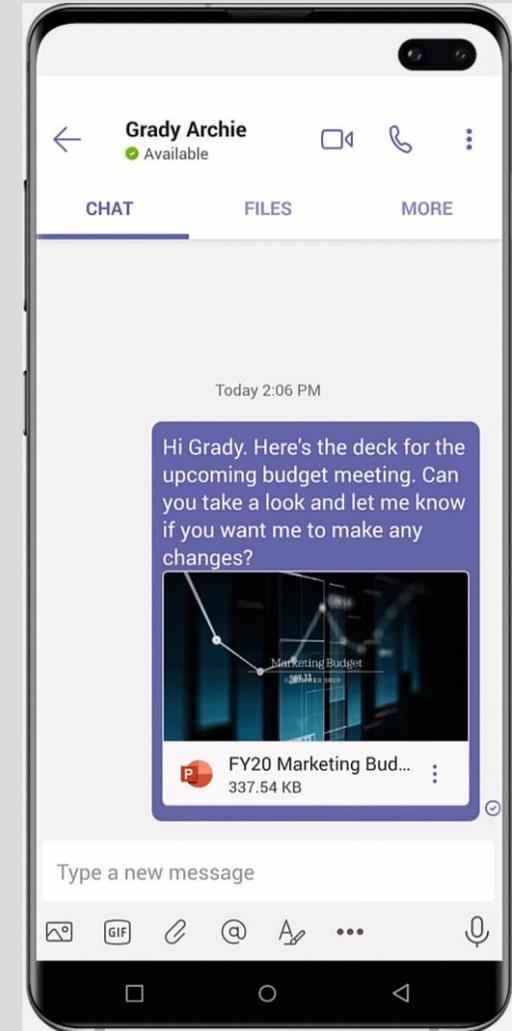
- Office hours
- Tutorials
- Mentoring
- More

Access SCORM, xAPI and other rich learning resources in Teams [using GO1 app](#).



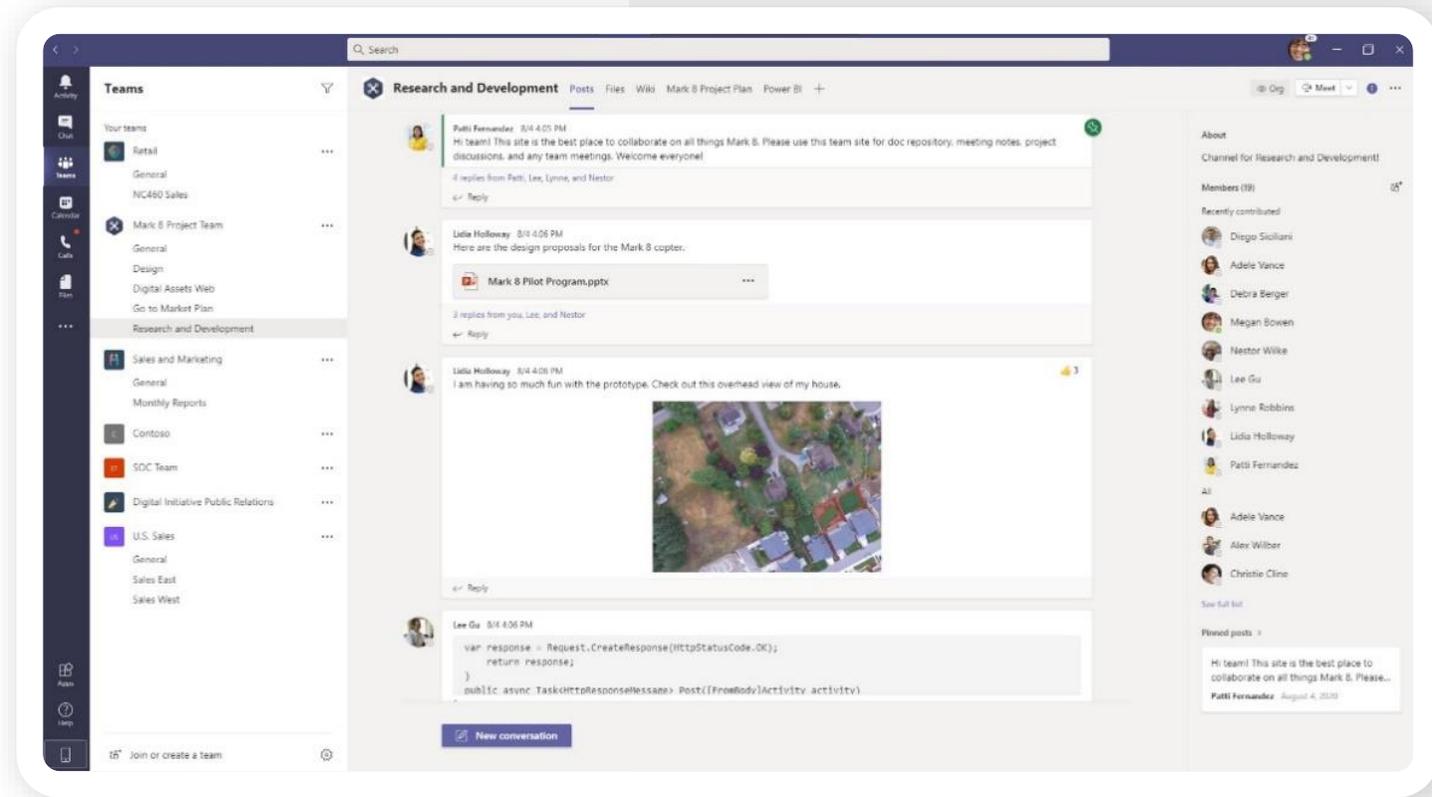
Suggest replies on mobile

Rolled out to Teams on iOS and Android, suggested replies in Teams chat uses assistive AI to create short responses based on the context of the previous message. Users are be able to reply to messages with just a tap.



Info pane, pinned posts, and new conversation button in channels

Available now, the channel info pane provides an at-a-glance summary of active members, important posts pinned by members, and other relevant information in each channel. This is great for new members getting up to speed or existing members who want to stay in the know. We're also making creating new channel conversations vs replying to existing ones more intuitive with the new conversation button.



Microsoft Graph API for Teams DLP

Earlier this year we [announced the public preview of the Microsoft Graph Change Notification API](#) for messages in Teams which enables developers to build apps that can listen to Teams messages in near-real time enabling DLP scenario implementations for both customers and ISVs. Additionally, the Microsoft Graph Patch API allows applying DLP actions to Teams messages. Together, these two APIs form the Microsoft Graph API for Teams DLP and we are excited to announce their general availability.

Release timing: September

Microsoft Graph API for Teams Export

Enterprise Information Archiving (EIA) for Microsoft Teams is a key scenario for our customer as it allows them to solve for retention, indexing, eDiscovery, classification, and regulatory requirements. The Teams Export API allows the export of Teams Messages (1:1 and group chat) along with attachments (file links and sticker), emojis, GIFs and user @Mentions. This API supports polling daily Teams messages and allows archiving of deleted messages up to 30 days.

Release timing: September (public preview)

What's coming / Roadmap



Coming soon

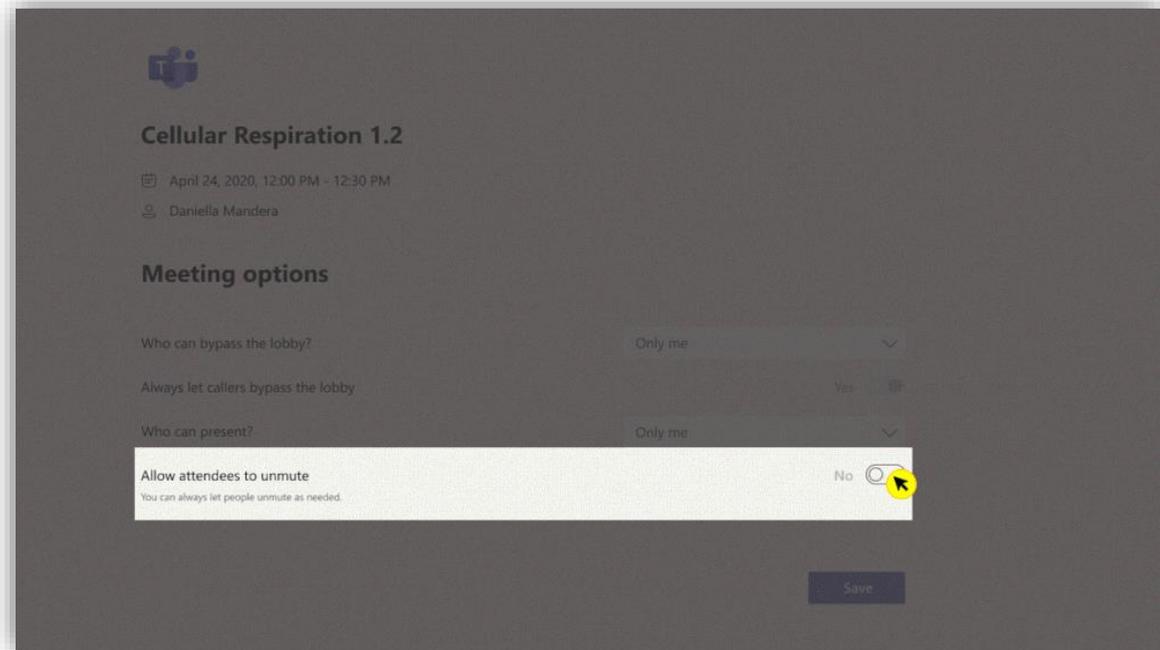
- Breakout rooms
- Hard Audio Mute
- Spotlight
- Dynamic View
- Anonymous Grading
- Insights updates
- 1,000 attendees in meetings (Adv Comms)



