**Section 508 Federal Day**

 \*\*\* CART TRANSCRIPT TAKEN ON DECEMBER 5, 2017 \*\*\*

SPEAKER: Good morning. We're asking that anyone that is online virtually, please mute your phones. We should be starting in about 10 minutes.

SPEAKER: Good morning everybody. This is a good microphone. My name is Helen Chamberlain, for those who don't know who I am, I am the section 508 director for about 25 more days.

Then I'm retiring. But who's counting?

Anyway, we're happy to have you here today. All of our Microsoft users and I know we already have a lot of people on the phone and fill what's our couldn't on the phone? About 95 people on the phone and we've got about 40 plus people in the room.

In the I'm just going to go over some administrative stuff.

Basically -- okay, the first thing with the presentations I know I promised that I was going to send you the presentations, but we've had technical difficulties. Microsoft always likes to have huge presentations, so they were too big to send by e-mail so those who came to our October event you know we have a Web site and we’re going to post our presentations on the Web site. So I think we will have them out there by the end of the week.

Cell phones, excuse me, if you have a cell phone, please turn it off or put it on vibrate as we don't want to disturb anyone in the room.

Assisted listening devices is there anyone in the room that needs an assisted listening device? We do have them available. As people come in we'll check and make sure if they need them.

Since we do have a virtual audience, we will ask that you please wait for the microphone come to you before you ask your question. So raise your hand, wait for the person to come to you with the microphone and that way if the person has an assisted listening device they can hear you plus the people on Adobe connect will be able to hear you.

Virtual attendees, we have you on mute but you're able to ask questions. We have a chat box. You are welcome to send questions in anymore during the presentations and then when we have a break, answer questions, we'll will fill to ask your question so they can answer it for you.

For the people in the room, there's electric in all the tables so if you did bring a device with you can plug it in there.

We do have WIFI on the 2 boards to my left side of the room. A WIFI password is there if you have trouble, or they disappear, Eric and John are our wonderful AV guys. They'll be hanging around and helping people logging in if they're going to do that.

There will be a transcript available. Our cart provider sitting up front will have a transcript available probably tomorrow for us to send out. If you want to sign up to get a transcript, right now the sign-in sheet is in the back of the room -- oh it's not? She moved it. Correction, it's out in the front at the registration desk. Please sign up and as soon as we get the transcript we will e-mail it to you. Just make sure that you write legibly because if we can't read your e-mail address, we don't have any way to get in touch with you.

Bathrooms are located in wings 1 and 2. You can go either way out the door. The closest rest room is out this door. Out to the atrium is to the left and then to the left again and they're right there in the hallway if you go out into the right and into that wing you have to go off the way down the hall almost to the guard's desk.

Food, you should have gotten a list of restaurants with your packet that they handed out. There are restaurants nearby. There are 3 close. They all do lunch. Green Berries for your convenience I believe you have an order sheet from them. If you want to order from them, they have excellent sandwiches and salads and all they ask is that you have your sheet to them by 1030.

There will be a CLP certificate given out after lunch and for the virtual people, you can e-mail Sheila dot Turner at GSA dot gov and the same for the transcript.

We will have a survey that will go out after the meeting and we ask that you please fill that out because we use those to make these trainings better and better.

Your badges, we do recycle so there will some return boxes out on the tables. And return your badge there or leave it on the table because we will come around and collect it whichever is easier for you.

So having said that I'm going to turn the meeting over to my good friend Dean Halstead and we're going to get started.

SPEAKER: My name is dean Halstead I'm the director for Microsoft federal and today we brought a slew of people, and Anita is going to talk about that and we took all your feedback so as we go through this in a few minutes we'll do the introductions of who's here today but what we did want to do is start off and give you an overview of what the agenda is going to look like.

You can see here for those that are in the spotlight. You can see it's a wide variety. We want to highlight on share point. We also want to guide you in anything that you're interested. We have the people in the room to talk about anything. This is your session. Feel free to ask questions, concerns, voice any issues that you're finding. We'll either hopefully answer those here or actually take those down.

So with that -- and if there's no questions on the agenda we're going to dive into it do a quick summary and then we'll dive into some of the technical side and the reason why we wanted to start with a little bit of a summary and an overview, last year I got a bunch of questions around modernization of IT and how do you talk internally to your organization? Now if I were to ask the room how many people have office 365? Some have it some don't. Some use an older office and it can go all the way back to office 2010 so there's a wide variety and so when you're talking to your organization they may have a modernization of what's going on and the idea behind this is how you feed accessibility into the overall conversation because when we've talked to 508 coordinators in general, what we see here is IT is tracking mobility and security and compliance and all these things that are their top level sort of buckets that they want to solve and modernize and then there's this thing on the side accessibility and they think it's separate from IT efforts and we wanted to give you an idea of how to talk to your IT folks to bring them into the conversation because once they understand that accessibility is part of their modernization of IT effort it makes your job easier it helps get the tools to all the end users that they need in a very rapid fashion when you're looking at accessibility and creating content you know they're focused around field work. Well field work being mobile, okay, being mobile or being out in the field let me give you an example of that. Many people with disabilities, especially let's say veterans, if they can work from home, they are much more apt to be employed and be better workers because they don't have to deal with commuting. How many people dealt with the metro today? Not fun. To field work is looking at having a more inclusive workplace. On the other aspect all of you you know well you have to say is this document accessible? So all of these issues that they're driving across their entire platform and looking at, there is a correlation inside accessibility that allows you to talk to it whether it's increasing the workforce or extending the workforce, many people are getting ready to retire. You have an aging federal workforce and that knowledge information is going out the door and I'm going to have Anita do a demonstration of how you can knowledge capture okay so when you're looking at these things we just want to give you an idea of accessibility is not outside what they're doing now. It is included in what they are doing, and it may take some education because there's sometimes a perception that it's outside of that window. Inside of Microsoft we look at it as 1 holistic approach. We look at it as everyone being an end user so it's an inclusive approach. So when they're looking at their modernization approach it has to be inclusive as well.

So when you're looking at -- you know I just want to give some examples. So what you're seeing right now is I have to use a headset because I'm going automatic translation you'll see at the bottom of the screen I'm doing automatic translation using an add-in to PowerPoint so it is doing the automatic translation of speech to text. You can compare to the professional cart services off to the right which you know we're going to get a few things wrong over here you know it is an artificial intelligence so there's going to be a different sometimes so it's pretty accurate.

This is a perfect way to add those capabilities very quick, so you can now have meetings much more quickly and much -- have much more agile enterprise and this goes around to the modernization of IT. Now as far as capturing an aging employee base. How many people have a lot of new employees -- you know I'm getting close to 50.

So when you look at that, that experience is going to start going out the door. But also when you're looking at age population they're starting to have -- all these types of things that makes it stay in the workforce much more difficult. So I'm going to turn it over to Anita and she's going to demo how do you get people to stay and maintain creativity and contribute their knowledge into the organization.

SPEAKER: Okay does this headset work okay? Okay good. Hi everyone. My name is Anita. We will do intros right after the demo. We're not going to stand up here the entire day. We will let folks sit down for a while. So I'm going to do an introduction for myself really quickly. I draw accessibility at Microsoft. That includes the productivity of word SharePoint, Outlook and about 50 other products that fall within the office 365 suit and, so I get the pleasure of working on the TMs across our 6 platforms to driver accessibility and create products that are usable and increase the productivity for everyone. So building on what dean and Helen said. We want your feedback. We want to know what's working, what's not working, what we should add. Let us know and if you don't get a chance to talk to us today, send us mail and we can continue the conversation after today. So with that I want to -- hopefully make it so the demo works. There's always that question when you start doing live demos. So I have copied a document on the Tacoma Narrows Bridge. If you are familiar with Seattle, very large bridge in Tacoma. Lots of great information. I want to highlight the learning tools. It's an add-in for free. Type in 1 note learning tools within your browser. It will come up and you can download it and it will come into 1 note for you. When you click on the learning tools tab, you can select the immersive reader icon and you'll immediately notice that this text went from this very dense document and it's good for increasing comprehension for this document. So few of the features of the learning tools is that you can increase the font size. This is great for the end of the day after you've been inserting it in the computer for 7 and a half hours and everything starts to get a little fuzzier. This makes it easier to finish that last half hour of the day. You can increase the spacing. And that also makes it easier to comprehends and helps people with visual problems. You can select different fonts. I'm going to make the spacing a little smaller. And you can also change the space. Right now we're white on black. Some people prefer a different color. So I'm going to do the inverted color that's black background with white text. The item that I really like -- and this is great I have a 6 years old son and we're into math and stuff and this does it for me it's kind of like my own personal tutor and I can click on the book and select nouns and it immediately highlights all the nouns. I'm going to unselect nouns and select verbs and those are in red and then selecting adjectives there's on 1 on the page. This was not interpretational.

SPEAKER: And this really talks to different types of cognitive disabilities, so it helps -- and reading comprehension. This talks to different types of cognitive disabilities. So we have found that when people read and it's either read to them or you have different types of highlighting, people can comprehend the information better so this goes across the spectrum with different types of users whether it's aging, new whether there's cognitive disabilities. So the idea behind this is to give a much broader tool set for different types of users.

SPEAKER: Thank you. I believe people on the phone should be able to --

SPEAKER: We got kicked out there.

SPEAKER: So for the record, 1 note is still working. Let's try this again. Okay perfect. So the other feature that I want to highlight here is the read aloud feature. And -- so you can select the person with the talking voice at the top. This feature is great. I use this when I'm writing a document or an e-mail to a lot of really important people and I've it rated on it like 10 times and I'm ready to send it and I use this feature because by that point my brain can't proofread it anymore my brain knows exactly what's on that page. Ironically that's never what's on that page and I use a read back feature it reads it to me and I update a whole bunch of different mistakes and send it. So I'm going to push the play button on the bottom. Reading on the screen). So I'm going to pause it there. 1 of the things you'll notice is that the individual words were being highlighted as they were being read out. I don't use this as it's reading to me but when my son is reading he's able to see the words and start understanding those big words because we're beyond dog and cat but when you get to words like comprehension, breaking that into something a 6 or 7-year-old can --

SPEAKER: And I'll bring this a little closer to home. I'm sure many of you in the room have dealt with RFPs, they can sometimes be 10, 20 pages long. It's 1 of those things that it's like you either have to find a different tool or different method. My father used to tell me to read sentences backwards. Well this is a different way of proofreading so it's highlighted and read to you, so every user can have much better proposals or documents generated by using this as an end user before they send it out.

SPEAKER: I think now that we are connected we should do -- so Dean and myself have introduced so we're going to go down the line and hand it off to Peter.

SPEAKER: Good morning folks. Many of you probably recognize from having been to this event for a while. My main area of focus these days is making sure that people inside and/or can easily create content that is accessible to anybody. I have demos that I can share with you in just a moment and show you what we're all about.

SPEAKER: Good morning everyone my name is Jiaxin Zheng. And I am here representing the windows group. I'll be sharing some of the updates within our screen reading narrators as well as our other assistive technologies within windows as well. I'm more than happy to answer questions. If I can't answer them I'm more than happy to take them back to my team and I'm looking forward to sharing some of the demos within windows and just getting your feedback.

SPEAKER: Good morning everyone my name is Hani Loza I'm a principle manager on the engineering site and I'm joined with Anita and she just stepped out and will be back.

SPEAKER: I'm will Louis I'm on the translator Microsoft team. So I'm on the captioning side so I'll be talking to you this afternoon about that.

SPEAKER: And I think that we're trying to do our desktop sharing again so bear with us. I think it's the network and the way we connect just keeps on disconnecting. So I don't know if there's anything that we can do but let's switch to it because I think we can just go to the next slide and keep this moving. So really what we want to do throughout this day is, if you have a question, you know, ask it. We're happy to voice it. If you want to have a side bar conversation, we're going to be here and in the hallway during breaks. Is there anything about modernization of IT, having your conversation with your internal IT department and how we can help you have that conversation that you want to ask any questions about before we move to the next piece which is accessible authoring, okay? All right.

SPEAKER: We're going to take about 2 minutes hopefully, to do a quick swap. There's a lot of things put in here.

SPEAKER: All right good morning again everybody. So, we're going to spend the next hour talking about some of the accessible authoring. This is what I've been working on for the past 18 months. I'm going to show you something that we always cover in this event we're going to show you some of the new capabilities that we have coming and then I'm going to talk to you about some of the new journeys we have coming out. There's going to be a lot of excitement in the room for these new capabilities that we have. Who was here last year at this event? About half of the folks here I'm assuming about the same on the phone as well. I'm going to talk about the agenda that we covered last year and basically recap some of those improvements. I'm also going to be bringing in some of the data. We've got some really exciting pieces of functionality. And where we're going to be going next. We've been able to contribute back some information about the capabilities of the more modernization of office. We're going to also end with about 15 minutes of a discussion based on the content we presented. I would really love to hear about the challenges that you're having. So I'm going to plant that seed for now and as we go through this conversation keep in mind some of the challenges that you have. For example, if we show you a new future let us know if you like it. Before getting into sort of mission statements and features and thing like that, I think a key way of us talking about accessible documents -- there's a quote that I heard from mar Lee mat Lynn. She said that she doesn't expect -- no 1 should have to ask for access it should just be there. The way we internalize it is -- the first peace is to make sure 20 that people with disabilities can create consume and communicate from any device and that's going to be the vast majority of the work that we do. We have screen readers, learning tools, et cetera. You could have a label, you could have the right to hire -- beautiful keyboard experience et cetera et cetera but at the end of the day that could only go as far as the content being presented. This is really a pair of experiencing and a pair of capabilities that we bring to the table. Many of you might recognize this picture that I took of the conference room for the event last year. You might be able to find yourselves in this picture. I already see 3 or 4 people that I recognize. It looks like dean in the far end. 1 of the things last year we showed you was the road map. Looking back, this showed us -- so quite a while ago. And you can probably recall the first version of the accessibility check. So, this is the case where you've done your documents, you're finished 21 with it and then you must go back and remember that you have to do it and then go through the process of checking your entire document, making sure everything is accessible. We then came out last year to show case some of the outcome of this unprecedent accessibility that we've had over the past 2 years. I'm not going to necessarily go into every detail but the message that I want to share is that we've transitioned to something that really captures something -- configuring your IT network. We want to think about the prevention techniques that are in the product to help avoid making mistake in the first place. We're going to be looking at ways at improving distribution of documents as well so that the entire life cycle includes -- some of those examples for instance on the prevention side is we make sure that the clear majority of built in templates are fully accessible. We've spent up to 10,000-man hours combing through budgets, whatever the case may be to make sure you have -- any single device you can author accessible content. On 22 your phone, you're out in the field you take a picture of something and you want to put it in your report to use later we want to make sure that when you're using Microsoft you have all the capabilities you can have. You're able to take every table accessible with headers and whatnot. This also started us down the line into some of the artificial intelligence that we've been developing. We'll talk about some of those examples in just a minute. On the remediation side I'd like to mention we did bring some improvements from last year. 4 clicks away when you go to file info check for issue, check for accessibility. Such as adding comments and doing spell check and I'm going to show you in a second what kinds of numbers we're already seeing on generating content. Any device -- probably something that folks in this crowd is going to be very excited about is the dramatic -- this is something that we spent a lot of time on and I'm happy to say that we've got to the point that we're 23 comfortable publishing, we believe in industry -- so we've worked with folks in the communities from this room, we've worked with industry experts. We have friends at Adobe as well to make sure we can reflect back to accuracy. 1 of the last things we brought back to the table last year with respect to the distribution -- so I can show you a quick demo in a moment. Where if I sent an e-mail to Anita, I will get a reminder to check accessibility do all the right thing ins my e-mail before it gets to the person that needs it. Now I'm going to go into this last piece of the slide. And so, we'll be able to show you our progress vis-a-vis these improvements that we started talking about last year. I'm going to go through these capabilities that we've talked about. You simply search for the word accessible, whatever it is you're looking for and we're able to prefill all that content that we have virtually made. You can see down the right side that's the entire list of all the categories of templates so if 24 you're looking for a newsletter, calendar, holiday card, you can find all those right there. We've also built in an accessible template sampler. This is basically a document that can come to your machine and show case for you some of the most popular templates we made accessible. This is the accessibility checker inside mac. This is new. This is again going back to being able to capture anything in your device. Now I'm showing the editor feature inside word. This is sort of think about it like spell check 2.0. We're able to do things for example where you have inclusive bias, those kinds of things we're able to bring to the table as well so for example, if you are to write -- this will recognize that in your document. This next screen shot is just a quick reminder of where we put the accessibility checker. It has a review tab inside office so this brings it back -- and last but not lease this is a screen shot where in this case I'm sending an e-mail to David who has himself claimed that he prefers 25 accessible content and as soon as I click send I get a little reminder to remember to make sure to check accessibility. Before I move on I wanted to take a quick opportunity for any questions. It does not look like it. Okay we can keep doing. Now I mentioned that we talked about sort of that new impact that we're having. I'm not going to necessarily show anything that's earth shattering yet. I'm going the show you a mental shift where we're data driven. Now we can come to a room like this and then we can go back and build it. We want to make sure that the thing that is we're investing in are working. We are starting to capture filamentary. For example, if you look at say, a hundred sessions of word where pictures were added how many will people add alternative text and we'll be able to look at some of those. So, we've been able to move metrics by about 5 X. And to increase their usage of it is helpful. At this point we're averaging about 4.6 people. 26 I consider this a huge increase at this point to where we were a couple years ago. There were barely anyone using the accessibility checker. If you did get to the data behind this, you can see that people can getting more quickly to it now. We've enabled things for advanced users for people to be able to put the accessibility checker to your tool bar. At this point I use the accessibility checker all the time. It's right there. I can go right next to it. Undo, redo I can click that and the accessibility launches.

SPEAKER: And could an organization rule that out as a default to pin that?

SPEAKER: To the extent that anything else has that capability built into it already yes. It falls now into the infrastructure that allows you to do things like that this is something we demoed last year as well. You type in alternative text or accessibility or accessibility. We recognize your content there and want you to check accessibility. Questions?

SPEAKER: So I have a question. 27 How much of this usage do you attribute to the relocation of the tab as opposed to all the advertising, word of mouth? Because I can tell you from a couple years ago most people have no clue about the accessibility checker and you know the fact that it existed. It was built in and had been built in for years. And it was like oh my God to those people so I'm not saying you're not doing a great job but I'm just wondering is people paying more attention the question I have for you do you know which population you're looking at are you looking at state and local governments? Federal? There's a huge increase and I'm just curious.

SPEAKER: To start off with this allow us -- it changes 1 feature will be a change in overall metrics. So, we can tell that that addition of -- I could imagine that these numbers are actually bigger if you look at the told population of people using the accessibility checker. You asked a question as well about the population of folks that we're looking at. This is taking the entire population of all our production accessibility users but 28 we're able to take this a step further with the infrastructure we have in our system to allow us for instance to reflect back to certain organizations like IT administrators, what they're experiencing to the accessibility of their documents.

SPEAKER: Is this specific to office 365?

SPEAKER: Yes this is in office 365.

SPEAKER: Oh, okay.

SPEAKER: We have a question in the virtual audience. Is the accessibility available for --

SPEAKER: They're going to be talking about the accessibility checker in a few sessions from now.

SPEAKER: What was the name of the accessibility checker you referred to earlier.

SPEAKER: I assume that's --

SPEAKER: And Peter just a clarification. So, there's some confusion on what office 365 is because we have a question up here. So, office 365 is a bunch of different things when we're talking about specifically the office client, it is called office 365, it's the desktop version. 29 It's just delivered, and many agencies own it. If you ask your IT group do you use office 365 and do you have the -- there's a suite that's called E 3 so if you have an E 3 suite that includes that office client. I just talked to a couple different agencies where they owned it but hadn't deployed it so it's very important to talk with your IT staff and understand that 1 you own it already because usually they'll focus on e-mail first and, so I go get e-mail and you won't even know if you have office 365 because you just get a bigger inbox. So that's a good question to ask. And it is also available as a standalone. The idea behind this -- and I'll turn it back over to Peter in a second is that some of the things that we're going to show you today is only available leveraging cloud capabilities. You need a large -- a lot of machine learning and processing. So, cloud first but to deliver it on premise and we have a bunch of different variations so if you're worried about office 365 to the client 30 and whether you can use it come find me and I give you advice in that aspect.

SPEAKER: Is the accessibility checker going to be available in office 2016?

SPEAKER: I think the more specific question is, are they moving that accessibility checker tab in 2016?

SPEAKER: No but it will very likely be in our next version of full office that will be in 2019ish. All right so let's get into some of the more exciting things. So, what I'm showing right now is that same slide I showed a minute ago. And then some of the capabilities that we brought to office 365 last year. I want to jump to that last column. And some of the new capabilities that we're bringing. So just walking through the slide. First is we're able to automatically generate -- we don't claim for this to be the perfect description. Obviously, we can't imagine what kind of context you're using. 1 in particular is there was this picture -- the description was a happy dog running. Now that might be great if you're sending a family holiday card, but this can also be a 31-picture used inside a grass fertilizing company. So, we're able to provide that kind of context is important as well.

SPEAKER: We're had some people give feedback. The fact that it does alternative text automatically isn't as huge that it prompts the user that they should fill in something and so that is the big win. It's like if you leave this by default it's okay but you may want to make this better. And that's what Peter is trying to enumerate is that we're trying to move from a manual process to a guided process and our ultimate goal is to get to automatic.

SPEAKER: Alternative text that was generated by a machine. That alternative description makes sense in the context that you're using. If you want to send a link to that document, you probably have a variety of ways of getting a link to that document, but we've added a feature, so you can see all your new links and it will automatically put in the actual name of the document in a very easy to recognize human parable string that has the name of the document as opposed to HTTPS. Favorite agency dot gov, et 32 cetera et cetera et cetera. These things are very hard to parse and probably have an impact on the overall compliance of the document based on the hyperlink. We put in the more accessibility version of that hyperlink for anyone to use. We've also made a big change. As you may have seen yourselves in using it hadn’t always been -- this is something I'm super proud of. We've been able to do -- we've recategorized certain rules. Some of the things I'm going to be showing you in just a moment is the ability to fix documents from the accessibility checker with a single click, so this is adopting our path forward to a more spell check like experience. We're also giving it more of that spell check look and feel to make sure that within a single click we're able to provide you with the most recommended action. That's probably something that's much more easily shared via ahead. Before I go into the demo let me capture the changes that I made so I mentioned a minute ago that we have the accessibility checker rules. The first 33 is that we have removed 6 rules. You're going to wonder which ones and why and the example would be the rule that is claiming the inaccessible document -- how many of you have had documents longer than 14 words and it's unnecessary you have it perfectly worded and appropriately worded. Other things we've did is upgraded certain rules that were having a bigger impact -- for example the fact that certain headings are out of order. This is something that we consider the tip of the accessibility -- we've now upgraded that. Whenever you have headings in your document we want to make sure you have better headings in your document. We've also added. The first 1 is color contrast. You can check the contrast of the text in your documents. In terms of aligning -- it will show a before and after review. Where about 7 out of the 20 rules that we've had, and we've now gotten closer to 8 percent with 16 -- the 4 that are left are places where we think we have about 4 but we feel that it doesn’t have a big impact on our documents. 34 You can imagine that if you create a document and hit save and close it that's going the save the document. That's not helpful for anybody. Based on our -- the data that we're looking at most people don't do that. Most people put appropriate names. So, this is not something that we feel we need to add to the accessibility checker right now. This last chart I'm showing is looking at the effectiveness that we have. We need 1 click solutions to fix contents in your document. When I look at the capabilities of accessibility checker can fix for you I put these in 3 categories the first would be a set of actions that you can take that has a high confidence -- for example if you have a data table without a header we know that the right thing to do would be to -- in some cases though we don't have that 1 click action available. But we know what the next step that you need to do is. For example, inside power point you're supposed to have the -- we don't yet have a way to detect that but we're able and fix and review your reading order from it. 35 Lastly, we are currently in a world right now where about 5 of our rules do not have that single click action. This is something we're going to continue to move on. So, when you look at the second part of each series that's where we're heading next so to quickly recap 10 out of our rules have that high confidence designation that I mentioned. By the end of next year, we expect to take that up to 18 or drop those or help document from 5 to 0 where you can just take the action -- now enough charts. Let me mention to skip over into a demo. I'm going to show you 3 applications and we're going to start with inside word I'm going to open a document. I have intentionally added a few accessibility issues in there. I'm going to then show you -- oh there's a question back there.

SPEAKER: Thanks that was great. You mentioned the -- I can't remember the name of the committee. I just want folks to know that that is a government effort you know an agency group working with companies. So you know that's not a Microsoft thing that's something Microsoft is helping us with so it's 36 great to have that and that's the same 1 you're talking about, right?

SPEAKER: Yes absolutely.

SPEAKER: I'm going to ask are any of the accessibility options demonstrated today available in office 2013 \*?

SPEAKER: No they're not. All right. So let me join back the connect session here.

SPEAKER: And Peter while you're doing that, a little guidance on some of these backwards compatibility scenarios to address Microsoft 2013 so some of the work we're doing requires leveraging artificial intelligence some of the work being done requires a change and even sometimes the interface the API level and some of it requires actual new features okay. When we had talked to agencies in the past, these types of -- what they would classify as major changes are things that they don't want to be introduced as knew features. They basically say I have this version of officer. I want it to stay the same and I just want the security updates so having that kind of guidance from federal agencies and such forth, where 37 federal customers have said they want the latest and greatest which is the cloud sort of investment. That's the best. So, we buy furcated where we deliver features. Where we deliver features at a periodic approach. The 3-year cycle that many organizations are used to and that quote unquote demand and then we have another approach which allows for a much more quickly innovating also allows for different platforms stuff like that. So, you're seeing that we're trying to address both sets of customers. It's not that we done care and don't want to deliver it it is just that some of the engineering uplift and some of the policy base are limiting that so going to say we're going to use the office versions as our 2 delivery points and then we can work with the organization to figure out how we can increase accessibility. So just a little more background into why that is.

SPEAKER: Could you do version check where you just ask people what --

SPEAKER: Okay so version check I think this is version check 4.0 because this is the fourth year we've done this. I'm going to go back and start 38 at office 2003? Okay thank you.

SPEAKER: There's out there.

SPEAKER: Yeah, so I did have 1 agency that was still on 2003 because they had international treaty restrictions. So, 2007, office 2007? Office 2010? Okay a couple. Office 2013? And then office 2016? Okay and then office 365 pro plus? Okay so we're starting to get almost evenly spaced so anywhere from 2013 to office 365 pro plus we have about equal distribution. Maybe we'll do that at break.

SPEAKER: We're trying to be daily driven. 1 more question here.

SPEAKER: I don't know if this is the appropriate time to bring this up. I don't know if any work -- this might go not be the appropriate time to bring this up but is any work -- inaudible.

SPEAKER: Unfortunately I don't have a demo for you today but --

SPEAKER: What was the question?

SPEAKER: The question was about I ZIO --

SPEAKER: Yes sometimes --

SPEAKER: He needs to talk into 39 the microphone.

SPEAKER: Yep. So, I would encourage you to try out the office 365 pro plus version of viz owe. Also, as well in the experience for people with disabilities consuming viz owe diagrams.

SPEAKER: So the repeat of the question is what of the improvements or have there be any improvements in viz owe and a follow comment was sometimes you have to write pages in order to review a video diagram so what we're looking at is they have done a huge amount of effort not only in accessibility but coauthoring, web, mobile so it's kind of a reinvention of viz owe of 12 months. So, if you haven't looked at it in the last 12 months that's the thing you want to look at. So, most organizations buy video owe and project separately from office, so you may be able to get the latest and greatest because the organization is a little more flexible in those spaces.

SPEAKER: This is something you must buy right?

SPEAKER: So is this something that you must buy? So yes, if you 40 own Visio 2010, you're not going to get any improvements but if you have Visio pro plus or Visio on line, it's a 1-time purchase. You never -- there's never going to be another version of viz owe on line. It's -- so even viz owe 2016 \* and I don't get these improvements that's only because of that old pair dime of every 3 years. If you have that 1 that's called viz owe on line and/or office 365 pro plus those are the evergreen kind of improved that you never have to buy another version. Hopefully that's the way it is.

SPEAKER: 1 comment. So, 1 comment on viz owe. They recently released in September. They speak to how Microsoft and office is driving toward inclusive design whenever they release a feature or product you can't release until your accessibility. So, when people think of viz owe those are the ones where people raise their hand and say can you make that accessible? They went through and thought about the reading order and how to make those viz owe diagrams readable. So, I encourage you to go and check out the 41 latest version. If you have any comments or feedbacks let me know. Viz owe is always looking for feedback especially if it's for the added viz owe users. Let me know and we can connect you and you can send your feedback, so we continue to improve with video.