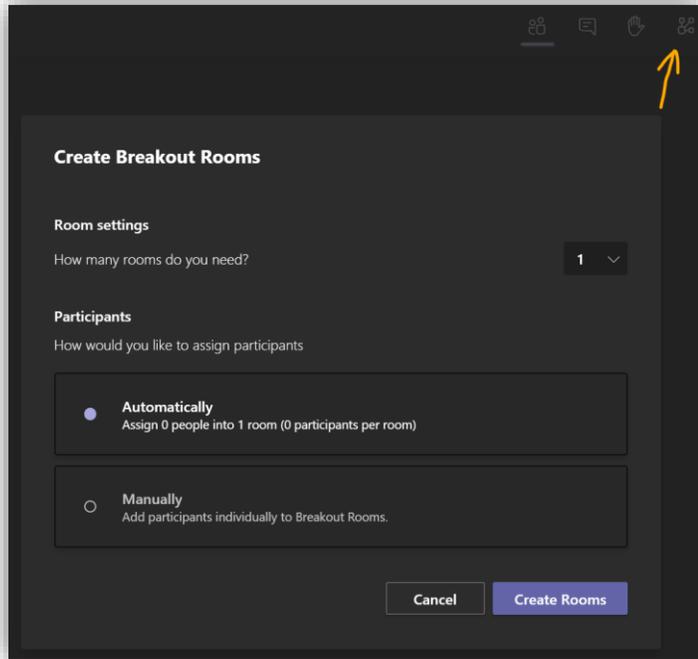
Dynamic
view



Hard Audio
Mute

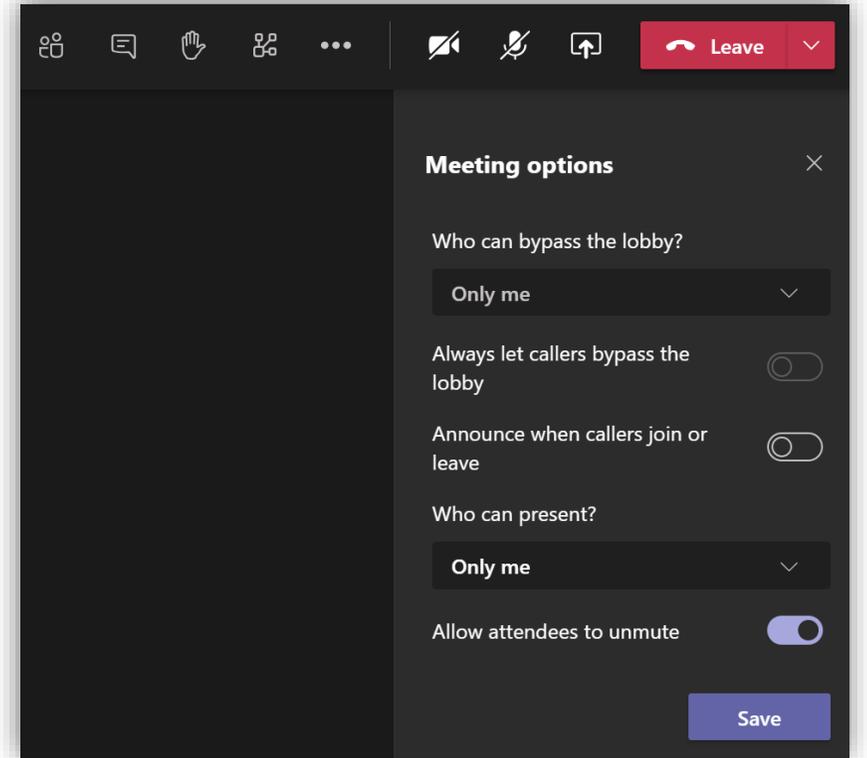


Coming soon

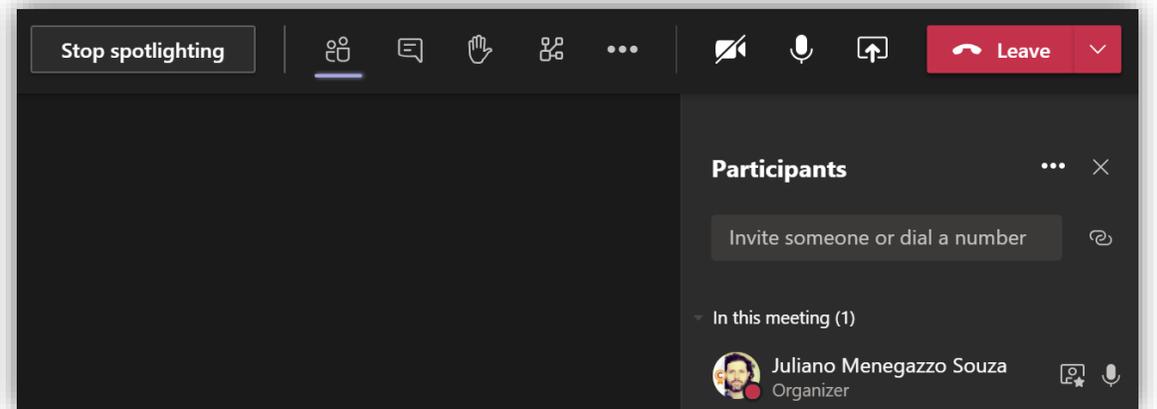
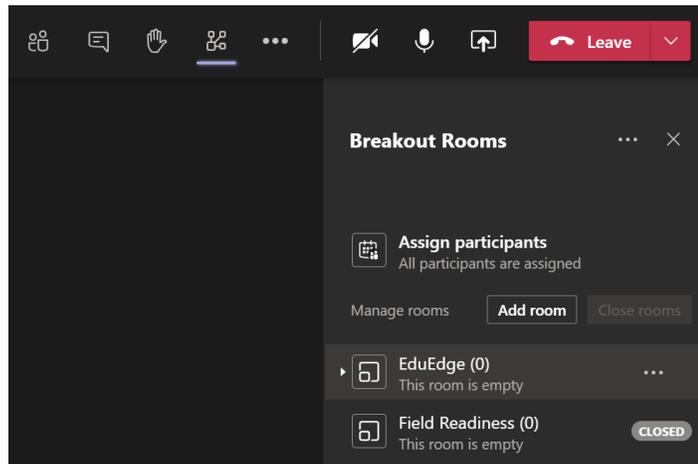


Breakout rooms

Meeting options
Hard audio mute
Presenter role
Student lobby



Spotlight





Microsoft 365 Canvas Integrations

A suite of Microsoft tools for your LMS

- 
- 
- 
- 
- 
- 
- 
- 

- Home
- Announcements
- Assignments
- Discussions
- Grades
- People
- Pages
- Files
- Syllabus
- Outcomes
- Quizzes
- Modules
- Collaborations
- Teams Meetings
- Settings

Teams Meetings

+ New meeting

September 2020



Today ← → September 2020

S	M	T	W	T	F	S
30	31	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	1	2	3

8 Sept, Tues • Yesterday

10:00 AM

1 hr

CHEM110 Lecture

Green Hall 210

 Daniela Mander invited you + 12 others



 Attendance report  Meeting transcript  Meeting chat

9 Sept, Wed • Today

10:00 AM

1 hr

CHEM110 Lecture

Green Hall 210



02:21

Join

 Meeting agenda  Meeting chat

2:00 PM

1 hr

Office Hours

Maclean 310

 Daniela Mander invited you + 12 others

10 Sept, Thur • Tomorrow

10:00 AM

CHEM110 Lecture

CHEM110 > Microsoft Teams

Account
Dashboard
Courses
Calendar
Inbox
Help

Home
Announcements
Assignments
Discussions
Grades
People
Pages
Files
Syllabus
Outcomes
Quizzes
Modules
Conferences
Collaborations
Microsoft Teams
Settings

Microsoft Teams Preview ...

CHEM110

Search or type a command

All teams

General Posts Files Class Notebook Assignments Grades +

Team ... Meet

Kian Lambert 9:18 AM

Welcome to CHEM110

Hello everyone!
Welcome! There is a very short quick quiz I'd like for you all to complete that's already posted in to your assignments. Please take a few moments to complete this.

12 replies from Sheri, Henry, and Al

Elden Roque 9:27 AM
Done! I found this quiz really interesting. Thanks Mrs. Coleman.

Reply

Kian Lambert 9:30 AM
Can anyone tell me what an atom is? Please give an example in the form of a simple word problem.

8 replies from Sophia, Marsha, and Young

Sophia Owen 9:34 AM
An atom is the smallest constituent unit of ordinary matter that constitutes a chemical element. Every solid, liquid, gas, and plasma is composed of neutral or ionized atoms.

Reply

Type a new message

CHEM110 Lecture

00:22:06

Leave

Cynthia

Nathan

Charlie

Alice

April

Isabelle

Krystal McKinney

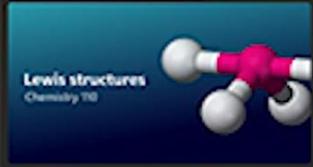
CHEM 110 assignments

Assigned Class project
Properties of Matter
Properties of Matter
Chemistry 110



6 of 20 completed [View details](#)

Unassigned Assignment
Lewis structures
Lewis structures
Chemistry 110



[View details](#) [Assign](#)

Unassigned Assignment
What is an atom?



What's new in Meetings

1 New Together mode screens

2 Breakout rooms

3 Custom layouts

4 Meeting recap

5 Meeting recording improvements

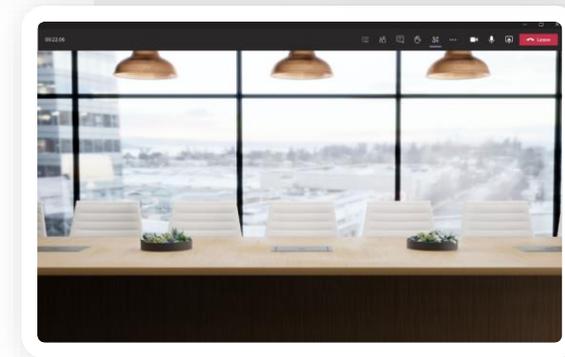
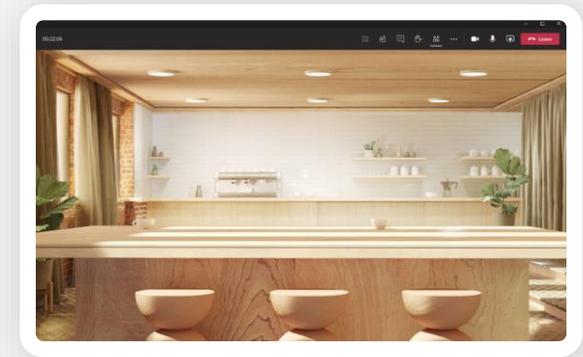
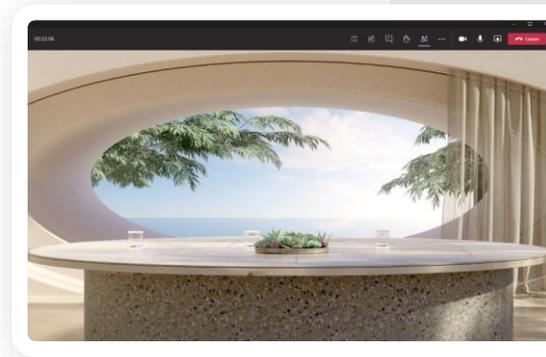
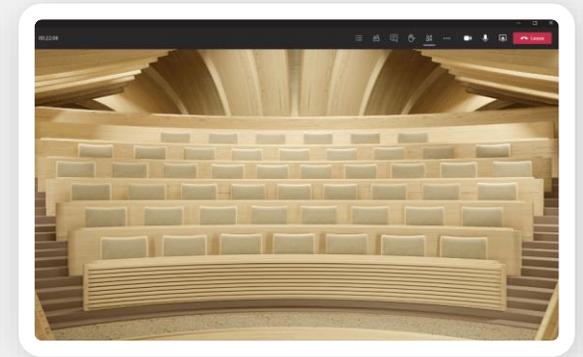
6 Large meeting support

7 Registration and engagement reporting

New Together mode scenes

Together mode reimagines meeting experiences to help participants feel closer together even when you are apart. With new Together mode scenes coming this calendar year, you can transport your team to a variety of settings that can help set the tone and create the experience for your meeting, whether it be an auditorium, a conference room, or a coffee shop.