SPEAKER: I want to make 1 more point about viz owe. Anita was talking about what the reading experience was going to be like for example with a person using disability. Not only did we say there's a box and arrow, but we describe this is a process element that then flows through a decision point and it makes up into the 3 branches the yes, no and maybe and if you were to basically to ask a screener to start from top to bottom. It will sound like a human speaking to you and describing that diagram it's exciting. The other thing that I discovered and had almost like an epiphany with it is it has the capability of creating a viz owe diagram in an excel spreadsheet. So, I created a table that had the text on 42 shapes, each with their own information, I can add a column inside excel for what I want the alternative text to be and then within viz owe just click a single button that says import and it generates the entire viz owe program. All right I won't steel any thunder from my own demo.

SPEAKER: We have 2 questions. Can persons using screen readers access software created Visio diagrams and the second 1 is we have 2013 Visio like to know if it's accessibility.

SPEAKER: The answer to the fist is yes, the second no. So, a quick recap -- more questions?

SPEAKER: Can persons using screen the second viz I don't believe if it's accessible inaudible.

SPEAKER: I'll just refer you back to that commentary. And again, going back to the person with disability trying to create the document we made that accessible for everybody so people without a disability -- it's easier for them to make it accessible. And that add in experience that I described where somebody may prefer to create that in excel where it’s much easier to list out and it 43 says process element, that is in much --

SPEAKER: And let me do a side commentary. Some people -- I hear the 2010, 2013 how do we get some of these benefits? I will submit to this group that inside your organizations, you're probably looking at a refresh. It's 2013, 2017 that is generally -- the longest they go is 5 out of 6 but since windows has wanted to increase their security aspect basically they're jumping on that band wagon and they're doing their desktop refresh early. So, the latest versions of all these have the conversations with the IT because they are probably already looking at the update in their desktop refresh because it is either time or it is mandated, or it is just their flowing the rest of the federal agencies best practices okay. There's a few outliers I agree, and I acknowledge that but by in far you are probably within 6 months or a year of getting a brand-new desktop.

SPEAKER: Maybe there's an opportunity at the end of the to have a 5 or 10-minute discussion about this.

SPEAKER: Yep. 44

SPEAKER: So this is the most recent version of word. I'm going to ask you to look that we listed the -- the other thing that I was mentioning is that I add the accessibility checker into the access tool bar. The first 1 available to you which is currently turned off -- by pressing ALT 4 I'll have the accessibility checker come up. The thing I want to draw your attention to is what's on the bottom left of the screen. Next to spell check we've been able to tell you that we've been able to identify your accessibility errors. Whether you have accessibility issues in your document we're able to tell you without being the accessibility checker opened that you have accessibility errors in your document. So, let's see what that's going to look like. So far so good. At this point there's nothing new that you'll notice in the accessibility checker. So, in this case again intentionally created this. In this case it looks like there is a table that says there is no header row. Now when I look at it looks like it's a header, but word doesn't recognize it that way. So, I'll notice that the header row is not checked but I know this I'm an expert in this I know exactly where to go. Let's say you don't and I'm sure some of the users that you deal with on a regular basis do not. So, I'm going to introduce you what we're internally calling the fixer menu. We've already highlighted to you the most useful recommended actions available to you. And the 2 recommended actions that we’ve provided if you really believe -- or maybe this is a lay out table and you want to change it to reflect that. In this case looking at this table it explains heading labels. I can tell that each 1 -- it looks like I'll be using that first row as a header. Let me go back to the front of the document where the AED COP logo is. But in this case, it looks like this image is not in line. Now for many people we've found that this concept is -- we're trying to make sure that you don't need to have this baggage to be able to solve these problems. 46 So just like the case of solving the issue with table headers missing, this is a case where we have recommended this action placing this image in line. So that's that for word. I just quickly showed you where you accessed the -- putting it into your access tool bar at the top or being able to see it from the accessibility checker in the bottom of the status bar now that will get refreshed. I'm going to jump into power point. This is what I showed you earlier that shows the conference room we were in last year. I have a slide that shows the mat Lynn in there and the agenda I showed earlier. Let me go to the accessibility check and see what's up. It tells me I have 2 issues. It looks like there's this new thing that there's suggested alternative text. Our machine has detected that this is a picture that we can recognize but we also want to make sure that the reminder is still there. So, since I'm on that slide I'll start there. What is the best way to address this particular issue? Here it's 47 asking me to verify the description I added. This is extremely accurate. Let me see if I can change that. There we go. You'll notice that the accessibility checker will recognize that you gone in and added this. Let's keep going. I'm going to go back to this first picture of the entire group and I'm going to show you the new alternative text experience inside office. What you're looking at is a new task bass experience. You'll notice a couple changes from what you're using. First of all, it's a standalone experience. And we've also simplified it down to a single field. We found that there really isn't much value to having 2 -- and we provided a much simpler 1. In this case the text says how will you describe this object and its context? It used to be all text. So, let me see what this is like. In this case I'm going to ask the service to describe what this particular image is and assuming the internet is good -- yep it came back by saying it's a group of people sitting 48 at the table. This is a pretty good prescription of what this is. Now let me move on to the next 1 and this is a picture of a slide that I had at the very beginning and I have a title that says agenda. I have a text blog that says the 5 or 6 bullet points on there. But as you can imagine this in and of itself doesn't have value to the slide. I don't anyone to spend a lot of time looking at this picture. So, let's see what happens when I look at the accessibility checker again. So, there's that accurate button. We now have this new capability as well. Tomorrow that image is decorative. You recognize that there is potential just a minor visual value but for the most part it's cannot something that's particularly -- sew I'm going to do that. You'll notice that the text that we're showing also got grayed out. All based on the actions that I took from the accessibility checker. So hopefully now you can start to see the story that we've been building up. All right I'm going to switch over to my last demo here. Looks like there's 1 question in the back. I'll take that quick question.

SPEAKER: Hi how do you access the accessibility checker in power point?

SPEAKER: The same as in any of the other applications. So, I'm going to go back to my screen here close off all of the things that I have opened and take you back to the original version of power point. We're mentioning make it easier to get to the accessibility checker the same way you would get to spell check so there it is in power point and it's consistent across all the applications. You can right click on any of these commands and be able to choose any of these options. By doing that for the accessibility checker this button is also getting moved to the top here. I don't have to switch to something else and lose the set of tools I'm working on I can just simply turn it on and off from here. The other thing I've done is you'll be able to get to it from the status bar just to detect whether you have spelling issues or not. I'm going to ask to pause those questions on the line until I get to the other demos.

SPEAKER: We have a break coming up. So, we'll get to those later.

SPEAKER: Let me switch to over here. Last machine switch. The only reason I'm switching right now is I have a demo version on this device that is still internal at this point and so it's not on this official device I'm using right now. The last thing I want to show you is this spreadsheet that I started to put together to track the Excel power point. Across the columns I have the number of errors warnings and tips that this software usually reports. Now I'm seeing a few folks squinting. This isn't intentional. It has very poor contrast. I don't know anything about accessibility, so I was just doing what I thought looked good. I'm going the launch the accessibility checker and you'll notice that it will immediately tell me that it has 3 instances of -- now 1 of the things that I'm excited to show you. Is that it's able to aggregate together all the cells that have the same format. I don't want to have things telling me that those rows that have blue -- to make them more accessibility I should only do it 1 time. So, let me show you what this is like. I'm going to select right now the row for word that is in blue for background. If recommended action would be to adjust the formatting of these cells. I'm going to try white text on that black background. Here's another 1 that I can quickly show you as well. This is the sheet inside excel where I'm using 1, 2 \* and 3. Not very helpful. In this case I can just type in add checker violations. Great. That's that for the demo. Let me go back to the slides here. Hopefully you all got a chance to see a little bit of the direction we're going. A recap is we're trying to make it look and feel like spell check. I see that there might be a couple questions there I'm going to save those for the end when we get to the Q and A. So, you'll recall a minute ago we talked about measuring the impact of these changes and we need to understand what these are going to look like. I don't know the answers yet. Some of the things we were able to do is understand what is the rate of fixes that they're making? What are those that are least often fixed? It helps me understand what is the next set of investments I should make. If alternatives are missing -- As opposed to a file name having the default name for example. But I'd love to take a quick show of hands is this information that might be helpful to you guys? Would folks in your organizations find it useful to -- we're already seeing some head nods. Show of hands yes. The kind of experience is not justice hey I'm going to create an excel spreadsheet, but this can help your organization decide where to move your limited resources. So say you're an organization where the top amount of accessibility issues is all related to visuals or things that might affect people with a visual disability you can imagine that you can tailor your training experiences and your documentation of whatnot just to those things first. Use our dashboards to track your metrics and see that change over time. That way you get rewarded. And you can show it off to your boss as well. So, where we're going next? I want to just take a moment to talk about the outcome folks and driven strategy that we're following. We're trying to pull numbers and understand where people are making their mistakes. Let me talk to you a little bit about how we look at this. We have 3 key user groups the first is a set of authors and collaborators the second is the people with disabilities of course and the third is an organization as a whole. Going down we're talking about the specific KPIs we're going to start to measure. So, let's see what that looks like. For authors you want to make it really effort less. Obviously, the key thing we want to try there is make it less effort. But if there is something that brings us all together here is we do care about people with disabilities. Contribute to the success of others. How the things that we're able to start measuring is determining how many documents are being created without accessibility violations how many documents are being shared without accessibility violations. What subgroups are creating the more or less accessible content. I see you raising your hand. Just wait for the Q and A. I realize that sometimes requires you -- it might help you through your workday. I want to make sure that we and you can imagine this will help your organization retain an aging workforce and tying back to the point where -- the interesting piece here is the kind of data we're going to capture here. That way for example we can flag that to a compliance officer to an administrator, to a business decision-maker so they can follow-up and help people who are trying to do documents. We are also able to measure the satisfaction of people with disabilities using the product. Now this helps us because it's like hey we love Excel and power point. But people with disabilities are simply happy with the tools that they're using. Helps them maintain an independent lifestyle that they have. Make sure that you have an inclusive work environment et cetera. The kinds of data we're going to be able to measure there is the 508, so to speak. Anything public, job descriptions, policy notices, that kind of thing. We're soon hoping to be able to document that and to make sure those are always assigned an accessibility perspective. I have just 1 more slide here to wrap up. The first part I kind of talked about is making sure that the right people have the right set of tools. So we are looking at capabilities where we can identify within your network those -- and help your IT administrator deploy those tools to the people that need it even faster. I totally respect the fact that -- not everybody's able or should get the latest and greatest but at least for the people working with disabilities we want to make sure that they can get to the front line as quickly as possible and we're looking at ways to do that. To continue that on we're also making sure that you're -- that means things like using the accessibility checker data. But we can even take that a step further. We can help you scan the Web sites to make sure that they are compliant. We can take that a step further from that. They will scan those applications. We don't want to horde this data. We're looking at ways to create these really meaningful dash sites that we can send back to you that you can monitor your own organization. That means things like even being able to send out training. So, everybody in this room is part of this inclusive team that you have we want to make sure that you have the tools that you need. These are the 3 most common types of things that they encounter on a regular basis. We have 1 to 2-minute videos that explains everything. You can imagine at the end of the day you get an accessibility score for their organization and be able to track that over time to see to see that implement work. This is showing you the kind of direction we're moving towards. From there you can click on these, see what kinds of applications we're using. So just to quickly wrap up. 1 of the things you heard me talk about is having things like more useful and detective materials. YouTube videos and whatnot for offering content that is accessible and the partnership where we've been helping them understand what are the new capabilities of office and making sure that those are captured in the modern baseline guidance. Reflect back the kinds of impact we're going to be able to have with this kind of investment. As an example, I recently held off the excel on your P.C. We've reduced the instructions by percent when it comes to making it accessible. And we've brought that down by half and that's part of this overall 508 of how this helps you to -- and on the flip side I've been working with third parties and trying to understand the data -- just selecting the header. We made sure that that checkbox in and of itself is speaking back into the screen readers, so they can keep up with the change that they've been making. So, at this point I blew over this portion of being able to talk about the Q and A kind of back and forth discussion. It looks like we already had a little bit of that. I'm happy to steal a few minutes of that.

SPEAKER: How do you want to deal with the Q and A?

SPEAKER: Westly has to get the rest of the lunch orders. They need your orders now.

SPEAKER: So like a 5-minute break so if I want out their lunch orders if they haven't already and then Q and A?

SPEAKER: Let's do more like between 5 and 10 minutes.

SPEAKER: Come back and do Q and A on the last session and we can do some side bars. If you've already filled it out but have additional questions come on up.

SPEAKER: Okay is Helen back in here? I think according to our time we're going to start in another 2 minutes so those people that are outside and so forth we're going to try and get started in another 2 minutes.

SPEAKER: I know that Peter has a lot of questions that are coming in on line and in the room. For folks that we don't get to your questions, all of us will be available at lunch so you can come and ask us during that entire hour and we're also be available at the end of the day.

SPEAKER: All right folks let's get back into it. At this point there's a few more presentations we have lined up for you this afternoon. It looks like there was a bunch of questions that was coming up from the previous presentation, so I'll take those.

SPEAKER: Question regarding the availability of these features would those people subscribe to the home subscription or those people that go through the home use program?

SPEAKER: Yes. If you are a subscriber to office 365 be it commercial or consumer you'll have access to these. You can control yourself the frequency of updates. You should have those fairly quickly. 1 thing I do want to highlight on that note, things that are service based or intelligence based, the ability to automatically caption an image what would that be like to update the AI model moving forward? The beauty of these services is they'll stream to you as they become available. We'll take the logo of a variety of government agencies that we've spoken to and include that as part of our trip report. Instead of going into that and type 1 text we're developing models of a variety of agencies brands and what not. So as soon as these updates become available the next time you insert a picture of the access board, you'll have those automatically recognized for you without making any chains.

SPEAKER: So we had a couple of questions. So, to clarify, all the functionalities the team is demoing is available in office 365 and viz owe pro plus align?

SPEAKER: Do you want to take that?

SPEAKER: Yeah.

SPEAKER: Yes. That's correct. So, you enumerated 3 different things. Those capabilities are available each of those 3 things and the last 1 is viz owe, we haven't -- we talked to Visio capabilities, but we have adopted a lot of the review tab and those kinds of things. But the primary E 3 and office 365 pro plus.

SPEAKER: And I have another question from the audience. Rita asks did they say to use the combination of ALT plus if? If so that's the key stroke -- I just wanted to confirm I heard this correctly.

SPEAKER: No that's not correct. It's ALT 4. When I move the accessibility checker to the quick access tool bar it ended up being a fourth command on there. So, anybody that adds that will have their own set of ALT key tips available for them. In my case over here the accessibility checker ends up being the sixth 1 whereas when I switch into excel it was the 7th and then the fourth.