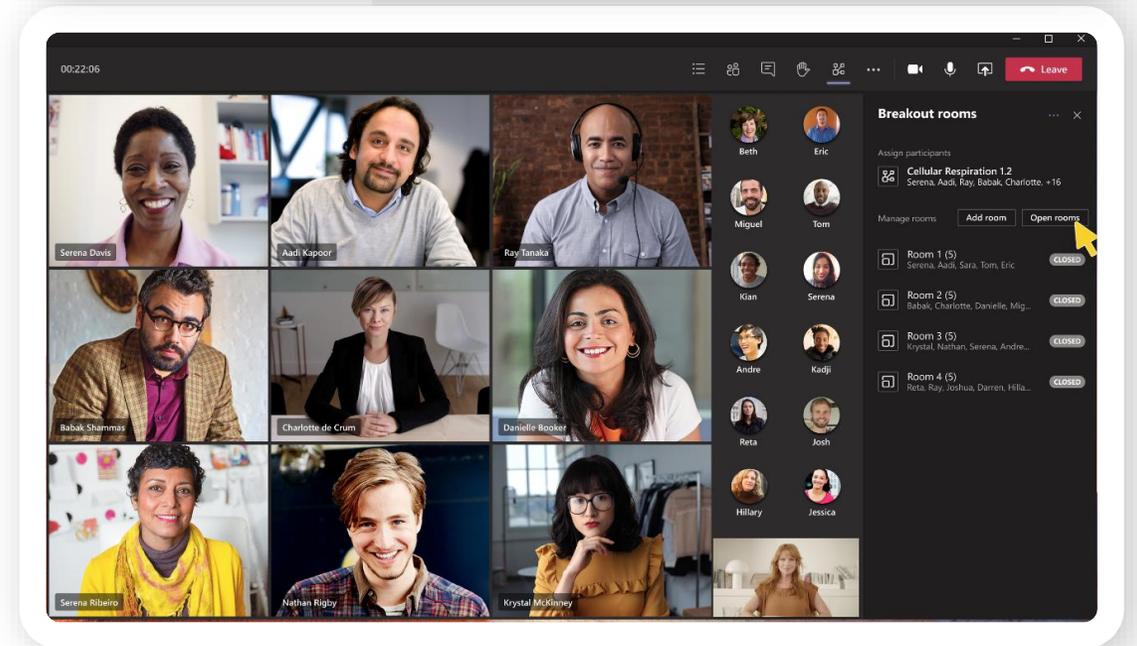
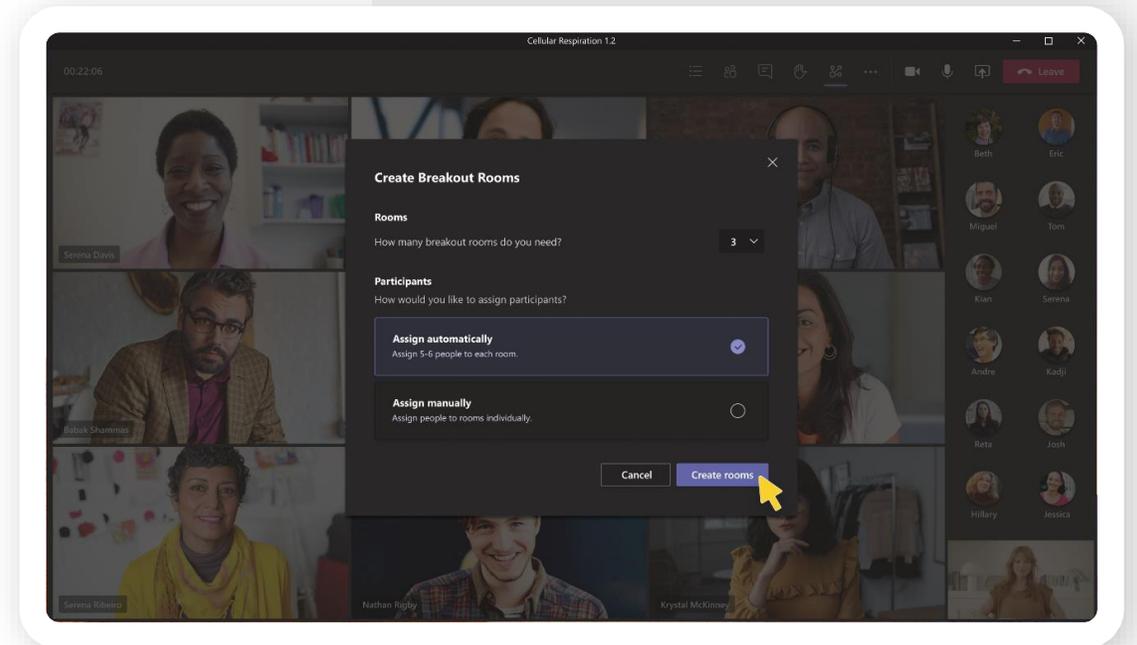
Release timing: Q4 CY2020



Breakout rooms

Coming in October, breakout rooms will allow meeting organizers to split up meeting participants into smaller groups to facilitate brainstorming sessions or workgroup discussions. Presenters can choose to hop between breakout rooms, make announcements to all breakout rooms, and/or close the breakout rooms that then bring everybody back into the main meeting.

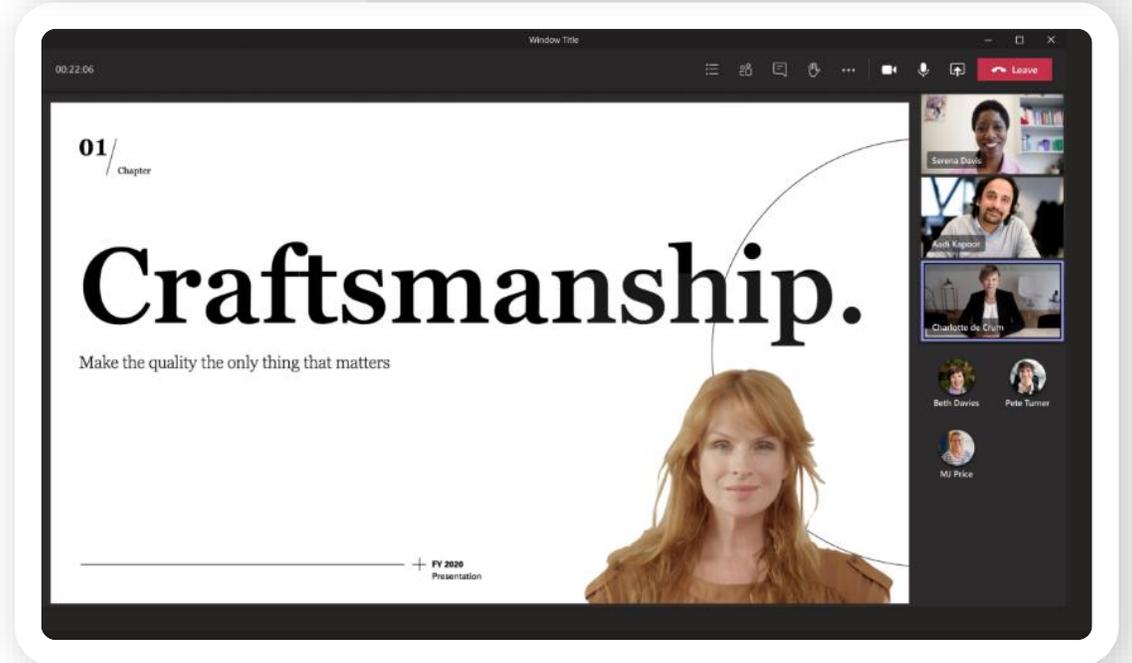
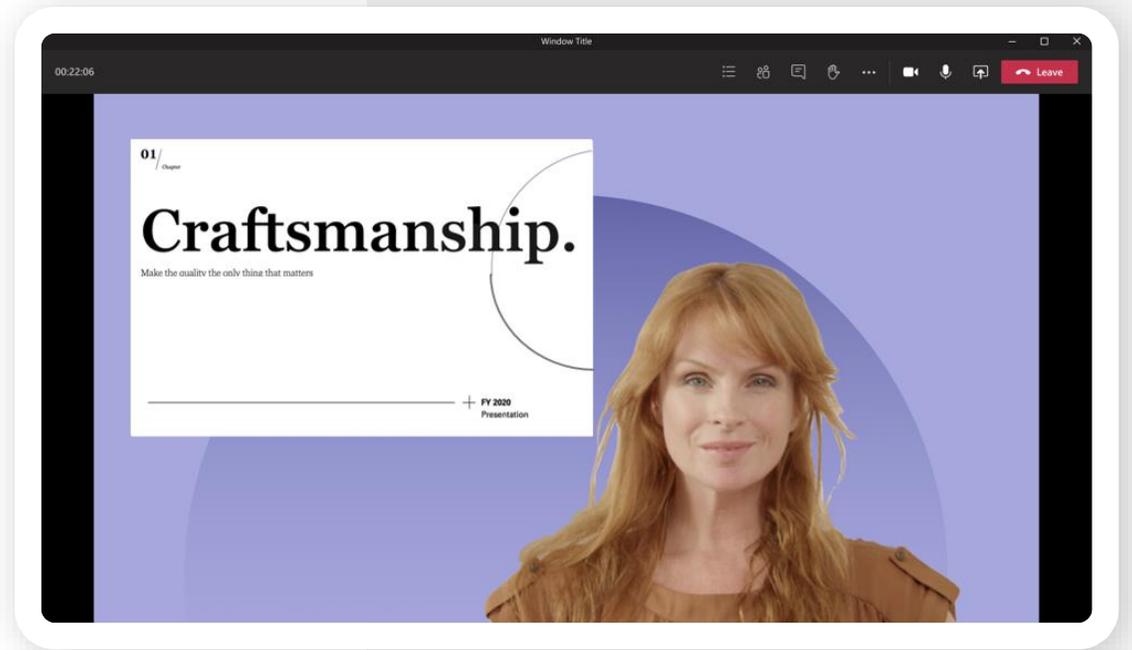
Release timing: November



Custom layouts

Coming later this year, custom layouts allow for a more dynamic content viewing experience and enable presenters to customize how content shows up for participants during a meeting. For example, when a presenter is showing a PowerPoint slide, participants will be able to see the presenter's video feed transposed onto the foreground of the slide they're showing.

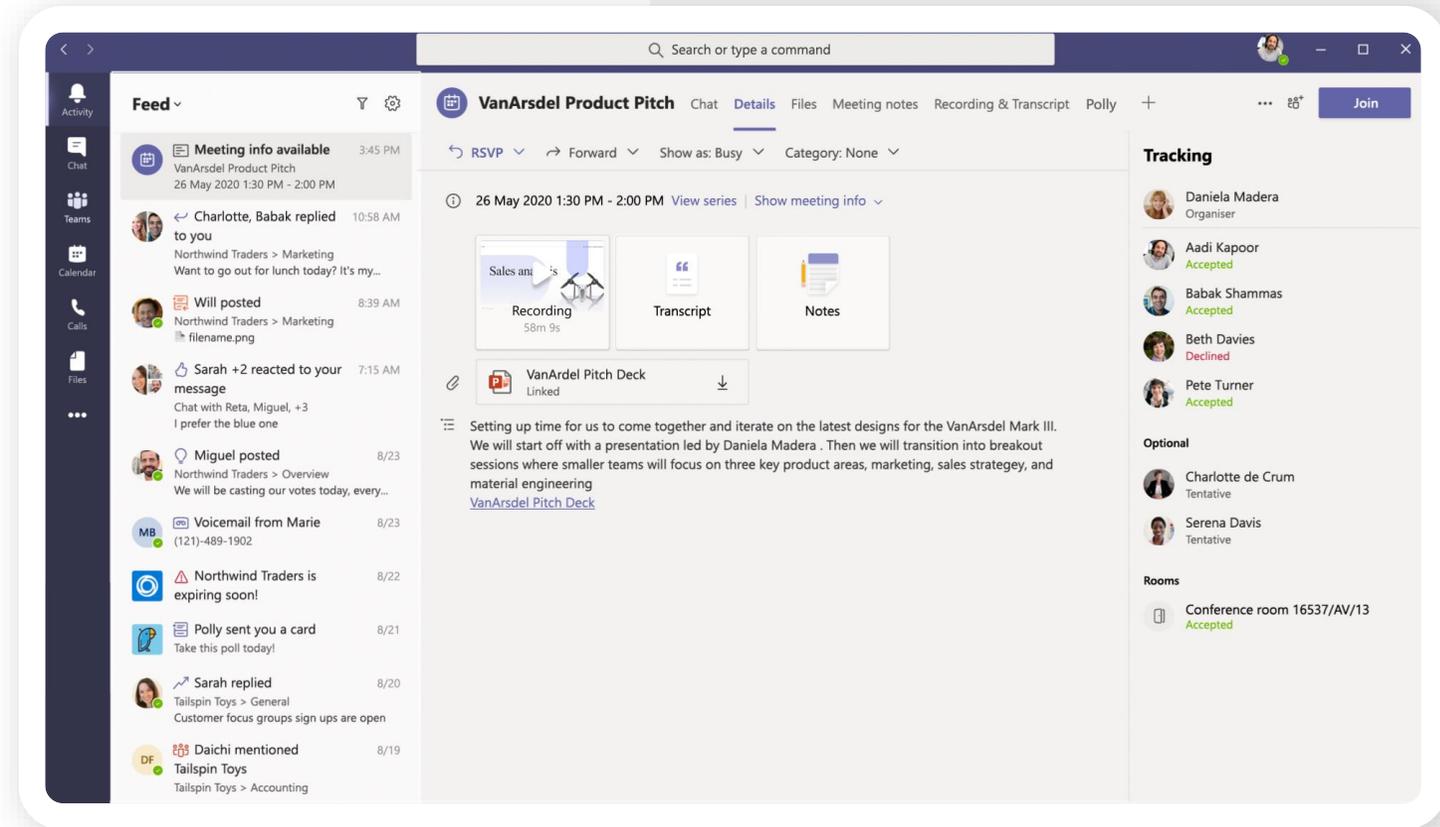
Release timing: Q4 CY2020



Meeting Recap

Meeting recaps help teams stay on track and keep work moving forward after a meeting for both participants and for those who were unable to attend a meeting. Coming this year, a recap with the meeting recording, transcript, chat, shared files and more will be automatically shared in the meeting Chat tab and viewable in the Details tab for each meeting. The recap will also be available in the meeting event in your Outlook calendar.