SPEAKER: When you're talking about Microsoft word, will a list of tables marked as layout be generated?

SPEAKER: Is the question about a list of lay out being generated?

SPEAKER: Yeah.

SPEAKER: If there are accessibility issues detected with layout tables they would be available in the accessibility checker yes. So, I can take maybe a couple more questions while my colleagues switch out their devices.

SPEAKER: I wanted to ask does the checker fix texting issues?

SPEAKER: The closest we can get to right now is in the basis where your tables where merged or split cells we can detect those and the fix it will help you merge right there. If you have a nested table inside another table, we don't have a way to fix that yet.

SPEAKER: And is there a comparison chart as to what's in office 2013, office 2016 and office 365 documenting what we're explaining?

SPEAKER: From the accessibility checker perspective no we have not released these yet. But it's an easy answer because none of these will be in the earlier versions. So, whatever you have in 2013, --

SPEAKER: No. I think the other piece that kind of helps you compare the different versions is the ADCOP documentation. As the documentation itself shows the elevation to do this and 365 to do this and to Peter's 365 half of a page disappeared. So, you can see the differences that are documented. That's the best point.

SPEAKER: Those are features represented to accessible offering and the lack of the difference, that's exactly how I've been working with the community. We took the office 365 version. We replaced all references -- but that again just highlights the fact that there was very little change and we just ended up refreshing those.

SPEAKER: If you're trying to look for those accessibility features, if you go to road map dot com there's a road map area you can search for accessibility. Additionally, if you don't know where it is --

SPEAKER: Sorry. Go to Microsoft dot com/accessibility.

SPEAKER: Go to Microsoft dot com/accessibility we'll talk about this at the resource session later as well. This should be your go to spot for everything. It has windows information, office information. If you click on the office item at the top of the screen it will go into the office train center. It shows how to use all the features as well as highlighting what is new.

SPEAKER: The blogs come out with a summary of what has been added. So those 3 resources will get you what's new.

SPEAKER: So we are going to wrap up the accessible authoring. Thank you, Peter. If you have additional questions we're going to do that in this room during lunchtime and then share point will be in 1153 I believe down the hall and to the right and we'll have a Q and A follow-up for share point as well so with that we are going to kick off share point provided that the content is being shown on line. Which it is not because nothing is being shared. Okay we're good so we are going to try to wrap this session up by about to get you out at 1215 for lunch because we know that lunch is important.

SPEAKER: Hello folks. My name is Aneetha Jayaraman. I am a program manager with the share point product team and I'm going to talk to you about share points investments in accessibility and I know you guys are very excited to hear about this. Okay, you've probably heard this a couple of times today. Empower every person and every organization on this planet to achieve more. It's such an inspiring mission. It's my favorite thing of Microsoft. I love it. All of us here uses micro. And it's also an incredibly bold challenge because you only need to be able to look around this room to see how. Diverse our audience is and that is the challenge. So, what does that mean? For share point, it's a little hard for our mission. Mainly because share point is extremely out of the product. It's also incredibly flexible platform for you guys to be an inhibition, so all that flexibility that we provide it needs to have -- as I'm sure you're all aware and so it brings with it a whole new set of challenges. So, the challenge really for us is to create a product that is powerful but still making it easy to use and accessible so let me tell you all the stuff that we've done. So about 3 years ago we started focusing on accessibility. We also took this as an opportunity to completely share point and complete it as a product. So, this is a very significant wish to its modernization and I want to show you how accessibility has been at the center of this and how it is increasing as we continue to -- you should be able to see this in every 1 of the demos that I show you today. So, I have 2 goals for this session. For the first half of the session. So, my first goal is to show you that share point is completely accessibility out of the box. That you do not have to spend money on custom business solutions. It is a monitoring check point. It should take care of that out of the box field. My second goal is to give you a little bit of insight so that you can -- I want to reiterate though that our forward thinking and that everything I'm showing you here applies to office 365. Now I don't want to take away from the journey we started 3 years ago. We've made some significant investments and fixes on I cloud. We have made material changes. We label keyboarding -- so you should feel very comfortable that 2016 is compliant. However, it still remains that in these experiences accessibility was added on after that. So that reflects an experience that by complying especially when you compare -- so you may be thinking well that's great but how does this help me? Well I got a solution for you. My friend here is going to talk to you about hybrid as an option and also highlight the resources we have for you. Okay now that we have all that context let's jump into a demo. I'm going to show you how the self-service site and feature. I'm going to head over to the -- let me know if you can see -- all right. Okay. So, I'm on the share point -- I'm actually on the share point home experience. This goes to all of your sites. You have your following sites you have your recent sites. And it's from here that you're going to be able to create the setting. So, I'm going to go to start. Sorry. Give me a couple seconds, folks. Share my screens. All right. So, I am -- tool tip -- we're back on the share point home experience. All right. Now that I have that on I'm going to try and -- I'm going -- it's just shutting it off again. So that -- oh, come on.

SPEAKER: The good news is that we're getting very good at connecting to this. I hope nobody back there is keeping tabs on how often we're doing this.

SPEAKER: This is not bad because we all go through that and we're thinking that oh. Man why? So just seeing somebody else with much more experience with this have this problem, thank you.

SPEAKER: We almost never see this. So, it's like 1 of those things of, we're getting really good at it but I'm not sure we should be.

SPEAKER: And thank you for sharing those experiences. It happens quite a few times. So back to the demo when it is not sharing again.

SPEAKER: Are you sharing?

SPEAKER: Nothing is currently being sharing. So, let's try 1 more time.

SPEAKER: I'm going to try 1 more time and then I'm truly sorry.

SPEAKER: Do we have any questions as we wait for the -- it to present?

SPEAKER: So let's pull a Steve jobs mover. If you're using WIFI in the room and you could stop streaming video or other sorts of things that might help her. So, stop for the next 10 or so minutes.

SPEAKER: Try 1 more minute. Okay so anybody streaming Facebook or twitter please drop off until lunch. Any questions? Okay.

SPEAKER: I keep dropping off on network. In the meantime, we'll have a question.

SPEAKER: What version of share point are you guys up to?

SPEAKER: So --

SPEAKER: Oh hold on.

SPEAKER: Repeat question. Yeah, the question was what version of share point is it right now. So, it's going to be office 365. But what's -- for the on premises, 2016 is the latest version. We shipped 2 feature packs that bring additional features that bring that --

SPEAKER: So we're going to cut off questions because it's working. We will get to that soon based off of that.

SPEAKER: Okay this doesn't seem to be working so should I just at least --

SPEAKER: Okay next question. This might be an entire Q and A session.

SPEAKER: My question is, I know that initially when you introduced share point you talked about cloud based versus hybrid. A number of us in the federal government are leveraging the cloud based solutions and we're not only doing it for cost efficiency but we're doing it so most government agencies are really utilizing the federal platform and moving our data to the cloud to inherit the fed compliance so I'm interested in knowing when you talk about the features in the E 3 or 2016, if the cloud base system has the same features or different features because I think for a lot of us the security controls that we're inherits drive the platform and we're not even going to consider. That's my question, thank you.

SPEAKER: I believe the question was, are the features in the E 3 similar to what's in the SharePoint 2016?

SPEAKER: The cloud.

SPEAKER: Yeah so there are differences between what's in the cloud and the 2016. And I actually have a slide that's going to describe how we do 2016 and how it's different from the cloud so it's basically a subset of these features which E 3 has much more than what 2016 has.

SPEAKER: And the last part of that is, you said you're doing the modernization to get the cost reduction and all that stuff. This kind of evergreen -- they're going to constantly improve. So, the differentiation between SharePoint 2016 and office 365 SharePoint is going to grow over time and eventually is going to snap close or near but you're always going to be on the latest and greatest if you're on share point okay. That's why some of the agencies just flipped completely because they have to deal with that.

SPEAKER: Do you have a different V pad?

SPEAKER: Yes there is a different 1 not only for the share point but we can kind of con sol date those. We're going to do a play by play so that people on line and remote can follow along in their minds while people can see this thing -- so we're just going to kind of muster through and be very descriptive of what we’re going to be doing.

SPEAKER: I'm going to do my best. So, thank you for your patience and thank you for going along with me on this. All right. So, what you're seeing on the screen for people who cannot see this is you have the share point home experience on office 365. You have a less panel which has your following sites and then you have a main area which has a command bar with create site and then that is a new feature that is added in. And you have in the main area you have news from your sites which is a group of all of the news from your sites and then you have a section for your frequent sites and then below that, if I can click the mouse over, below that is yours -- is sites that we suggest for you. Which is -- which uses the power of the office 365 graph to -- and intelligence -- So that's the layout of the page. I'm going to turn on that right now and I'm going to use the keyboard as I mentioned earlier. I'm going to stop her because I don't want her to repeat the entire URL. So I want to show you how easy it is to create a site. So, what I'm going to do is exit the chrome and then I'm going to jump directly to the buttons okay so I'm going to use D to exit the chrome. Oh, I need to be in scan mode. So, I'm going to do caps lock space to turn scan on. Okay. Now I'm going to hit D. Okay now I'm going to hit B to jump to buttons. So, notice how it is so easy to jump to the first 1. Now this is not possible without having a structurally correct page and having the appropriate access. It's not just tabbing keyboards but truly setting things like regions, landmarks and things like that and so that's how you get to that. Now I'm going to hit enter. What you're going to see when I hit enter is that you're going to see 2 big bullet buttons and that's going to be the new layout you're going to have the types of sites. And then it will just start. I'm going to hit enter now. Manager tasks and more with a site connected to an office 365 group. All right. So, it renewed the description. Now you're there. I want to create a communication site. So, I'm going to tab over to the next 1. Create a new site. Communication site publish dynamic beautiful content to people in your organization to keep them informed and engaged on topics events or projects button.

SPEAKER: So communication site is a new offering that kind of came earlier this year. So, I want to create that. So, I'm going to hit enter and when I enter it's going to show me a form where I can create a site.

SPEAKER: Topic site name editing scan off editing.

SPEAKER: So I'm going to turn scan off. So, notice that as soon as it landed on the editing site it said scan off. When it enters the field, it will turn the scan off automatically. So, I'm going to call it 508 resources. The site name is available, so it gives you feedback. Now I'm going to in the interestof experience I'm not going to actually fill out the rest of the form but I'm going to go through those, so you can hear what they are. Change site address button. So, if you're not happy with the site address you can change that. Tell people the purpose of this site. Classification descriptions button. I'm going to go into the classification descriptions. Internal only. All plus down arrow collapsed. So, it gives you the -- I'm going to go finish. Usage guidelines. Creating site image creating site. It gives you feedback at every section. Home status. You should have a stunning new beautiful out of the box communication center which is super easy for you to just go in and edit. I'm going to turn that off for a second. Okay. And I'm going to go back to my presentation. Okay. Let's go back. Okay. All right. So, this -- the 1 I just showed you was a good example of how our new accessibility is helping create 1 of the experiences across the board. I wanted to share with you the best practices that we follow. This is how we do it. In share point we have this called accessibility so what we do is we design for inclusively right from when we de -- so as a program manager that's my job to design features and when we do that I work with my designer to come up with an accessibility right off the bat and come up with in addition to -- with interaction for the feature and the dialogue we also come up with a mini accessibility site. That will be layout of the page it will call out things like patterns and things like that. So, once we have that little speck, it then goes into development. Now it makes it very easy for their developers because now they just develop their speck. And then it becomes very easy during testing because we have a speck which helps us catch gaps. Now once we have that, we have typically had experience of using Microsoft where we go through the experience and go through the core tasks to see if you can accomplish them and see if that experience is up to par. We also have the exact same tasks that we can do. Now after doing this, we fix them -- and then we basically hand it off to our testers for the performance testing and then we also do usability testing on our main features where the feature is handed off to an expert in the -- in testing for disabilities. So, they would -- and let me tell you, these are usually people who actually use the readers and other assistive technologies regularly and they go -- and they use our experiences as well, so they go through this and they provide us feedback and I'll tell you they're pretty rude to us with their feedback. They always tell us the absolute truth and we want them to because we feel it's their feedback that's going to make us better. I want to show to you -- this is another great example of how the new share dialogue is a great example of how this design focus has helped us some with a better experience for everybody across the board. I have on the screen here for people who can see, I have on the screen here 2 screen shots 1 with our old share link and with our new 1. I I also have squiggly lines that that is the tab older of the older experience it's sort of like a snake but kind of goes up and down. I also have a line that shows you the interaction pattern of the new share dialogue which is a straight line down. So that's what you're going -- so this is concise and intuitive dialogue shared out that makes sense for everybody. It does not only make this better you make it better for every single person. So, I'm going to go over next and show you the shared dialogue in action. I'm going to go and let's get back to my -- this thing.

SPEAKER: And for those of you on line we are trying to fix the video so Aneetha Jayaraman can share the video.

SPEAKER: Sharing demo.

SPEAKER: If anybody wants questions I can walk the microphone over.

SPEAKER: All right. I want a team site called finance and I'm in the document, I'm going to share this document called financial regulations. All right I'm going to turn on that quick. Control windows enter. Starting windows, scan off. All right let's scan off that's great. And then I am -- share button. Oh, wait list of folders and files. Use up and down arrows keys to navigate. Use keys to navigate. You see the shared button up top I can do it that way. You see the keyboard navigation. You can also -- a lot of modern laptops have the conference menu. You can bring the conference menu up and share to that. Okay so I'm going to cut her off because she likes to describe things. Great. And then -- and so -- but notice there is also a share button here. You know that context menu that I brought up quick with my key board, you can also bring that up alongside the row with the show options button. But the share has been up level for you. I'm going to go over here and bring up the share. I'm using my right arrow key. Okay. Enter. So, notice as soon as I hit it just went -- it landed on the first element. Which is the access permissions. Who wants -- the company that I'm representing, who can see better? All right I want to go in. I don't want everybody to see it. I want to go ahead and change it to an option for specific people. So, I'm going to go into that button. Link settings page. All right so it lands immediately on the option that is available because it's a finance thing. That prevents it from being shared with everyone. So, it lands you on the second option. So that is great, but I don't want everybody to see this so I'm going to go further. Selected people with existing access. Also notice how it says so you’ll see a very good orientation. I'm going to go down and select people. We'll keep the other options the same, but I'll let her call it out and then I'm going to move back. All right. I'm going to go apply this. Notice how -- it took me out of the link sharing page but as soon as I hit apply it dropped me right where I left off. So that's a good thing. So, you are not disoriented. So now that we have that I'm going to go ahead and add my -- okay so I'm going to stop typing here. Okay so I think that's a good thing for me to share with. Status 1 group will be invited. So, it tells me that 1 group will be invited. So, it sends to me. And that's when you share experience. I'm going to turn off again. So that is our new share experience. This is available folks we do this -- this is not just available in share point. This is available in office 365 apps, so you can go try this today and experience this for yourself and like 1 exit PowerPoint share point any of the major apps and we hope to keep pushing this out to other apps as well since it is such an important function. So that's -- so now that we've done this, let me go back to my presentation. Why does this keep starting? Let me go back. All right. Okay so what have we succeeded for you in this matter over the past year? So, these are all the past experiencing that have gone out over the past year that I'm going to show you. That is the new and enhanced share point home that I talked to you about. We have brand new communication sites. So yeah, we have brand new communication sites that I showed you. It has smart filtering. The new share dialogue that we just talked about. All kinds of goodness. And so much more. They're customizing. So, there's a ton of goodness that's coming out there and then we have personalized news we have new office 365 settings we have enhancement tool kit for page altering experiences and these experiences right they are not just accessible on the web they are available across the platform. They are on an IOS. So, this experience is not just accessible in 1 platform. So, you're going to be able -- and that is a huge commitment for us. So that gets a primary focus for share point at this -- so this slide -- if you're unable to see this slide right here pages a collage of everything we just talked about. So, we had enhanced for your page because we understand that what we provide is just 1 part of the puzzle. We need to provide you accessible content easily. So, as I mentioned, we have over 60 to expand -- so I'm going to go back to the finance thing that I was on and I'm going to create a page there okay? Give me 1 minute.