Release timing: Q4 CY2020



Meeting recording improvements

Stream playback performance and new features are coming to Teams meetings recordings by the end of the year. Meeting recordings **will be stored in OneDrive**, unlocking new value for customers including permissions and sharing, retention policies, basic information governance, increased quota, immediate meeting availability, "go local" tenant support, bring your own key (BYOK) support, multi-geo support, and improved transcript quality and speaker attribution.

Release timing: Q4 CY2020 & Q1 CY2021

Large meeting support

Teams meetings are growing to support up to 1,000 participants with the full meeting experience by end of year.

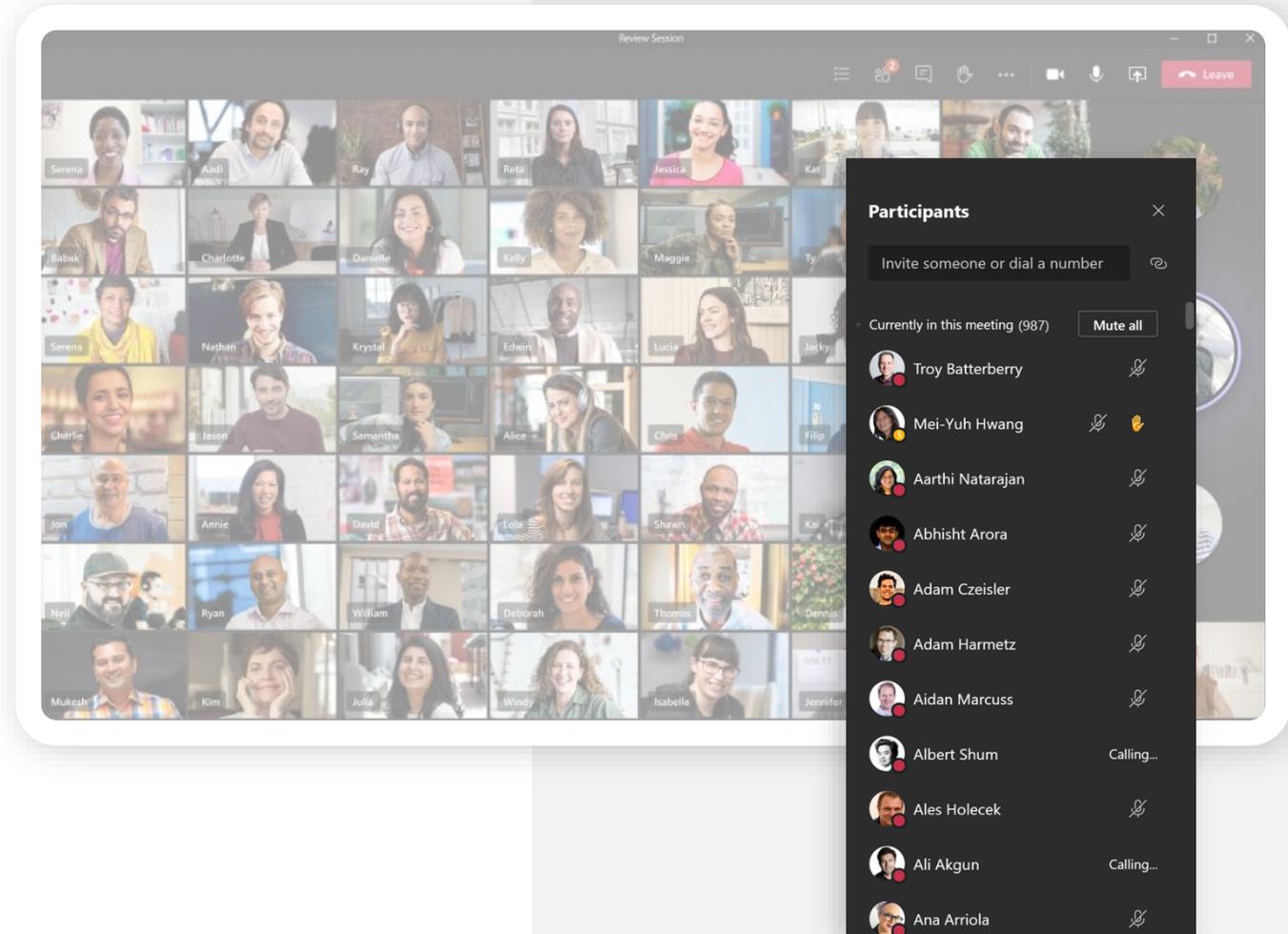
Microsoft 365 Roadmap

For larger meetings and events that require additional control, Teams will soon seamlessly scale to support 20,000 participants in a view-only meeting experience that includes the ability to use **live captions**.

Microsoft 365 Roadmap

These new capabilities will be available to customers with the new Advanced Communications plan.

Release timing: Q4 CY2020 / September

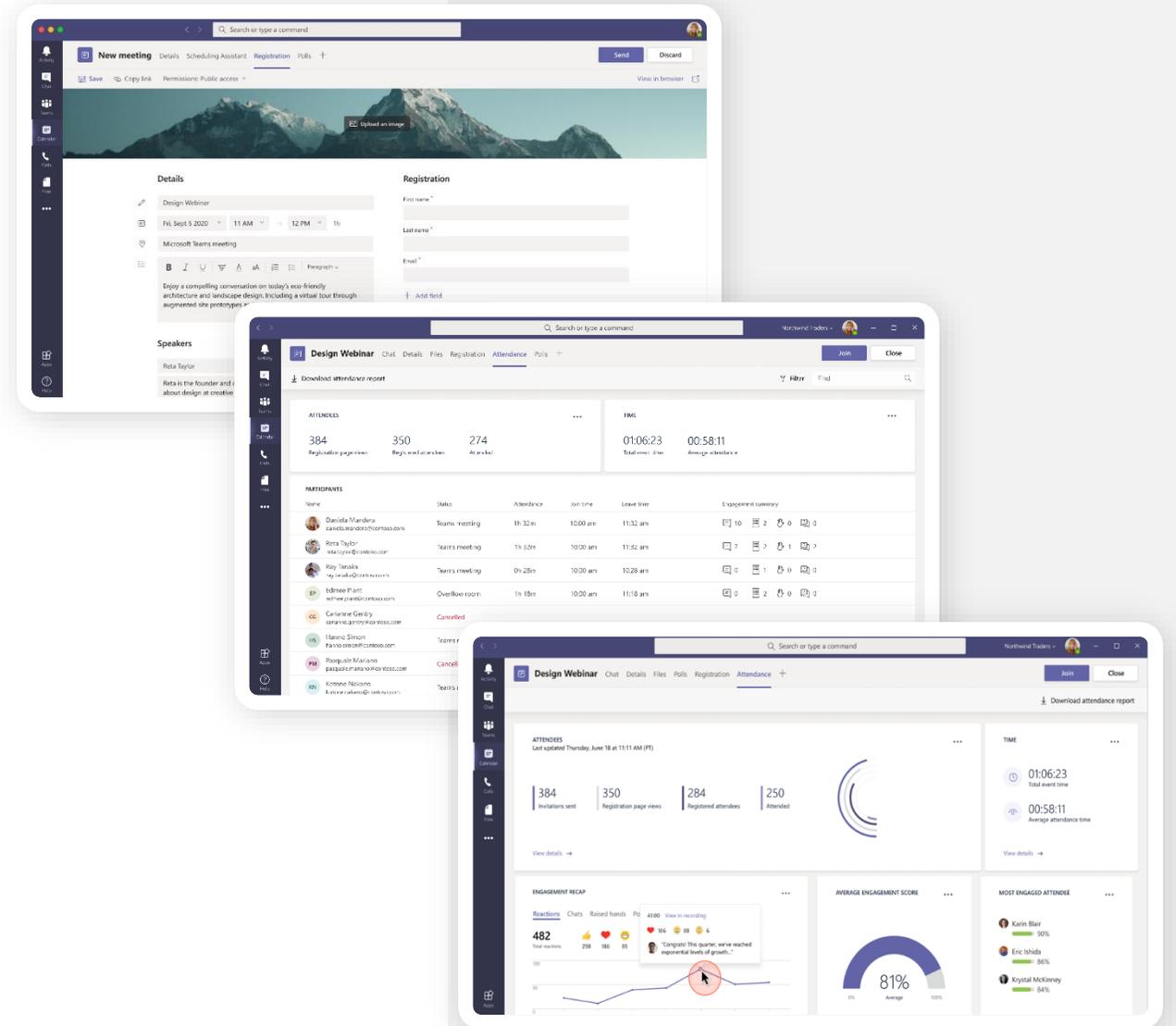


Webinar support

For more structured meetings, such as customer webinars, meeting organizers can use event registration with automated emails to make it easier to manage attendance. And after the meeting, view a detailed reporting dashboard will help understand attendee engagement. These new features will roll out by end of year.

Later this year, developers will be able to use our attendee reporting and scheduling APIs to bring this data into their apps for CRM, marketing automation, and more.

Release timing: Q4 CY2020



What's new in meeting room experiences

1 Continued investments in the Microsoft Teams Rooms experience on Android

2 Touchless meeting experiences

3 Meeting room capacity notifications

4 Microsoft Teams panels

Microsoft Teams Rooms experience on Android

Earlier this year we launched [collaboration bars for Microsoft Teams](#), a video-first conferencing solution built on Android. We're simplifying our portfolio of Teams devices for shared spaces by **bringing collaboration bars into the Teams Rooms product family**. By aligning both Windows and Android platforms within the Teams Rooms, we can ensure an equally robust feature set across both operating systems. As we continue to evolve and expand the features available on the Android platform, our partners are also developing new form factors that go beyond the single, integrated bar.

The **first fully modularized Teams Room device running on Android will be the Poly G7500**, which will be available beginning early 2021. To provide our customers with even more choice, we will continue to deliver Teams Rooms experiences on integrated form factor devices, including the new **AudioCodes RXV80** and the new **Yealink A20**. We'll also enable **support for center of room controls** later this year. At Ignite we also announced two new features coming to Teams Rooms on Android – **breakout room support** and **personal mode**, a new Teams Rooms experience optimized for use in personal workspaces. Additional features are included below

Release timing: Q4 CY2020



Touchless meeting experiences

Room remote for Microsoft Teams Rooms in the Teams mobile app, will provide meeting device controls, including the ability to join and leave the meeting, mute and unmute the room, adjust audio volume, and turn cameras on and off.

Microsoft 365 Roadmap

Cortana voice assistance for Microsoft Teams Rooms on Windows will allow in-room participants to manage select controls using spoken commands.

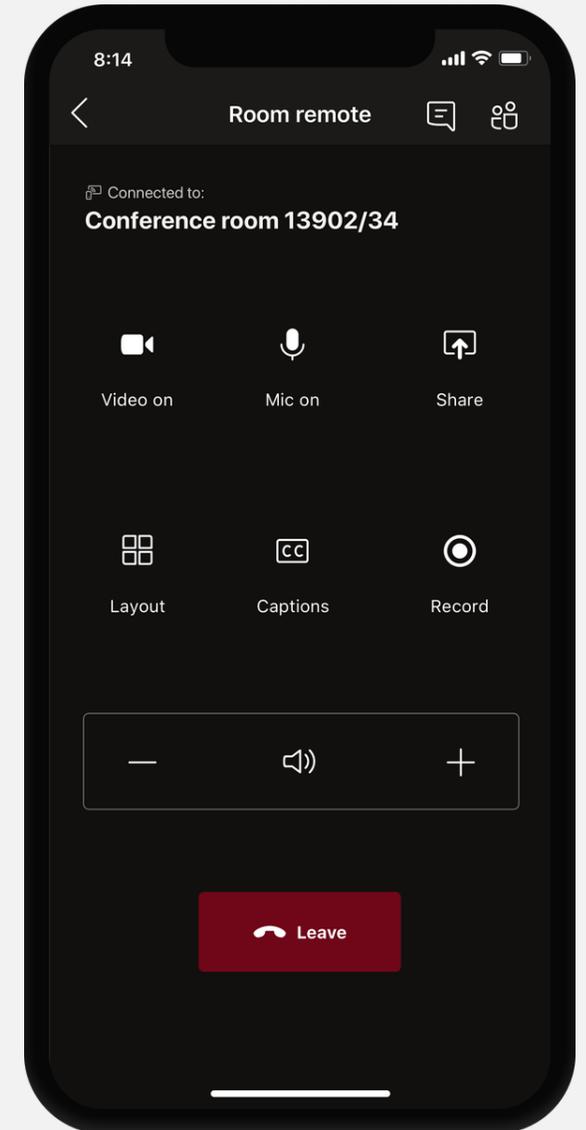
Microsoft 365 Roadmap

Support for Teams casting for Microsoft Teams Rooms enabling seamless ad-hoc in-person collaboration for people in a shared space.

Microsoft 365 Roadmap

Proximity Join on Surface Hub (September)

Microsoft 365 Roadmap

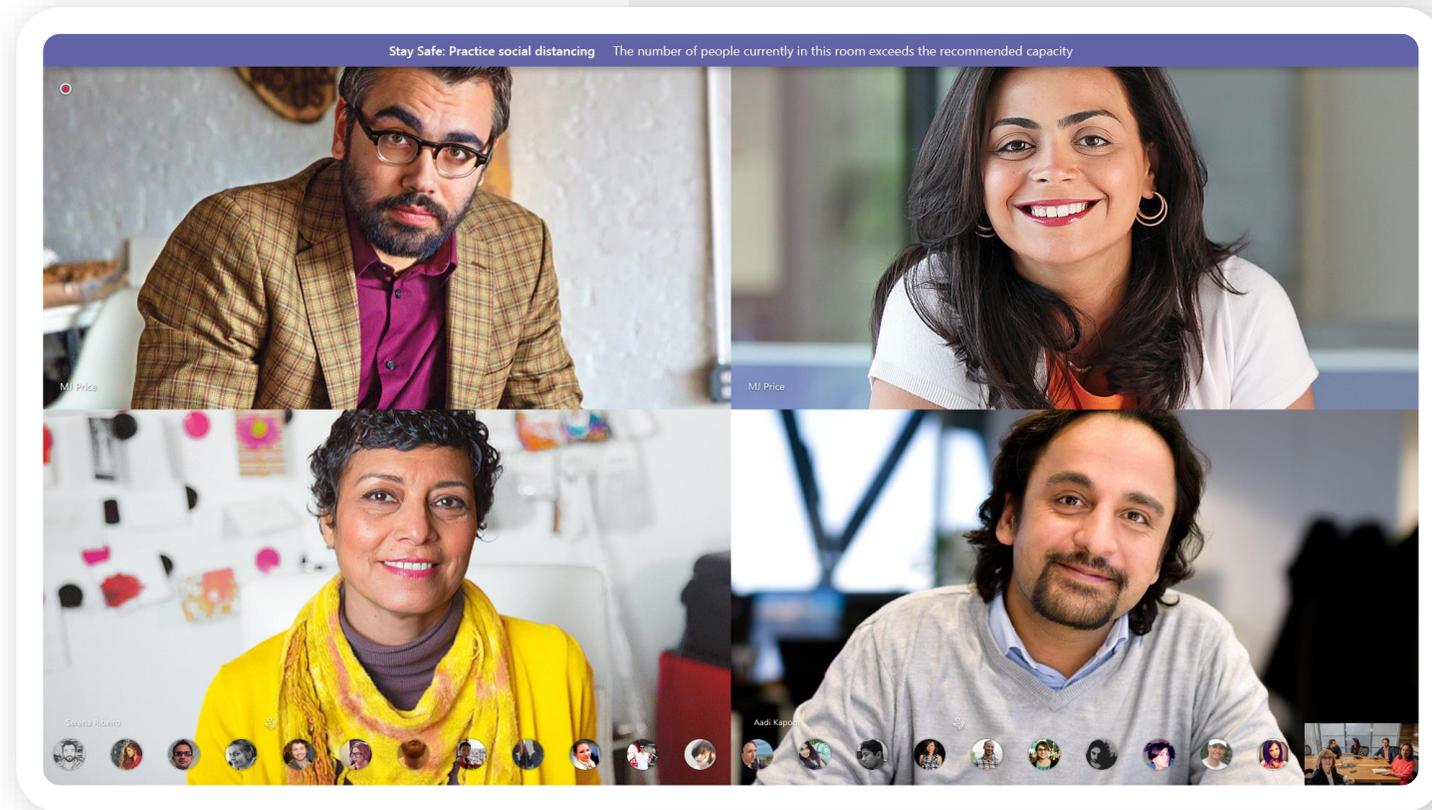


Meeting room capacity notifications

Using data from meeting room cameras equipped with people-counting technology, this upcoming feature for Microsoft Teams Rooms on Windows, alerts in-room meeting participants if the room is over capacity based on capacity data defined by the IT administrator. This helps organizations remind users of room capacities and social distancing practices.

Release timing: Q4 CY2020

Microsoft 365 Roadmap

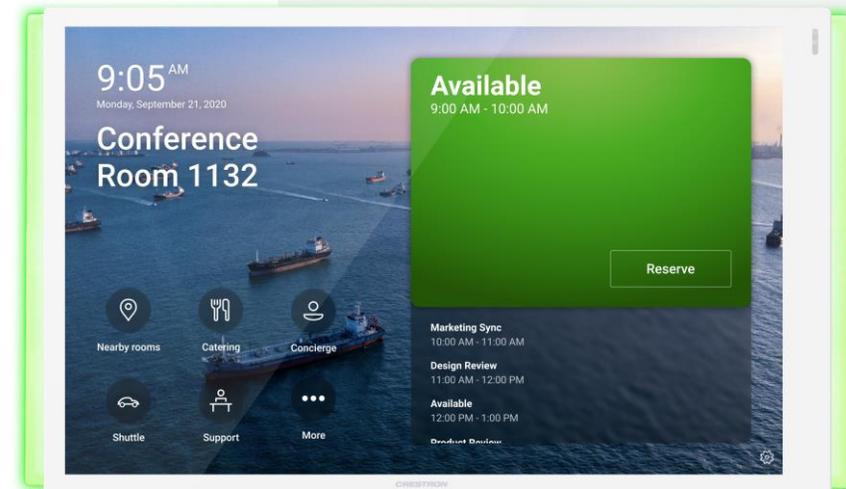


Microsoft Teams panels

This new category of devices can be mounted outside a meeting room to streamline space management, providing users with the ability to view location and meeting details, reserve a space, view upcoming reservations and easily identify current availability status. Users can also view the building floor plan and book another room using the “Nearby Rooms” feature.

While the best end to end experience is pairing a Teams panel with another Teams Room device, you can add a panel outside of any meeting space. We’re happy to launch this new category with our first Teams panel partners, Crestron and Yealink. Teams panels will be available in early 2021.

Release timing: Q1 CY2021



What's new in Calling

1 New Calling experience

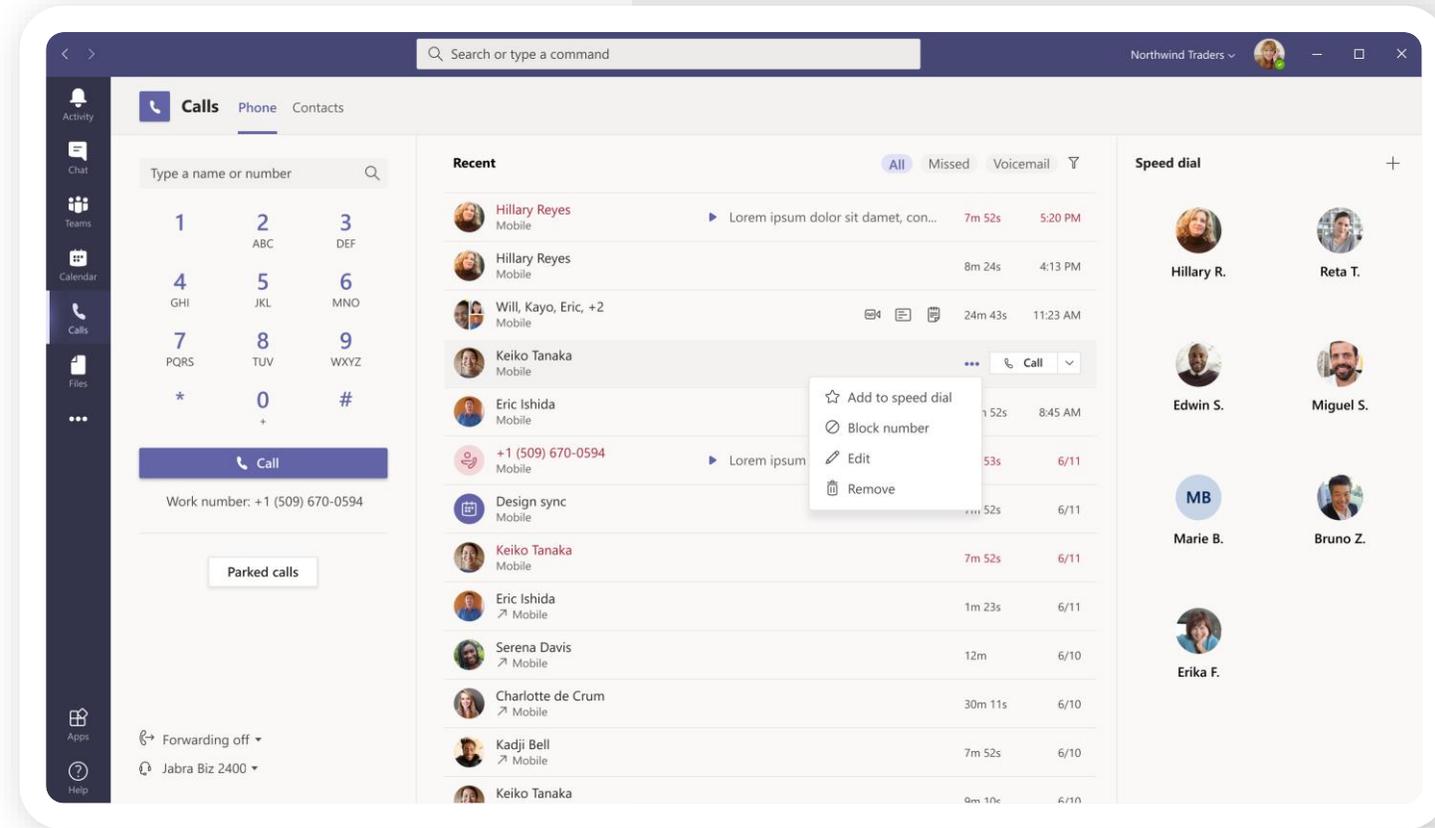
2 Collaborative calling

3 Popular meeting features to be available for 1:1 calls

New Calling experience

We are simplifying the calling experience with a streamlined view that shows contacts, voicemail and calling history at once, making it easier to initiate or return a call with a single click.