SPEAKER: So while she's bringing up the pages, I'd like to put a little background about the pages. Pages started I think it's now 24 months ago. They came out and they asked I think 7 different agencies, what are the challenges that you have with editing authoring pages what can we do better? They took that feedback and the result came and -- I think the first page has dropped about 12 months ago. So, it was about a 12-month, 18-month journey to collect the information and put it back into the product so that's our ops tempo that we're trying to deliver things very quickly when they're recognized so are you ready?

SPEAKER: So I'm going to go in here and start a page because I want to try to actually get through the -- let me start there. Caps scan, scan off. Video connect my audio button speaker button.

SPEAKER: Oh sorry. Okay I'm going to just bring that page back up because it went on to the other to reconnect. Okay. Okay let's get out of -- oh wait. Okay I'm going to get off -- Interruption. Okay so I just used the region landmark to jump to this. I'm going to hit scan off again. So, I'm going to hit enter so I can start entering the page title. Enter. Enter. Press enter to change the page title and page title entering. Let's call this planning for CY 18. So now that I have a title, I'm going to head out -- escape out of the title landmark. Press enter to change the -- so it says add a new section. So, I'm going to hit enter there and it's going to bring up your web part toolbox. Type here to search for a web part. Editing search. So, you can either choose to search if you know which part you want to add, or you can use tabs to navigate and figure out if you don't know what you want to use. So, it told you that it's 1 of 6 in level 1 so it told me that there are 6 featured web parts and that I can -- so I'm going to hit enter. Okay. So, it tells me how to interact with the tool bar up top which is your biggest friend. So, I'm going to go up to the tool bar and show you. So, you can use headings. You can use -- I have a text that I'm going to paste in here. You can do that as well. Rich text editor. Text web part. Press center to navigate inside the web part.

SPEAKER: So I want to show you that it respected the formatting that I had put into my content, where the under line and all of that stuff reflected in this. I'm going to push out of the text web part. And I have something -- here I'm going to show you something interesting. As you all know, the group calendar is not accessing in 2016 and 2013. I'm going to show you integration of the group calendar on exchange and I'm going to show you how that is accessible right here so let me add that. Search for that. Okay so it does mean -- it added the thing. I'm going to go in -- so team meetings are great I'm going to leave that. I'm going to move and show you what -- Okay. So, it helps me to direct. I have an outgoing tab item. I can refresh or sink the calendar. So, it tells me that the calendar has an event and it just read out the event. There was a question.

SPEAKER: So I have 2 questions. The first 1 was about the editing authoring. You know I've looked at your examples you're giving in your demonstration. It's my understanding though that to do that, the agency would have to give permissions to everyone based on the kind of Adobes they could do this. Interruption. So, would individuals need to have a certain kind of permission to be able to do this?

SPEAKER: So in the team site, if you are part of the group that belongs to a team site we come up with the -- so everybody within the team site should be able to add a page or whatever. And that's the whole organization portion of it. And you deal with it with that level or the site level and you can still do that but when you create an insight by default most people it is equal --

SPEAKER: And if the permissions were lamented would that impact the accessibility features.

SPEAKER: You just wouldn't be able to edit. You would be able to read and consume and it will be just fine but you just won't be able to edit.

SPEAKER: And my other question is with regard to the calendar it's my understanding that because the Microsoft suite is related that the calendar function will be pulled from Skype for example not just a personal calendar but a team calendar that would look at who's in the office who isn't who's in the meeting. Would that be a way that we would use this?

SPEAKER: So it is an exchange you have calendars as you said which is also integrated into Skype, so you will be able to see this in your e-mail. You will also be able to pull this in an accessible fashion and you will be able to pull this into -- across.

SPEAKER: And with the calendar then because we would have it mobile as well as the desktop, would for example someone who's at a meeting has their phone have some sort of notification if the calendar change.

SPEAKER: If you have outlook it would totally reflect that. So, it would do that in any normal way that apple does it so this integration -- also you’re on the page you won't be able to see it. But that is something that we are considering for our notifications and everything. We're just on share point and undated definitely 1 of the -- and.

SPEAKER: For the 7 I think you said you consulted with 7 different agencies for information about how they use share point earlier didn't you say -- okay so did they discuss how their employees lived out of the outlook box and do you envision share point replacing that as kind of your first place to go for information? Thank you. Sorry for so many questions.

SPEAKER: So 1 of the things that you have to realize is that a lot of the stuff is involving road map. So, what you have is calendaring events and that stands right now between exchange, which is where this came from, share point, where it goes to and then Skype. The future that is -- if you're in the government community cloud you should be getting it soon. It's something called teams. Teams is an integration trying to bring all that stuff together so you're not bouncing around. I mean you're going to all these different locations. The idea is it creates people and now it's kind of a unified challenge and has persistent chat, and you can launch a meeting and expose it and all that sort of scenario so what we're showing you is what's today and what you should see in the near future is that unified team's experience but to your specific question is, you know, can you see people's screen? Yes, but I would do it in Skype or business it's also in a contact card and the way in which we designed the software especially in outlook is for people to stay in outlook so 1 of the demonstration that is we won't do here today is I show how to use day-to-day collaboration without ever leaving the desktop. I say in word or stay in outlook and work the entire time there. I never go to a Web site which is very helpful because Web sites can be less optimal than fit client experiencing. So, some people do that that way and we do enable that in many scenarios okay? Back to you.

SPEAKER: Actually, can we just close out? I want to get through these sections really quick because we've coming up on lunch and then I promise I will take the questions. I was going to show you images, but I'll just be doing it in another slide. I'm going to exhibit out of this authoring experience at this point. I want -- the last thing I wanted to show you really quick was the key board short cut. The keyboard short cut to publish so that you don't actually have to go back up to this so just use all 3 and it publishes and you're good and it also allows you to push your own pages. That is accessible as well. So this is what we're working on at the moment. I'm going to go back to my presentation really quick here. And as I mentioned, when you will use a page is just a matter of what your focus is, but the authoring experience is identical both of them. Okay. So really quick, I'm going to kind of jump through the rest of these slides here quite quickly. How and when should you extend share point? So you just saw that you have a bunch of records and you can continue to extend share point now when you do that we ask that the best way to do it and do it is to use the share point so definitely use that. Al -- we offer you a lot of common controls and stuff that you can modify in the office UI fabric react which is something that's available for everybody. You should be able to use that, to -- when you do that, you will be able to leverage many of our out of the box accessibility features. And then of course read our guidance and customization on workbench. That will help you figure out where your accessibilities are. So what is next for us I really want to speak to this fairly quickly about our investments because I'm very excited about it. I mean weapon spoke to it -- we also have a page authoring checker that is coming in within the next few months it will start with editing and contrast tracking and then we will expand on that. And then weapon made an enhancement that okay when you have an image there is a caption fee that you go add a caption to its and we'll automatically give you a caption. So we did that enhancement now we are working on generating automatic alternatives for images this is going to be very similar to your power point or other office 365 properties. And it will generate it with very high contents and help you clarify it and finally we have full support for windows high contrast coming that means that we will respect whatever settings that you have I hope this allows you and gives you a glimpse on what the new share point is. Just be aware though if you find out we are -- we something almost every week. Whether they are functionality, or they are accessibility on a weekly basis, so we can do things really fast on officer 365 \* and I also hope you got some insight on this. You do have a resources page and it is now part of an X D tool kit -- so I'm going to hand off to Hani.

SPEAKER: So before we do that, I want to take a quick poll. How many people want to break for lunch in about 5 minutes? We're right about noon or we can take the next 30 \* minutes to talk about share point. So the lunches are here. So raise your hand if you want 30 minutes of share point migration as well. How many people want lunch?

SPEAKER: Do you want me, or do you want lunch? So what we're going to do is quickly jump to the Microsoft resources section. We'll reduce that from 15 to 20 minutes down to 5 because I've seen some hungry eyes out there. And make up some time now. If not, we will switch machines. Which is always very risky. Oh wait. Okay so quick poll because we like impromptu polls. How many people during lunch would like to stay and have questions about share point? Okay how many people have questions around accessibility authoring? Okay good to know. Okay. Okay so for folks on the phone that joined later my name for folks in the room that have been here since 8 \* you'll probably here this 1 more time. I want to talk to you about where you can get answers after today and what resources are out there to help you because it's not enough for us to just share all this information and then let you use your powers of search on the internet to find answers we want you to be answers your powers within the app itself. So on the screen we have the image of the Microsoft accessibility site. If you go to Microsoft dot com slash accessibility, this should be your starting point. I mentioned this earlier as well. You can get all the information on windows, office, conformance reports. I'm guessing this audience is kind of interested in those. Public policy as well as AT support and news. If you click on office for example you will get to the office training center. This has information like videos, how to, the latest tips and processes. At the bottom of the slide there's 3 additional resources that I want to call out. I'm going to start from right to left. The first 1 is messaging on social media. If you are on twitter, I would recommend that you follow MSFT enable. This is the twitter handle that we share all of our accessibility stuff. All of our new releases, news, stuff that we believe the audience like this 1, would care about. There's not a lot of traffic. But if you want to stay on top of all the latest stuff follow MSTF enable. The second is how to give us feedback. AK dot MS/accessibility feedback -- this feedback doesn't go into a black box like 1 of those common boxes that sit in the corner and dust. Our PM regularly reviews all this feedback. We have machine line that will actually pull all this feedback together and aggravate it into culvert. And then the third item is the disability answer -- how many people have heard of the disability answer? There's like 10. I'm going to flip to the disability answer desk slide. So there's the disability answer desk and the enterprise disability -- disability answer desk is for consumers. You can call chat or video phone with people who have AT users, so they know exactly what you're going through. It's free. This is free. The next 1 is free as well. Not to give that away. So let me jump into the enterprise answer desk. Both of those resources if you didn't see it on the slide are available on Microsoft dot com/accessibility. Share this information Tweet it. Make a T-shirt. We want people to know about it. The short e-mail is E dad at Microsoft dot com. The answer desk is e-mail there's support Monday through Friday 8:00 a.m. to 5:00 p.m. Pacific time. E-mail us. If something happened it should be up there. Second if you want to report an issue, e-mail them. They will route that through our who will regrow it and if it's office they'll let us know and then so reassure that it doesn't end up in somebody's big e-mail box some place. It generally -- I would say it gets to me within about a day. And then I'll work really hard with you to get down to the route of the problem. A few reasons to go into E dad if you have any issues with Microsoft support. For office alone we've spent over 15,000 hours building documentation to help people use AT with their product and our products in general. We're innovate going to stop there so if something is missing we want to know because you're probably not the only person trying to figure out how do I do this 1 thing. Share it with us and then we can help everybody else as well.

SPEAKER: So I think that point needs to be understood that this is not generic help. This is help specifically for different types of disabilities so how do you with a screen reader do outlook voting if you didn't know how to do it. There's videos on that so this is not just training. This is targeting the assisted technologies that people use.

SPEAKER: Very good point thank you. Also on that documentation at the bottom of all of our documentation there is a button or indication to give us feedback. You can give us feedback did it not work? Is it not clear enough? Our documentation team reviews that almost daily because they want to create the best documentation for people and continue to give us feedback. The next couple slides have facts around E dad in the interest of lunch I'm going to highlight that E dad has answered over 2,000 customer inquiries and many folks DHS and GOV have been using E dad. And if you do happen to forget it between now and when you get back to your desk go to Microsoft slash accessibility and all 101 of the resources are there.

SPEAKER: What they did is they collected their user feedback and basically said here are all the issues that they're finding and that allowed us basically a target of these are the things that we need to work on. So this is how each of these kinds of work they aggregate them so not only can we get a holistic view of what the agency is wrestling with, but we can help prioritize with you because if you just want off them there's no implicit prioritization but if you do an entire improvement and help us kind of prioritize them that helps us get a plan going with your agency. Spook speak and I'm going to speak upon batch of everybody right here. We all want your feedback so you're more than welcome to e-mail us individually. It's for tracking. We want to know what products versions and what the issues people are reporting but do continue to send us feedback as well. Any questions before we break for lunch? My guess is that the answer is no. 1 question.

SPEAKER: I'll be happy to e-mail you and what are all your e-mail addresses?

SPEAKER: We will e-mail all the e-mail addresses out. You can start with me Anita S as in Sam E as in elephant echo, echo is probably a lot better than elephant and that will get to us as well. Last question before lunch?

SPEAKER: The PDF to all of the slides?

SPEAKER: Would we be provided a PDF of all of the slides, so we can go over? Because there's a lot of information.