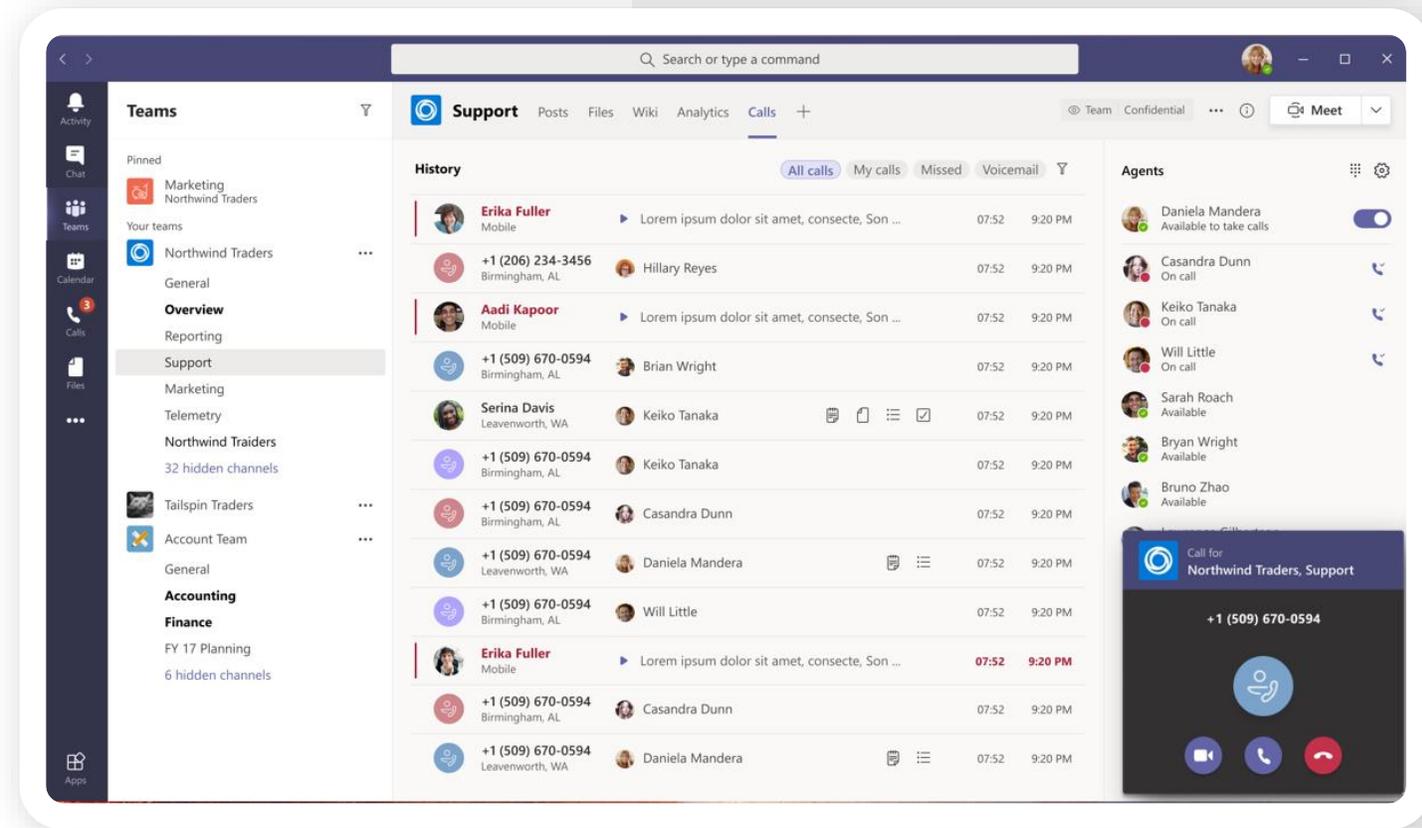
Release timing: Q4 CY2020



Collaborative calling

Collaborative calling enables customers to connect a call queue to a channel in Teams. Users can collaborate and share information in the channel while taking calls in the queue. This feature is ideal for scenarios such as an IT help desk or HR hotline. IT admins can quickly connect call queues to specific channels, and team owners can manage the settings.

Release timing: Q4 CY2020

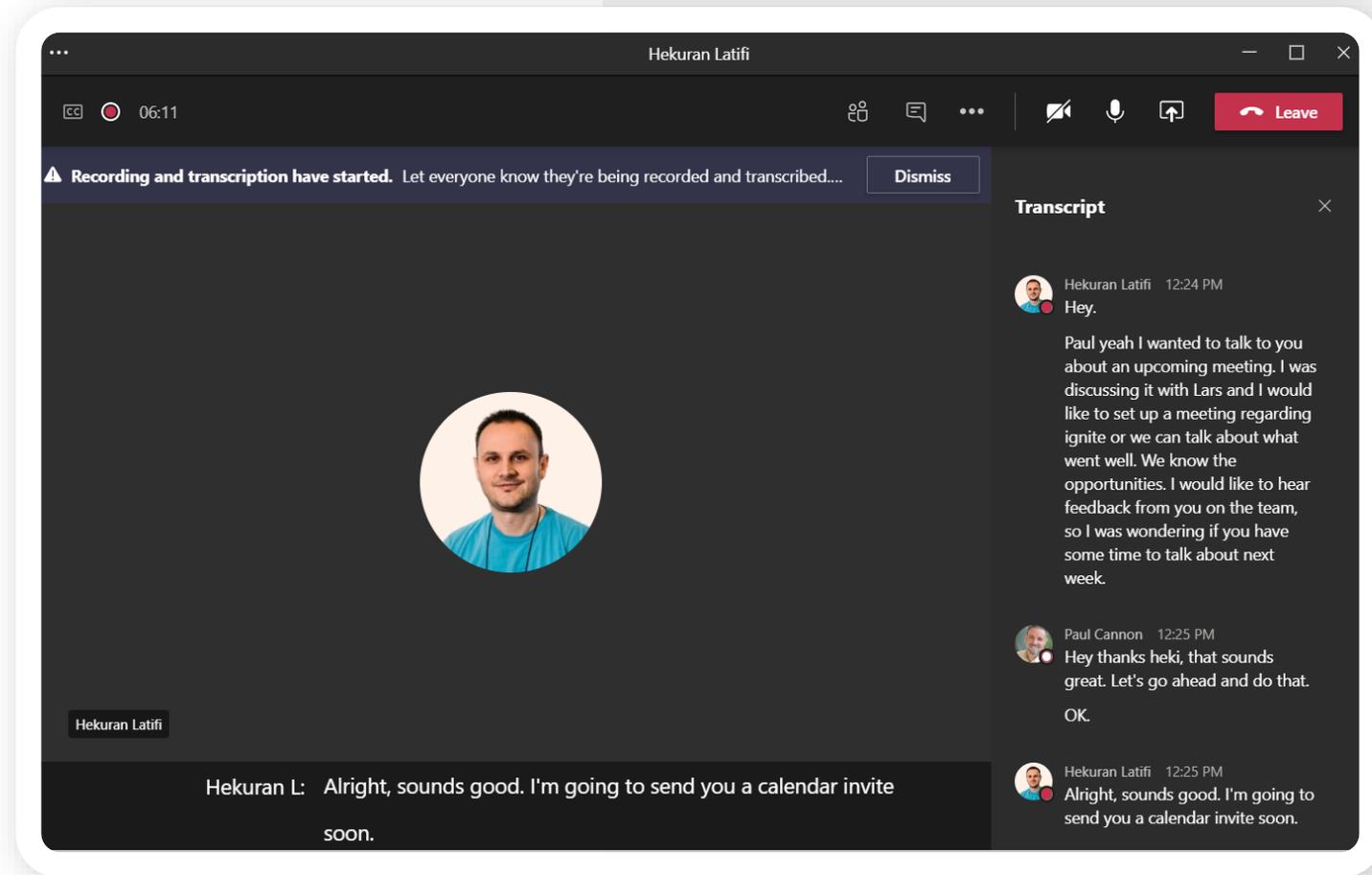


Popular meeting features coming to 1:1 calls

New calling features include **transcription, live captions, recording** and the ability to **transfer between Teams mobile and desktop apps**.

Transcripts and recordings are saved in the chat window after a call. These features can be enabled via the control bar within the Call window.

Release timing: Q4 CY2020



What's new in Chat and Collaboration

2 Info pane, pinned posts, and new conversation button

3 New Search results experience

4 25K member teams

4 Suggest replies on mobile

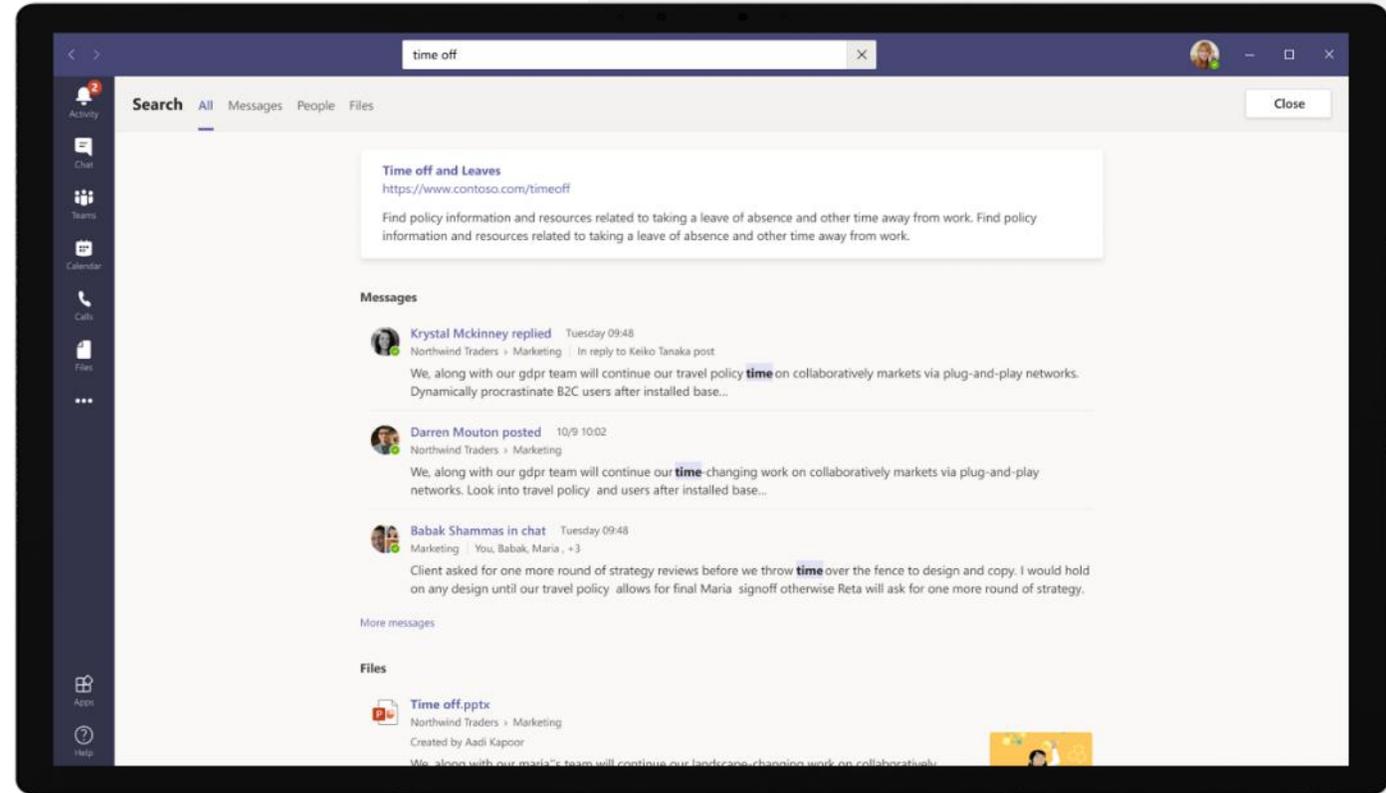
4 Offline files on mobile

4 Manage online presence

New Search results experience

A new search experience in Teams, powered by Microsoft Search and available by the end of 2020, will make finding messages, people, answers, and files faster and more intuitive. This redesigned search results page provides better context and faster results, with AI-powered relevance based on the people and content you engage with most in Teams and other Microsoft 365 services. We'll also introduce answers mined from your organization knowledge to help users get their job done faster.

Release timing: Q4 CY2020



25K member teams

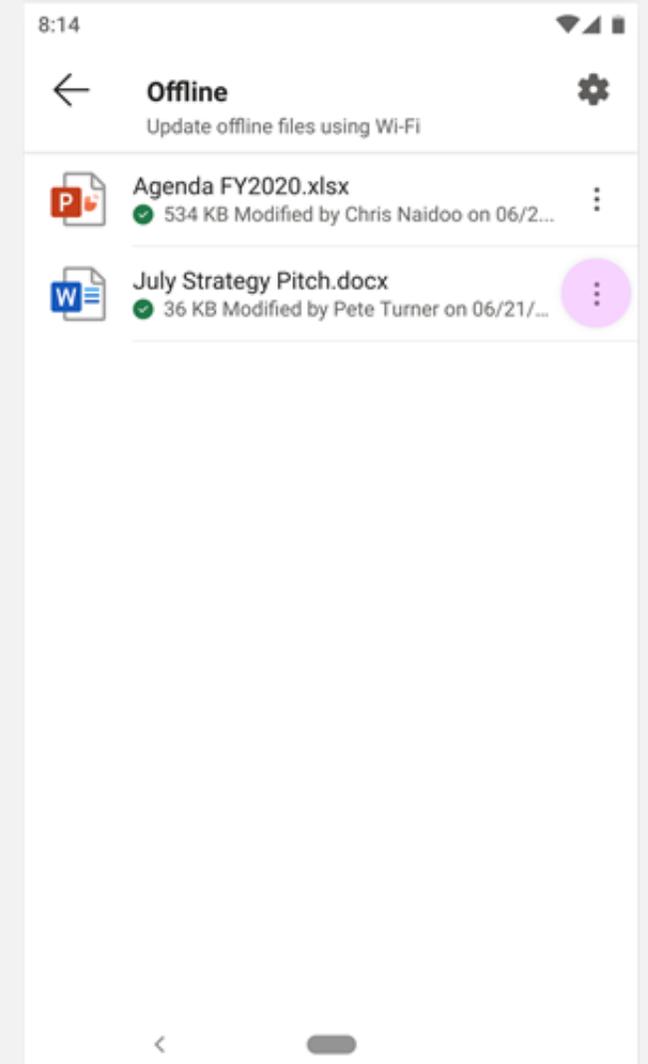
While there isn't a limit on the number of people in a Teams tenant, team membership is currently limited to 5,000 members. Later this we'll increase this to support up to 25,000 members per individual team.

Release timing: Q4 CY2020

Offline files on mobile

The Teams mobile app now allows to access files when offline or in bad network conditions. Users can simply select the needed files and Teams will keep a downloaded version in the files section of the mobile app..

Release timing: Q4 CY2020



Manage online presence

Teams users will soon have the ability to change their presence for a specific period of time as well as set their presence to "Offline". This will give them full access to Teams while signaling to colleagues that they are unavailable.

Release timing: Q4 CY2020



What's new in Microsoft 365 Integrations

1 Wellbeing and productivity insights in Teams

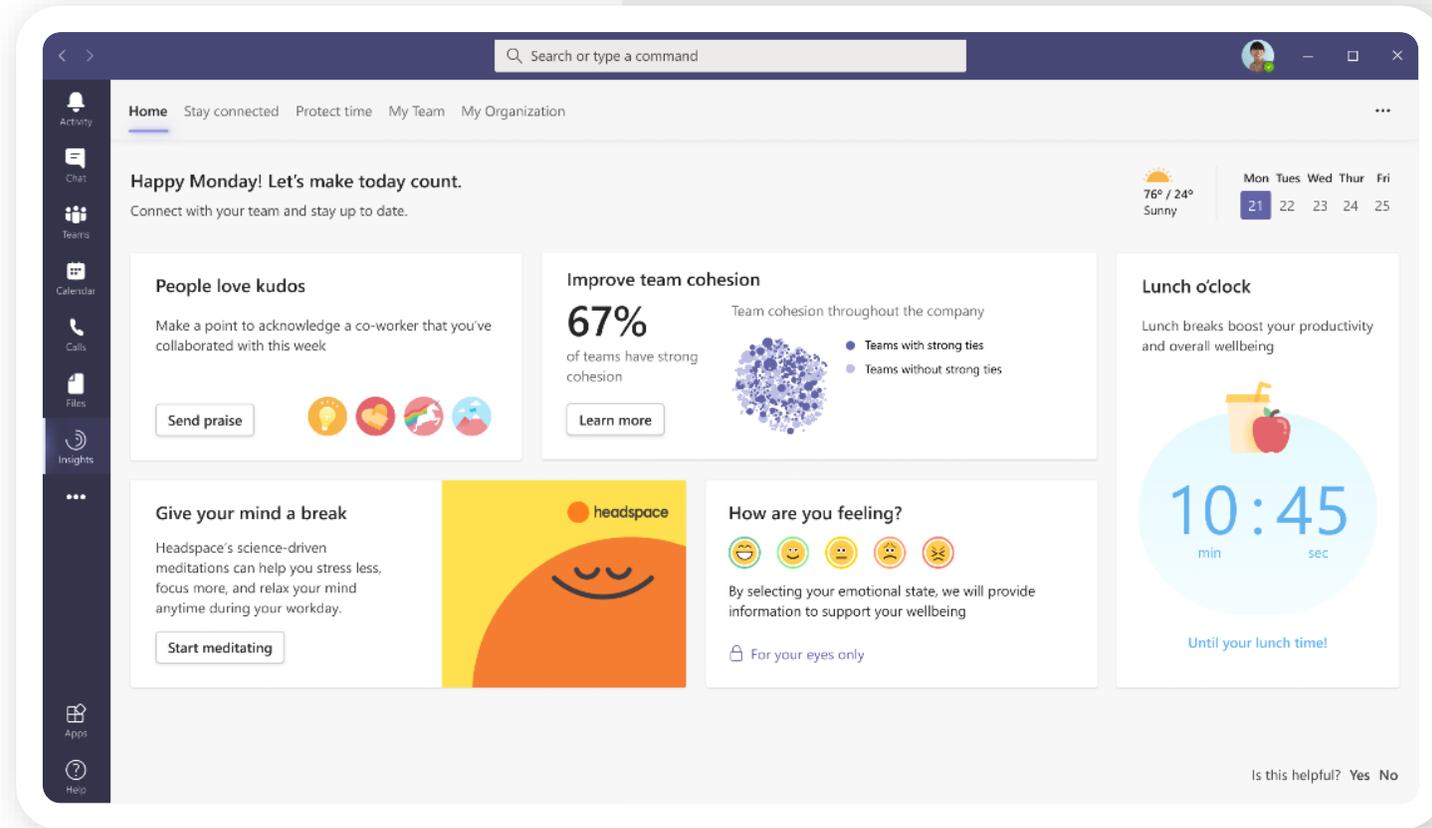
2 SharePoint Home site in Teams

3 Yammer notifications in Teams activity feed

Wellbeing and productivity insights in Teams

Well-being features and productivity insights powered by MyAnalytics and Workplace Analytics are coming to Microsoft Teams starting in October. Individuals, managers and business leaders will get insights personalized to their role with recommended actions to make changing habits and improving productivity and well-being easier. New personal well-being features like a virtual commute, integration with apps like Headspace and an emotional check-in experience will be available in the first half of 2021. Visit <https://Aka.ms/ProductivityAndWellbeing> to learn more

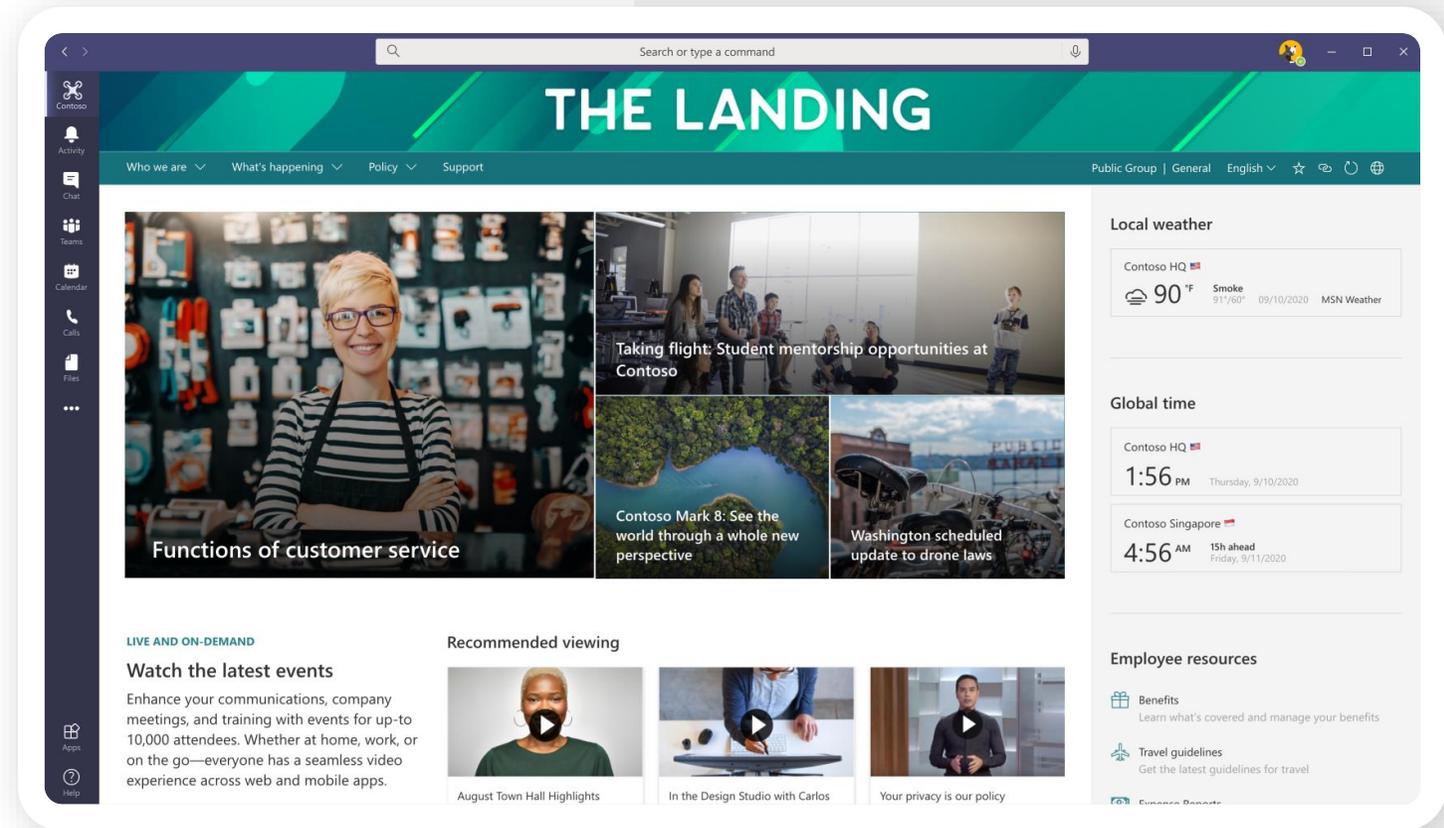
Release timing: Q1 CY2021



SharePoint Home site in Teams

The new home site app brings the power of the SharePoint home site and an organization's intranet directly into Teams to give employees a gateway to their organization's intranet, with customizable naming, branding and multi-level navigation to teams, communities and resources. Coming later this year, the app name and icon match the brand for the users organization and can be pinned to the app bar in Teams, providing quick access to search and a personalized view of news and important sites

Release timing: Q1 CY2021



Yammer notifications in Teams activity feed

Yammer integration, available later this year. People using the new Yammer Communities app in Teams will be able to receive Yammer notifications in the Teams activity feed and on your mobile lock screen, and can find Yammer conversations using the Teams search bar.