SPEAKER: There's a lot of information and my guess is not everyone has a perfect memory to remember every single slide, so the answer is yes, they will be posted on section 508 dot gov but hopefully by the end of the week -- we were having issues with e-mailing. So we will get all the information that you can you know, nighttime reading or something. Okay. Let's break for lunch and try to be back here we're going to start at 105. What does it mean to (inaudible) this value so that we can bring it closer to you but bring you as well as -- so for the rest of my talk I'm going to describe to you some of the investments that we have been making to deliver this to your environment but also share with you a road map that you can take to your business that can help you take the most advantage of these features. So the journey to get this innovation comes in 3 phases okay I call them the -- the first 1 is a cure of the environment get on 2016 and the latest phase. The second phase is to extend your environment to the cloud by enabling -- and third -- there's a slide -- the third is actually migrating -- so let me join in each 1 of them and show you the investments that can help you kind of move forward and make the most of these cloud features. So let's start with 2016. When we talk about 2016 we talk about it as our first cloud -- what does this actually means? So prior to SharePoint 2016 \* we used to spend the first 2 years inventing brand new features and then spending the rest of the time evaluating those features before releasing them to you and to our customers so by the time we get to that we're already working on features that are being developed 3 years ago and with a technology that's 3 years old right. So in 2016 we decided to change our strategy into something called a converged code base. We're going to take the code that's already in the cloud and we're going to package it and ship it to our customers carrying a lot of the goodness and a lot of the features and capabilities within the cloud. This enabled us to integrate much faster in our project cadence but also enabled us to deliver a lot of the capabilities and a lot of the enhancements and package those to customers. But we didn't want to just start there. We wanted to bring more cloud features to our customers. So we started this concept called feature pass and feature packs are basically -- and March 2016 and from there we have this monthly update of cadence that delivers, fixes and security fixings and so forth. And then we took 1 of those public updates and delivered cloud features kind of combined set of features and delivered those and we shipped 2 feature packs. The first 1 was in 2016 and the second was in 2017 and those public updates are communicative so if you installed the latest update you're going -- and plus our way to deliver organization at a faster cadence more than the traditional 2 or 3 years all right. So talking a little bit about feature pack 1 that we released last year. We delivered IT value and IW value. For information worker we deliver the 1 driver user experience that was running in the cloud. And this 1 -- it was much better experience. Also much more accessible. We're making a lot of investments in the cloud and from an IT value, we actually use feature pack 1 to listen to our customers and listen to you and deliver features that you have asked for and were top of the user groups and for example mineral enhancements that's something that we released in SharePoint 2016 and we got the great feedback that it was developed for -- inaudible.

SPEAKER: Okay. Sounds good. And moving right along. So again mineral was something -- it was mostly -- and then the feedback was great, and the customers asked us to deliver the same capability and that's something we're going to deliver in feature pack 1 the second 1 is the administrative action logging that has been the talk of our customers for like the past 3 or 4 years. And we're going to deliver those features to you.

SPEAKER: You have to speak up.

SPEAKER: All right moving on after feature pack 1 -- we got to wait.

SPEAKER: Okay you're good.

SPEAKER: Feature pack 2 was more of a developer centric and again we follow the same thing where we took something from the cloud. And/or -- man the slides are messing me up -- but for the feature pack 2 which basically allows the developer to build can you say custom web parts the same way we're -- by using the same tools and technology. But web parts that can be used for both on share point and the cloud. And actually, as you think about your migration strategy, you built web parts and you build these capabilities are future proof they are ready to migrate you don't need to write your application or anything like that they just migrate right? And now we are in the fit of the -- that's our next major release and it's planned to release the second half of next year and we're going to use the same strategy to bring more updated content from the cloud and give it to our customers and again the value for that is we want to make sure we can bring the value to the -- so it can get you to capabilities that in office 365. So the first phase was kind of the -- or the latest version that has the most accessible capabilities and most to the cloud. Then we move to the second cloud. And hybrid is all about a co-existence between your on-print environment and it's a great business value because it allows you to bring the cloud innovation to your on-premise environment now you can use them in the cloud and being hybrid corporation is a great first step into an overall step into the cloud. You can take specific services that you are ready to use from the cloud while you're keeping the rest of your content, your services on presents and start planning on moving those a long way but you're starting a fresh content in the cloud. So next why hybrid? Why hybrid is important. And we have done a lot of investments. We're able to configure hybrid and enable those features without end user impact. There shouldn't be any disruption to your service.

SPEAKER: Same while you're getting that back up there may be an interesting thing to understand, this is great information. Now we know that you're not going to absorb all of this but when you're trying to help your IT understand to lay out a plan to get to a more accessible platform these are the kinds of situations they're going to go I don't know how to do this and if you have a baseline knowledge of how to progress will help a lot. There's an agency that actually did this sort of approach of going from on premise to hybrid and full into the cloud because they were able to make that value proposition and they were able to go to IT and say, we want this end state, and this is the road map. And so they basically came with a recommendation so that's where the background of this comes from.

SPEAKER: Yeah, so hybrid, a lot of our customers, more than 50 percent of our customers enabled 1 or more of these hybrid features so they're able to use it from the cloud and we make a lot of investments from hybrid. So we have a lot of features and we continue to develop new features. Just started from the top coming from a discovery perspective, we launched in feature pack 1. And then we have a different set of hybrid apps like 1 for business office 365 video and a lot of these are individual services that you can configure 1 or more of these. And once you consume them from the cloud then you got all the goodness that the team is doing. Whenever we have new updates you get those right away. And then we have data management hybrid features like hybrid search where you can have an index for both your on-premise content and you can search and get both of these search results. So a lot of these features enable the IT admins to actually get the environments kind of seem loosely hooked together but actually enables you as workers to make the most out of the clouds.

SPEAKER: Let me break this down into a story. So how would this be useful in a normal scenario? How many of you have video inside your organizations? So how many people actually have a hundred percent -- sorry Jeff -- how many people actually have a hundred percent of those videos closed captioned? Okay. Go you. Okay so let's say that you wanted to get those closed captioned. If you loaded those videos into share point with stream and other capabilities that we have in cloud, we can create an auto transcript okay so now you have videos in the cloud only for that capability of doing a transcript and now you can search over the cloud videos and on your on-premise files. That's how hybrid and how you can look at if you don't have something that's on premise and you want that added capability you can come back to that scenario.

SPEAKER: Cool. Oh I'm sorry.

SPEAKER: 1 question. Is this capability only available in Microsoft clouds or is it available in AWS as well?

SPEAKER: Those are share point features that enable for an on-premise customer.

SPEAKER: Good question. All right so just to recap. We talked about 2 phases of how you can get more of these cloud features. The first 1 is the on-premise of 2016 which enabled those cloud capabilities now the second 1 is hybrid where you have a set of features that none of you can complete and consume out of the cloud while taking your on-premise environment. So you have more exposure to the cloud. Now the third phase which is the 1 phase is completely embracing the cloud migrating your entire content. Migration is not for the fan of hearts. It's very complex right especially for share point it is not simple.

SPEAKER: And we just had another question from the audience. Have you tested accessibility features when the customer has to exactly with the department of defense policies for information insurance?

SPEAKER: That is a great question. So information insurance when you're looking at GOV I believe insurance. In the cloud -- and for those of you out in DOD and I'll go real fast -- in the cloud there's something called SOG. Levels 4 and 5. Microsoft 365 so you can go out to trust dot office dot com. In fact there's a paper that out lies everything. We actually have DOD customers that are in the cloud with all those control sets okay.

SPEAKER: I believe a lot of the SBO environments like GCC, they all have kind of gone to those compliance. So yes, the cloud is ready for you. All right. So talking about migration, again, this is an area that either 1 of the investments in order to try to start migration plans and actually start doing migration to the cloud and first we know that a good migration has to start with a good assessment with the environment. Just understand what do you have -- what do you need to leave behind because we have a lot of state data that we do not need to take forward with us and not everything can move face value. You need to understand what needs to be fixed. And finally with this assessment, we're able to have a solid migration plan that you can execute on. So because assessment is super important, we actually invested and released tools that are available for free to download from our download site and those are she Ron 13 \* they have a set of scans and it scans your entire share point and it tells you which sites are ready to migrate and kind of help you to come up with that migration plan all right. And again those are available for you right now and we understand that different complexities of environment might have different tools and we have again a big ego system of partners and have different tools for different types of as well. Question?

SPEAKER: I'm thankful to hear that you have these migration tools but from the perspective of accessibility, what type of guidance is provided in terms of what fixes are needed to maximize in 2010 and 2013 will be able to take advantage of the new features.

SPEAKER: That's great because he mentioned a similar question as well. This is -- I think this is a great feedback and something that we need to bring forward. Accessibility tools talk about a parody -- functional parody between what you have -- this is another area that we need to you know think about and invest more in in order to help you but from an accessibility standpoint. The other thing we should ask ourselves is coming from 2010, if you take a look at the features that you mentioned, the cloud is very different. Brings in completely different side structure. In order to get the most out of it. -- actually, embracing -- try to fit the content that you have into that new web point and new sites in order to make the best out of it. In the cloud today you can have a classic team site and a modern site the modern team site, that's where they're making improvements so that's going to be part of your migration plan as well.

SPEAKER: I actually want to interrupt you and add a quick line to it so when you move your classic line over to the cloud 1 of the things that you can do, and this is coming very shortly. There's 1 version at least that's coming at the end of this quarter and then the next version is coming next quarter. This is -- and of course this is confidential folks, so keep that in mind. And so this is -- you can take your classic site on the cloud and you can add a model home page to it and then after that you can add pages to it that are modern. And then you can start taking advantage of it and then slowly kind of move -- so you don't have to move everything all at understand once, so you can phase that out as well and we're trying to help people give content in a better fashion.

SPEAKER: And Robert let me ask you 1 thinking. Would it help to have some guidance in this space? Because I think what I see -- and I'm sorry as you can tell I love stories -- as you roll back the clock, these things, half of them if not 80 or 90 percent of them have disappeared. And the reason why they have is because we built them into the product. So the migration, the hording of all that sort of custom code generally goes away so we see there's multiple different aspects that we have to look at we have to look at modernizing the sites. So do you have a follow-up question? I'll bring the microphone to you.

SPEAKER: Thanks Steve. The point I'm speaking from is, having the ability to create a very accessible share point site with modern features by cloud is a great opportunity looking forward but if you think of a Christmas Carol and the characters dragging that ball and chain around with them, that ball and chain for us is a ginormous inventory of share point sites that multiply like bunny rabbits and the concept -- the idea to achieve full accessibility is that you have to build all those sites. So that may be there from support needs but if we're going to have productive discussions to focus on investing in some degree of accessibility work, we have to scope it. We have to price it and we have to describe it exactly what they should expect are going to have to invest in and the more we can do to minimize those costs to have a migration path where some of it is taken care of the easier it will be for us to take advantage of the investments of accessibility.

SPEAKER: That's fantastic feedback.

SPEAKER: Actually, to add to that, just I completely hear you. I think this is 1 of the things that we have in -- for us. So as I said like we want to try and move you in the same way that we move hybrid your classic size -- currently they should automatically if you're on the cloud, if you went to your document list there's a lot of stuff that you actually have to explicitly keep in classic. You automatically classic site or a modern site and then for pages and site tablets themselves, any new pages you create will be modelled automatically and again we are also trying to come up with ways to keep your existing content and try to do a much slower move. But also continue to leverage more and so all new classic sites so that's sort of the tactic we're taking. I would love to hear if that's working for you or not.

SPEAKER: Let's talk about this.

SPEAKER: So I have a really boring question because you know I recognize this share point kind of multiplied like Robert said because it was a little bit out of the -- it was definitely filling a need. But it was kind of slipped out of governs really too. We never moved away from network shares, so you know, do you have a -- you know, we have all the reasons that people want to share point. We have all those problems currently. You know, it's a huge problem for us. So what -- do you still have stuff for people who are migrating for the first time?

SPEAKER: Yes. And I would ask you to hold that question for 2 more slides and allow me to answer that question for you.

SPEAKER: Okay.

SPEAKER: Anything else before we move on? So when we have a good assessment then understand what you have in your environment. Then you get -- we all need to carry that back. What can be migrated and we're going to talk about that and what needs to be rebuilt? If I just take any existing site as is, I might not get the full capability. So to get back to the migration, I defined -- yep.

SPEAKER: Thanks. My other hat is records manager and leave behind terrifies me. I just want everyone to know that you have to make sure --

SPEAKER: There's record management and there's different types of walk ins. There's a lot of topics that -- actually a couple weeks ago I was on a conference call with a software company, a huge software company and they went through 50 and we kind of gave them guidance. They were able to -- they did a quick assessment and they were able to get rid of 24 percent of that content. And pay storage and time and so forth. So it's something definitely that you want to look at. It's absolutely in the process. For legal reasons and compliance reasons we need to take a look at this.

SPEAKER: A lot of -- we did some analysis on the records piece alone and the cost of storage and the record management pieces are generally really high, and the costs of porting generally is cheaper and keeping. So when you look at -- records management has gone through a revolution. Now it's kind of commodity. It's built into office 365. We have E discovery. We even have something called advanced E discovery. And it goes and finds all the information without you having to have a lawyer look at it. And so we're actually seeing agencies port their stuff over and still maintain their requirements and reduce their costs as well.

SPEAKER: Okay I'm going to speed --

SPEAKER: Is that for me or for you? All right. So how do you get to migrate and so answer the gentleman’s question. We actually try to make it easier for you as well. We built share point migration tool. The tool offers kind of a simple and fast way to migrate content from share -- we understand that most of the content actually are out there in the world more than 80 percent of them -- so we want to make sure that we can have our customers migrate those and in tool actually is available for all 365 customers. So this is where I want to do a quick demo of the 2. And I'll try to be extremely fast. Every time we launch the tool itself updates to make sure you have the latest fixes. By the way, once you -- come on. All right. Once you start with the tool, it's kind of a very easy -- gives a sense of easy to use, you select your source and best information. The first thing that I would do is ask me to sign in to my office 365. I'm going to put my user ID. And my password. Oh, come on. All right. Once I sign in, it's going to ask me to define which source I want to migrate from. And so it's thinking. I can migrate from share point on premise or I can migrate on file share and as an IT admin, we can do everybody in your organization by putting that in a file and feeding that to a tool, so you can do a bulk migration. You can migrate my documents from SharePoint 2013 to my office team sites that I've created. So I'm going to select a share point to ask me for my share point folder. So you can come here, put my server to the right. Next, it's going to ask me to sign in. And I'm going to put my share point on premise credentials, and my password. There we go. And once I get that signed in, now I have access from the home premise. Come on. All right without the password I can't get you in. So anyway what I wanted to show you is you'll find your source and destination and perhaps you decide which 1 you want to migrate into your source. You want to have the documents migrate too and then there's difference features that you can have. You can have documents that have been downloaded in the past 2 years, things like that and once you do that, there’s a very simple point that you see that can help you. So if I get that working then I'll share that with you later on. So just to continue with that is, again, as I mentioned, we're going to have it generally available early next year and we're going to continue making investments to migrate a list content as well as full site migration so we're going to continue support on 2010 and 2016 as well.

SPEAKER: And I want to medication that. There's a little bit of difference also in size if you have over 150 users you can use something called fast track.

SPEAKER: Yeah, so in order to learn more about the tool and actually download it and start using it. It's MS -- MS SPMT. SharePoint migration tool. That's what it stands for. We have a great partner eco-system that we work with and infrastructure that we support and those are some of the tools that also you should look into based on those requirements for your migration planning. There are migration services out there and that's what we want to -- Microsoft's service is a benefit. And there's more -- there's other services, but those are paid services that are more experts in more complex and those are the folks like the Microsoft consulting services or other third-party vendors that can help you with projects. So to recap, the first 1 was SharePoint 2016 and feature packs. The second pays which is the walk is to connect through the hybrid scenarios and then the third is to fully embrace the cloud through migration and with that I'm going to invite you guys for any questions.

SPEAKER: I wanted to clarify the fast track service is available. So there's like different approaches if you can take.

SPEAKER: All right thank you.

SPEAKER: Do you have any questions for us?

SPEAKER: Thank you. This is just a generic question and it pertains to redundancy in the cloud. In other words you mentioned you have security but how do I know that what I need when I need it is actually going to be available to me in the cloud and how exactly briefly is that done?

SPEAKER: Yeah, that's a great question. So 1 thing that we you know, is the availability of the service. Our contract is 99.9 percent available, which is you know, only down inaudible that's something that we minimize as well but even with that there's full redundancy. So even with that as part of the service. Your content is in multiple places. You can easily go over that environment and that that happens within minutes. As I mentioned, everything is backed up so the.

SPEAKER: Yeah so, the short answer that we use sometimes with customers is because in the IT group we say what's active is active so you're running 2 different sources active. For going and finding a backup data or something like that it just switches over so that's how the service is redundant and service redundant okay and I think before we switch, do we have any other questions? And before we start with our next session I think we have a surprise announcement here.

SPEAKER: I want to take a moment to thank Helen. This is our last meeting that she's going to host, and you've been doing it for how many years? More than she cares to remember but we just wanted to say thank you Helen. I'd give you have a hug but it's not a workplace thing these days but it's going to be hard fill her shoes, we are doing a happy hour for Helen across the street at the exchange they're expecting us at 5 I told them we would come a little bit early. She's not leaving for a couple weeks yet, but this is her last event and we're going to miss her. Joyce is in the room. Sheila is here. And a few other people. That's all that's here for the moment and as always, thanks for the AOCP and the members that are currently on their phones texting right now. Robert. And certainly Tim and Bruce and others have all worked with Helen for all these years so yeah come on over for happy hour thanks.

SPEAKER: We've made it through the morning. We're in our home stretch now. So I appreciate your attention as we wrap up the day. My name is Jiaxin Zheng and I work on windows. I represent the work of a lot of different people. I represent the work of engineers, of program managers, and my role is to really go and talk to customers and understand what their needs are and where the gaps are and where we can do better so I'm going to share kind of an overview of how windows and our team think about our accessibility how we incorporate it into our product and I know from last year which I was not able to attend there was some questions so I'm going to address those. I'm going to go ahead and jump into those. So for windows 10 accessibility there's a plethora of different things available to address vision hearing, cognitive differences and while at the end of the day it's all about providing system options as possible so that you can do what you want to do. And technology is really just a means to get there. Technology, if it's working great, should feel invisible. I know today we haven't had the best luck with that, but in an ideal world technology doesn't get into your way. So as windows there's a core belief as we're building our products and ultimately, it's about the best experience for you so whether you have a learning disability, or you have a visual preference windows accessibility is not for people with disabilities it's for everyone to have the best experience so that's kind of how we think about accessibility and that's something we definitely strive for in all of our products. How many people just for a survey of the group, how many people. Organizations are still running windows 7? So we've got a few hands and the rest of you are on windows 8 \* or 10. I'm very happy to see that the majority of you are on windows 10 and I'm hoping that many of you that are on windows 7 take some action after today. Specifically as narrator, for narrator it's about making your device easier to use without a screen. It's about you know if you aren't able to pick up visual cues how is Microsoft making windows easier to use and we have been making investments in narrator in your screen reading to address some of the performance and equal issues that we've gotten a lot of feedback before and I want to specifically call out a couple of things. So in my demonstration leader I'm going to show you that we've increased the speed of our voices so there's faster more responsive voices. We've also added intelligent image descriptions so if the author did not add text shame on him or her we still have an option with low or no vision to get context on that picture. We've also made improvements in scan mode where you use your up and down arrows to navigate and it's a simplified navigation model so that you can minimize all the keyboard shortcuts that you have to minimize and we've also integrated narrator together but then also have narrator read what's out loud to them. And then we also have a few things that I'll get into in the demo, but I just wanted to say we're continuing to make investments in our reader. We understand. We're building our platform so that it's still compatible with those things but at the same time if those are not options to you and D -- we're trying to improve that experience as well. I want to briefly touch on the -- specifically that windows 10 narrator does display braille for over 25 manufacturers. And that can be used in contracted or uncontracted braille. Specifically within the most fall creators update we also added -- like control S or ALT tab via command on a rail keyboard and if you want additional information I've provided -- there's also a list to how you get started with braille support in narrator. Additionally, even displays without a keyboard, there's some coordinator commands still available to you. I'm just going to list these off very quickly. We've got secondary -- reading from the screen). Those last few features, braille home end next, there is selected navigation mode that accompanies that. So this set line heading or link finding these commands. So because I know that that was specifically requested, I wanted to touch on those, but to kind of set the context on a broader and more general level I wanted to share stories that highlight the for-hearing mobility and these stories and case studies also highlight how the principles that guide the windows team so as I mentioned before it's about customization and personalization. And yeah, so I'm going to use these stories to set the context for how we think about accessibility but then also to provide a little bit more context on the demos that I'll do right after. So for vision. The feature I want to call it here is color. Filters. Approximately 8 percent of the male population this affects. This is built right into the window's platform so we're striving towards making accessibility something that's built in as much as possible. And this is a feature that's quite powerful if you know -- if you are affected by color blindness and colors are difficult to distinguish on your computer. On the far left here is a picture without color. Filters and then the next 3 pictures are 3 of our color. Filter filters so there's the first 2 are for red green color blindness and the far right is blue sensitivity. There's a spectrum of human visual ability and instead of shying away from that we're trying to and make it right into windows. For hearing, I want to I guess call out closed captions in a busy cafe I had to learn about how disabilities and how design for disabilities affected people without disabilities and closed -- inclusive design isn't exactly that when you design a specific set of criteria you improve the product for everyone and closed captions not just in windows is a perfect example of that and I know that I often travel to work to a room full of wonderful people like I have here today and I might only be able to work in a busy conference center or in a crowded cafe and in this situation I may be situationally disabled where the room is so noisy that I can't hear the video that's playing on my computer even if I have headphones in so this just goes to show that you know the windows team, we are trying to challenge the status quo you know it's not assistive technology. It's technology for everyone and while we definitely want to kind of bridge the gap between you know, bridge the gap over not accommodates for diversities, we also want to challenge people without disabilities about hey this isn't just an afterthought this isn't something to check the box it can actually lead to a better product for everyone. The third story I want to highlight is the story -- I control of windows? So a couple of you have and I will demonstrate it for you if you have not seen it before but what I want to show case here is that people and their lives are what drive our work. So with I control, there's a real person behind the story. Steve Gleason was a former football player diagnosed with ALS in 2007 and over the course of a couple of years but from someone who's a retire profession athlete to someone who can't speak, and he came to windows, so he could better communicate with his family and what happened to that in I controlled wheelchair he was then able to independently control and also chase his son around the kitchen. So there's real life situations driving our technology not just a desire to create random cool things. It's about the people that use them. And then last but not least I wanted to share on our tools to address cognitive differences before Anita demonstrated learning tools so remember that she had the Tacoma bridge and then there was ways to increase spacing there was ways to increase contrast and font size. Well that's something that is built on scientific research. We know this from a teacher Laura Pitman from Georgia Tech and she is with many students who have dyslexia and it can be a big part of their ego to be able to read. They can have very low self-esteem. Because the content is inaccessible they feel like they're not as smart as the other kids and we're able to make those words jump off the page and we know these tools work because not only is it built on scientific research but we're seeing resulting with these tools in classrooms. Lauren pit man had 1 student who was reading at 8 words per minute and the goal was 30 words per minute and this shows that the student was eventually able to achieve 32 words a minute. So with that I'm going to actually jump into these department mopes and show you what I'm about.

SPEAKER: So we had a question on line. The question was, can you support different languages with accessibility such as --

SPEAKER: Yes narrator is supported with different languages so narrator -- yes narrator is supported with different languages but other features where there's any sort of reading out loud for example learning tools like I'm going to show you in edge, you can also down load language packs for that, so we are in a global society and we recognize that and we're -- we've got more than just English with a narrator. So I'm going to go ahead and jump into some -- and all you need is Windows 10 with most recent update and a compatible tracker. I don't want to attempt to lift it up. But there is an I tracker right in front of me and this retail is for $150 so we are launching this because we want to lower it for this type of technology. All you need is a windows device and then this tracker and then you have I control and windows add at disposal. It's not that complicated. All you do is down load the Tony I tracker collaboration software. I'm going to show you what that looks like. So it's at the bottom of my screen and then I'm going to go ahead and improve calibration care, so I already set my profile up, but this process is identical to what I would look like if I was doing this for my very first time and what we're about to enter is the because I'm going to use my eyes to control the pick which you are. And now it's going to start calibrating so I'm going to look at each dot until it explodes and I'm doing this for 2 more where the eye tracking is starting to familiarize itself with how my eyes mover around. So a few more dots they explode it's kind of therapeutic actually and calibration successful so after its calibrated eye tracker is working. So in order do that I go to settings and most of our accessibility settings go and then eye control be that many of you have not seen this because this only comes up if you have compatible but since I do I'm going to go ahead and turn that 1 and that turns -- that activates the launch pad. So I'm going to continue the rest of this department mope using only my eyes, no hands. Keep my hands up here to keep me honest. So this far left button what I do is look at it and see how it blinks I'm simply dwelling on what I want no blinking involved and as you get a collimated to the technology you can speed up or decrease time. So you might want to increase time if you're at a point -- so that's to move it up and down to get it out of my way. The next button is a keyboard. So this is just like a keyboard where as long as I've got a text box so in a word document I can use this keyboard to type into that. The next 1 is text to speech. So we've launched this in bet that because we want to them to explore all the different scenarios but 1 group of people that we've been working with is people living with ALS and it's a degenerative muscular disease where a lot of people lose their muscle and having a more effective way to communicate is something that Steve Gleason asked when he came to Microsoft. So this was kind of the result of this situation so I'm just going to use my eyes to type out a message. Where is the cough foe? And I can also program the top messages at the top so maybe like hello good buy and for someone who doesn't have the ability to speak, it gives them the ability to connect with their loved ones. So that's text to speech and then the last thing is a pretty important 1. So using the mouse here I engage that and then I stare at what I want to open up and what those arrows are around it is you want the little plus sign to exactly what you want to click on. You'll left click on -- you'll stair at the bottom left corner there to left click which will be just like a regular hardware mouse without clicking to engage on that. And I am just -- I stare at the bottom arrow and make that as precise as possible so I want to go ahead and open it and left click on that and I want to get to social media and connect with my friends to using the mouse I can go ahead and do that again and open up the Twitter tab adjust where I want to click and boom I'm on Twitter. So for someone who -- windows mobile accessibility features are all about -- and I controlled just 1 example of that. I know I only -- oh I have 13 minutes? Oh I thought I had like 3 minutes okay I'll continue at the place I was continuing at then. What I also want to show you color. Filters. I'm going to turn -- within ease of access. Now I'm going to go to color and high contrast. I'm going to how you what the color. Filters do to the entire platform. So this is something that works -- it's not just for 1 picture it's not for 1 classification. So I'm going to pull up an excel spreadsheet and this is a story that's near and dear to my heart because I have a friend who is color blind. He cannot really tell the difference between those 2 colors really as well so if the stock market is doing well or not so well he doesn't know. If I were him I would say just go into color contrast pick the 1 that's most important to me. And then I'm just going to go ahead and toggle that on and as you can see the red and green between a lot more easily to distinguish from each other. And it's with a click of a button on and off it goes. So that is color. Filters and that's a feature for someone with color blindness but what about with low or no vision? I wanted to show you -- so narrator if you're not familiar with it is our screen raider and it ray lows people with low or no vision to get cues in a different way through audio channels through something that essentially reads your screen to you. And want to show you first -- I want to press control again enter. And I'm going to go ahead and start -- Interruption. And I'm going to pump up that voice to a hundred percent and most of you have probably will not be able to understand it. But maybe some of you will. And -- Can anyone understand that? Probably not. And you're probably wondering why? Why are you playing me this gibberish and the point is we don't want the narrator to place anything on you. It's 800 words a minute. We don't want technology to get in the way or whatever it is that you want to do so perhaps you have no or low vision and your sense of hearing comprehension is super high, the narrator will be able to accommodate that and won't get in your way. I'm going to go ahead and toggle this down to 50 percent so you all can follow me. Speed decreased to 55 percent. Does that sound all right? Okay. So that's the decreased responsiveness to all of the voices but we've also I mentioned scan mode before and I also want to touch on these suggestions -- And so I trusted Microsoft store so this is just the top suggestion but there's other applications that I might be able to access and so if you see your computer screen it's straight forward. I see there's mail outlook and all these things that might be -- but if I'm someone that uses a screen read and I can't see these things in front of we've tried to bridge that gap a little bit by incorporating those audio cues and to make sure you get a little more context than you might have before, so I do actually want to open up mail. And I'm going to use scan mode to open up this message so once I've you know -- make sure scan code is on and how you do that is cat scan off. Okay so it's on. And once I found something that I wanted to click into I'm going to click the spacebar. So before, if I zoomed in right here. I'm zoomed into maybe a quarter of the message previously the narrator and under fie yore -- so if narrator continued raiding beyond this, magnifier would not continue to focus on whatever magnifier was reading. But I'd hear something potentially completely different. If I have them going on at the same time they will follow -- they will maintain focus on what narrator is trying to communicate to me. As you can see we've only got half of this message loaded. Will magnifier continue to follow? So hopefully you're able to see that how it continued to stay together and that's something that we've added to improve in narrator that unification between -- the next feature I want to show you is intelligent image description. So it says can't wait to see you next week and introduce you. So if I relied on a screen reader, I would say have no context on what that picture actually is also there's alternative text provided. Intelligent image description -- so I hear that there's a picture. I hear that that's a message act a new family member is this picture a human a picture of a baby what is it a picture of. I'm going to perhaps cap shift D to do that. Let me go ahead and close out of magnifier. Let me try that 1 more time. I'm sorry guys. I'm going to come back to that at the end because it's not cooperating with me. So those are some of the features with the narrator but the last thing I want to show you is the incorporation of tools into Microsoft edge. So learning tools is a previous set of resources to help kid’s dyslexia make content more accessible and we've heard back from many different people that they want those tools more incorporated to more experiences in windows. And general web browsing as well as PDF support so I'm going to show that to you in both. I'm going to go ahead and show you read aloud and look alike. This is what you engage to zoom in and zoom out but right now with the sound icon on ton of it is read aloud and I'm going to go ahead and push that. And this is a similar experience you can see that voice down if perhaps or I can see it. If I don't like (inaudible). If this is a Spanish or Chinese book I can (inaudible) to support that. So this is a future that we know people students love and use. As you can seep it's reading what it's highlighting so it's got that audio and visual cue and that comes together in a way for students whom this content may be inaccessible for. So I'm on my favorite Web site and all I'm going to have to do is right chick. So this is something that is at your disposal there. So that's it with my demos. I want to close with a few more informational tidbits. There's a lot of different options available if you wondering if I have the right version of windows to support these? All the features are the most current version and if you're wondering how to check that all you have to do is check and this so if you're wondering what you've got that's 1 way to check it and you're up to the mercy of what your organization decides but if you on a you can get free windows 10 upgrade. But if you want it right now it's Microsoft so that's it for me. My e-mail is here I'd like to hear your feedback, but I don't think we have time for questions.