Release timing: Q4 CY2020

What's new in Security and Compliance

1 Customer Key support

2 Microsoft Graph API for Teams Data Loss Prevention

3 Microsoft Graph API for Teams Export

4 Invite only meetings

Customer Key support

We are happy to announce upcoming Customer Key support for Microsoft Teams. Microsoft helps keep Teams data safe by encrypting it while at rest in Microsoft datacenters. Now we are extending this capability to enable customers to add a layer of encryption using their own keys for Teams, similar to Exchange Online, SharePoint Online and OneDrive. Customer Key for Teams is targeting public preview before the end of this calendar year.

Release timing: Public Preview-Q4 CY2020 / GA-Q1 CY2021

Invite only meetings

Organizations may need to tightly control who can attend certain meetings, such as for example board meetings or meetings where financial results are discussed, etc. Soon meeting organizers will be able to schedule invite-only meetings where only authorized participants will be allowed to join. This capability is unique to Microsoft Teams and it takes advantage of the strong Microsoft identity management solution building on Azure Active Directory

What's new in Management

1 Bulk Policy Assignment

2 Graph API permissions

3 Organizational branding for LOB Teams app catalog

4 Device management automatic alerting

5 Delegate device management admin role

6 Large event reporting and analytics improvements

7 Call Quality Dashboard provides advanced reporting capabilities

8 ARM 64 Native Teams App

Bulk policy assignment

Policies allow administrators to efficiently control the Teams features available to their users, now administrators can apply policies in batches of up to 50K users.

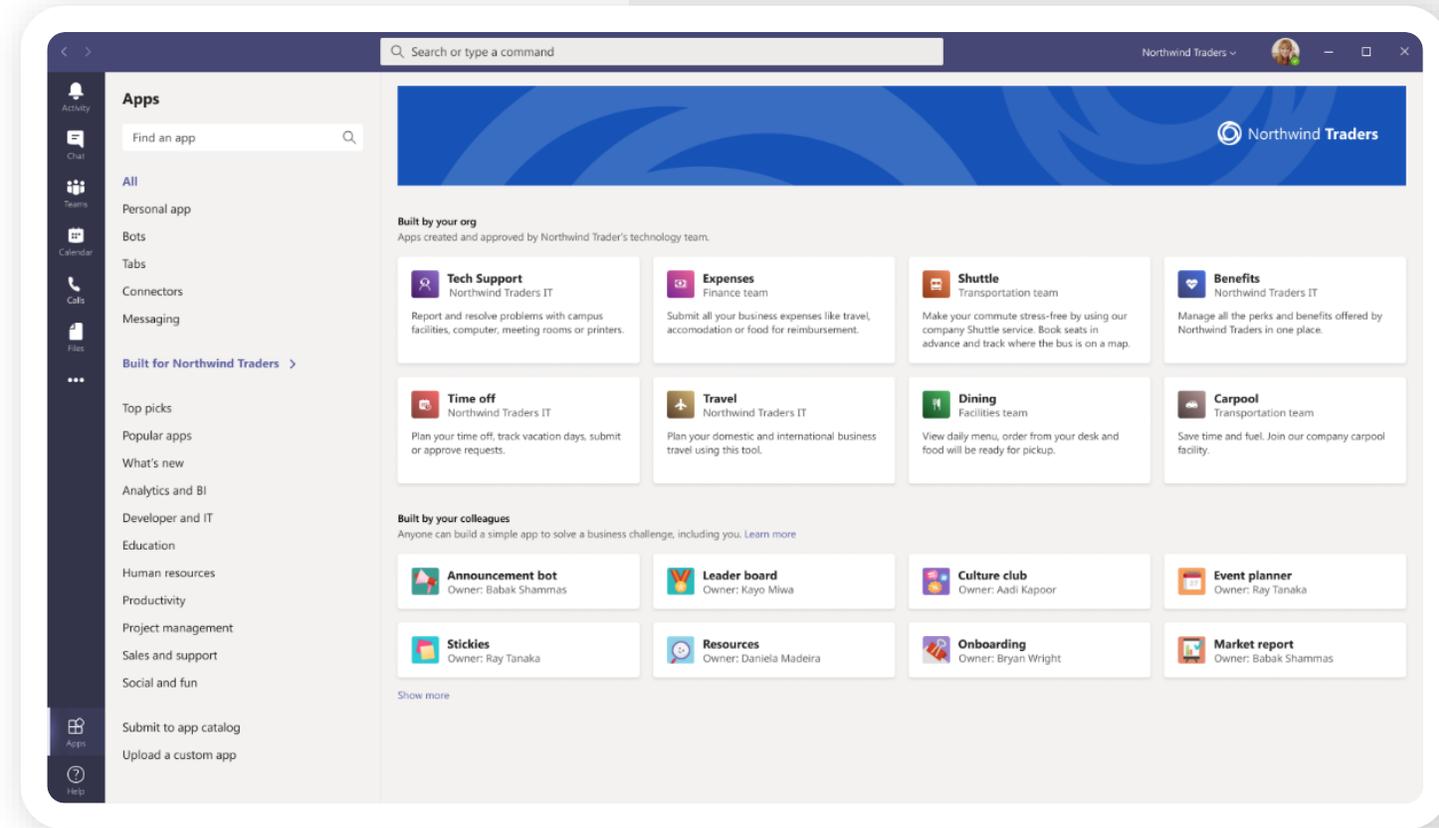
Graph API Permissions

Administrators will soon be able to grant consent to Graph API permissions, on behalf of the entire tenant, they will be able to see granular permissions and provide resource-specific consent, simplifying app management procedure all in one place.

Organizational branding for LOB Teams app catalog

IT Admins will be able to customize their Teams line-of-business (custom) app catalog using their organization's branding. This will enhance the user experience (UX) for end users and increase organic discovery and use of an organization's line-of-business (custom) apps.

Release timing: Q4 CY2020



Device management automatic alerting

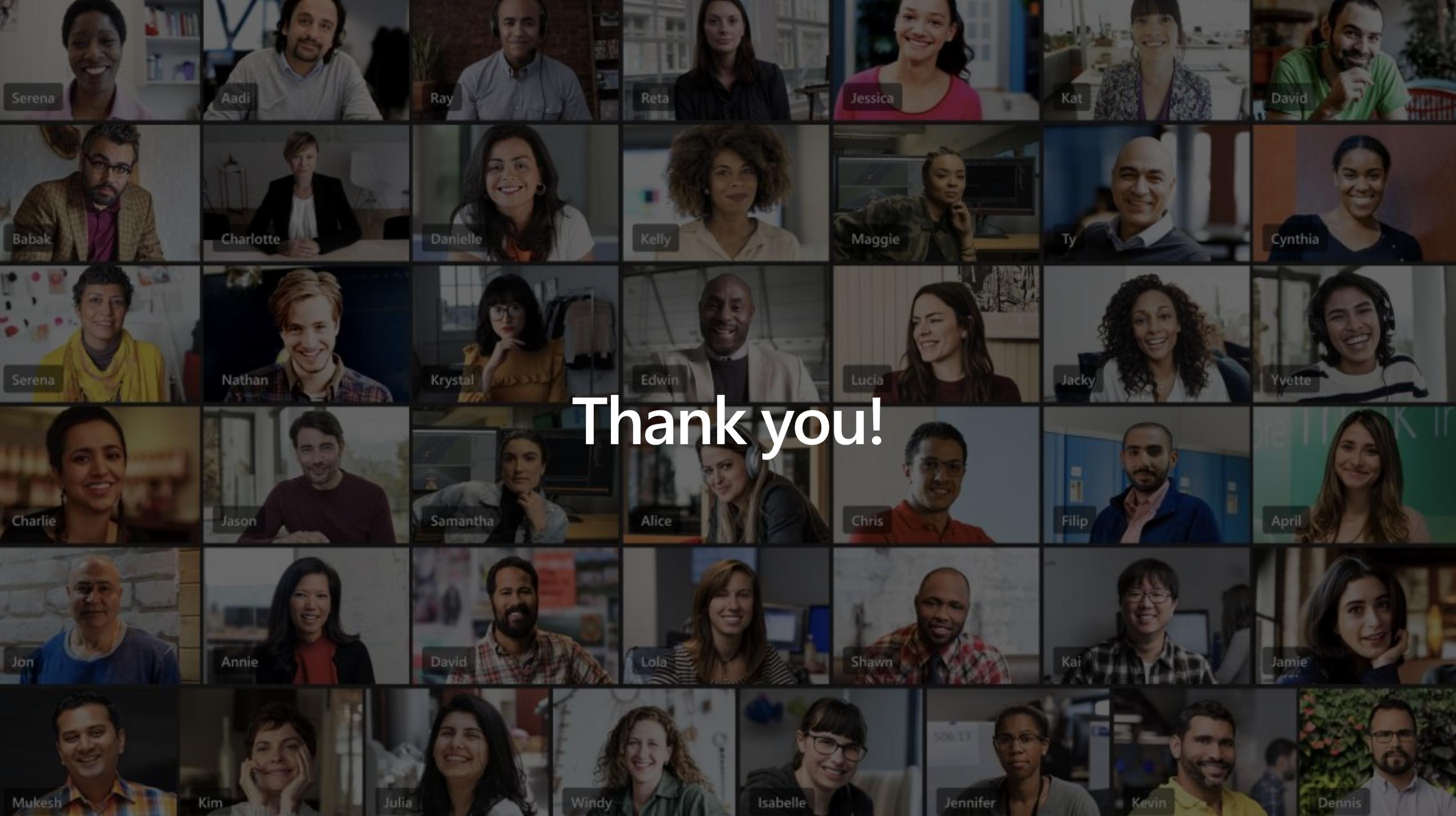
We're introducing device management automatic alerting as a way to more efficiently identify devices issues by triggering notifications that can be turned into an immediate correction action. This will be available by the end of November.

Release timing: November

Large event reporting and analytics improvements

In November we'll provide new data management capabilities for large event reporting, such as search, filter, pagination, and exporting of the data for better analysis.

Release timing: November



Thank you!