SPEAKER: 1 question.

SPEAKER: She says this question might be out of the school of this session but in 1 session 1 that would any and register try and is there any way to make locker accessible for line user.

SPEAKER: That's a great question.

SPEAKER: The answer to that is there is. There is actually an override and you have my contact information provide it to her they released it 6 or 9 months ago and it gives the options for windows 10.

SPEAKER: So we have 2 presentations left we have will who's going to wow you and translator and I'm going to end the day so happening on for another hour it will be fun. And 1 other thing that we want to call out we do have a focus group tomorrow around accessibility authoring. If you are interested in a deep diver for that, we have a couple spots open it's tomorrow morning from 9 to 1130. Please let Peter know if you're coming. So with that I'm going to hand it over to will.

SPEAKER: This is a technology that allows those who are blind or have low vision to navigate through. And so we've tested this through a couple different cities and they're fitted with a microphone or head set and you can -- and it can tell them where they are and identify objects in the environment. And it's currently in -- so it's not something that's publicly available. And I'm not sure that they're looking for other users at this point but it's technology that's in the works. I have a URL on here if you're interested on this product. You should have this URL at the end. Another related technology is -- this is coming out of the related team. These teams actually work together, and this is an app that you can download now. So this is an app available for I phones its only iPhones currently. The -- and it's an app that runs on the phone. I can't show you the app on here. I'm going to walk through a couple of the features. And then you can listen to some of what it does. I'll see if I can do this right. I'm going to see if I can hold the microphone up to it and get it to work. Some of the things it does, short text. I can hold up documents on a page or maybe a sign. You can hold it up and it’ll tell you how many people are in there and if you push it will tell you the gender of the people, are they smiling, happy, these kinds of things. So like I'll give you some examples here. This is from the ap. So the first 1 is in the airport held up someone pushed the screen button and then it basically reading off what that scene is in this case. -- so it says probably a group people at an airplane port. The second picture is -- I think this is London. But a picture over a bridge over a body of water and the last picture is a picture of an individual. So let's try -- where's Josh Daniel? Maybe I'll choose you instead. So I'm going to pick someone out. So it's picking faces and it's seeing I'm going to pick you. Processing. 36-year old woman with brown hair.

SPEAKER: I'll say that this is -- this is a really good trick until you do it on your mother-in-law and it doesn't come back as accurate. It makes for a very awkward dinner conversation.

SPEAKER: She can be mad at me but I don't want you to be mad at me. Processing. 39-year old man with a mustache and he doesn't look happy. You get an idea. Go ahead.

SPEAKER: The name tag is there a way that you can program it and it can pick up the information?

SPEAKER: Yes. Will it read name tags? Let's just try. I'm in the short text mode. Anyone else? So yeah and you're a little too far away from me to read that but I can also -- something on the table. December 5, 2017. 9:00 a.m. to 330. Topic registration.

SPEAKER: Isn't that cool? Ins really annoying me. So this is seeing AI. Seeing AI dot com where you can get some more information on it and it's in the apple store, so you can go to the apple store and down load it right now if you wanted to try it out. Yes yeah.

SPEAKER: Can you pick like a Spanish document and it will translate it into English?

SPEAKER: Good question. You're thinking ahead here. So I work on the translator team. But actually, I don’t think we've integrated the full translation capability. So I'm going to skip forward since you asked some questions to some other slides I have on this. I just went to CAI. Just a second. Here we are. Okay there's some reviews and stuff here. I'm going to skip some just in the interest of time. How do I unbreak this? You're an expert at this.

SPEAKER: I've had some practice today.

SPEAKER: Yes. That's it. I'll come back to this picture in just a second. Let me go to the next 1. It's cannot do translation per se. Actually yeah so, it's doing translation. So the person's watching a foreign movie and the subtitles are in English, but they can't understand the language they're being spoken. Turn it on and it's reading the captions in English to and from the foreign movie so it's doing part of that. It's not doing the translation. What you're seeing here they're doing that more or less and reading that transcription. What they're not doing that is translating that into another language. That's just another step that they could do. So they could do that. This is a really interesting post. This gentleman posted this picture on Facebook. He's never done a selfie before. Here he's using the people finder and when he gets it and it says he knows he's got the picture in the frame and then takes the picture and posts it on Facebook, so this is his picture that he took using the ap. But anyway, that's kind of a quick view of this. There's the different features -- what happened? Oh were the transcriptions off?

SPEAKER: No, what it says. I encourage you to dry it out and we're still innovating then he but a project near and dear to my heart is -- so the project I've been working on for a very long time. I've been with the translator team for 10 years in fact. We started working on text translation and we've moved into speech translation so what you're seeing now is doing speech translation. There's some pictures up here of different uses. I'll talk about some of these uses as well. So translation -- Microsoft started in 1991 so we're actually at the for front of technology. And we produced at a product in 2007 speech recognition became kind of a focus of our team. At this time it was kind of a secret of our project. We first integrated into Skype, so you could have calls and now we actually have a translator live feature. So this is Skype translator here an example session, but it's now integrated across the population of different services. And this is an example it's all bit into API. This here is a translator app scenario so power point translator is 1 of a host of options within this eco-system. So here's some other examples. Extra light. In case you couldn't see me and the way this works is -- and what I did -- someone starts the session. So if you have 1 person that has it running on their phone let's say. I start the session and I then could start speaking into my phone and it transcribes what I'm saying into my phone. But because I started this session other people can join that session, so anyone can actually join this and be in this session. And if anyone speaks, then it generates a transcript for that person and then broadcasts into other languages and then those people can then talk back so what's cool about this technology is it not able to generate transcripts it allows people to are -- so I've had a group of people speaking 5 different languages. And you can have your own phone you're talking into your own language. Everyone else around you is getting transcripts in their own language they then talk back in their own devices if they want to talk to you. And you can interrupt each other and you're able to then see responses to them and it can happen at the same time.

SPEAKER: 2-part question. Will this work with Skype for business as well in the and the second part is how does it deal with thick accents?

SPEAKER: Okay so those are 2 very different questions. It's not currently integrated but you can use the technology in concert to give a presentation and suppose you have an audience that is connected and they’re maybe speaking in other languages the translator shares the screen and they can join on their devices and I know people that do that and then they'll see the transcripts on the screen.

SPEAKER: And the part of Skype for business that it is included in is the Skype broadcast mart so if you have Skype for business there's 2 pieces to it 1 is kind of the everyday meeting and the other is the broadcast the broadcast have an integration the other scenario you're just -- that's what will's mentioning. 1 it's actually built in already.

SPEAKER: So accents -- it supports recognition across a large number of accents in English but there are accents that it doesn't support as well so if you speak mandarin it will do pretty well. If you are from another part of China, it won't do as well. We just don't have enough from these regions. North Indian dialects -- and we 60-plus output languages so you can speak, and it has voices in 18 of those 62.

SPEAKER: And another question from Ryan is what is the privacy level for the technology?

SPEAKER: That's another question. We are working in compliance still, so it is not in compliant mode currently. Compliance will be next spring and there's a certain compliance level it will be released next spring. 1 thing I wanted to point out is not just taking out -- it's also processing this. So you notice it kind of looks like a caption. So a lot of the difficulty here with doing translation is that we couldn't translate a stream of raw text we had to actually process it. Our minds do that when we listen to language. This is attempting to replicate that ability within the machine. So this is truly an AI kind of experience. Another thing is you can kind of talk in multiple languages. So I'm going to show you how you can actually interact. Here we are. It's hard to do. And I'm going to unmute the audience. So this goes into a question answer mode meaning that the audience can now participate. My phone is not getting that. But you get a sense of how this would work then so multiple individuals can talk at the same time and not -- so we have the presenter presenting here and then it's showing the other participants so if they're talking it identifies who they are. So in the context of accessibility we kind of get around the speaker identification problem which is difficult problem to solve and because it's running on these devices these phones have really good microphones. And everyone has 1 so why not just have it work with the devices we all carry with us anyway? And like 2 minutes? Okay. I'm going to skip through this. I have to skip this I think. This is the process why which we go through and clean up the text. We have a number of university partners we're using this in currently so we're using this in universities like 1 of the universities we work with has thousands of hours of transcriptions they request per year. They supplement the technologies that they already have. You're not going to get rid of a cart but -- so in the university setting there's a lot of nomenclature and verbiage that it can’t recognize. These terms were second day general Ed class. Most recognitions would fail but because I adapted just because -- proteins and it actually gets all of those terms and I can go a step further. Why not government speak? So GSA is a member of the procurement in 1984 GSA introduced GSA smart pay system and the enter agency management conference or term co, was last held in 2011. So these are terms that they could possibly know but because they're in my slide notes it does know them, and another good example is what I showed you earlier. It's someone's name. How could they know her name? But because I have it in the slide deck and -- actually I was doing it just a few minutes before I was doing my talk. It says oh I now know how to spell this word. A couple of questions and we're already over I think. You tell me what I should do.

SPEAKER: A couple questions.

SPEAKER: I just dropped my connection here. So on the line. How well is it handling grammatical processing above and beyond word level processing?

SPEAKER: It was just on the mat that was an hour tops. We do some just -- in order to punctuate and these kinds of things. You need to go to a deeper level.

SPEAKER: Does it work like Dragon or if someone has a speech impediment can --

SPEAKER: This runs in the cloud so there are 2 levels of adaptation is text base. But we do acoustic adaptation. It's a little bit more complicated where you can adapt to someone's voice. There was a question way in the back.

SPEAKER: Fill, we're having a --

SPEAKER: Technical issue that we haven't experienced yet.

SPEAKER: There's a question -- oh there was a question way in the back. She's been waiting for a while so.

SPEAKER: Here's a challenge for you to bring back to your team. How would somebody who's definite who uses visual communication be able to use sign language communication --

SPEAKER: So you're saying ASL interpretation? Currently that's a technology that there is some work on that but there's not an integration of that product at that point. I would say that's a deeper discussion as well. That is a complex problem. The interpreting visual language is something that we could develop learners for but we're kind of pushing the edge for what's possible. That's 1 thinking I'd really like to see.

SPEAKER: What is the output format for the transcripts?

SPEAKER: It's in a text format currently so then you can copy it to pretty much anything. In the schools -- I'll give you a couple of ones. We have this 1 class where there was a group of -- there was -- it's every biology class and 1 of the students requested this service but she dropped and so the remaining students are like well why are they still doing this and they said no we want it because we want the transcripts so they actually -- the hearing students are using it on a regular basis. So this fits in that when you with do this kind of work, it ends up benefiting a large population. I hope that answers your question and a little bit more.

SPEAKER: 1 more minute.

SPEAKER: I think I'm pretty much done. Yeah, let me talk the last slide. Thanks. So this is a comparison to cart we're about 2 to 3 times worse than CART. But they still have to adapt. They have to understand the terminology. So our rate for our transcribers we're around 10 to 15 percent. So I want to make it clear that this is not a replacement. It's a supplement. It's really important to make that point. But it does supplement it in -- I'm getting a call. No. This is a coworker of mine. He's profoundly DEAF and we've worked on this technology for a number of years. I don't sign. I should but I don't and when we want to communicate with each other we have to schedule an interpreter and now with this technology he carries his phone with him. And when he bumps into people if they don't sign he says use this phone. He recently went to a bar to watch a football game and he now goes on team events because for him going around with a bunch of hearing people, it was boring but now he can participate. So I'll stop there.

SPEAKER: So I was told in the hallway nothing bad can happen in my presentation because everything bad has already happened. Very surprised. Okay I share a screen. Okay so I'm seeing some people put their coats on and backpacks. You probably have to catch the metro or something so I'm going to start at the end of my deck just in case. In case you are leaving in a minute I want to flash up the contact info. We will send this out with the presentations as well. Please do contact us. We represent the engineering teams for the most part. What you wish was doing differently are you having issues. So please do leverage our e-mail addresses. I can't say we're on them 24/7 but we're probably on them quite a bit more than we should be. Did everybody get the e-mail addresses with their phone? And if you haven’t seen it already enterprise disability already responded. During lunch I was talking to some folks in the back and it would be great to have that 200-call number go up to 20,000. I'm sure they would be also thrilled if they could get the word out about E dad. So I am going to try to keep us -- I'm eating into Q and A a little bit. But little be out of here by 330ish. You can contact us afterwards since you have our e-mail as well. So for folks who have recently joined. My name is Anita. I'm going to start off with -- I'm going to start with Microsoft mission. I generally start with this slide because it helps to -- the Microsoft mission is to empower every person and every organization on the planet to achieve more and when we move to the next slide you see the images on the slide are no longer okay and it merely represents -- you have a picture of a lady on a cell phone in an airport probably trying to find a flight that she mixed you have a couple doctors looking at an x-ray. You have a teacher in a classroom and a lady trying to look at her phone and go running. I would not recommend looking at your phone and running at the same time. As Peter mentioned this morning, office has really centered our goals around this mission with the 2 goals create communicate and consume content on every device and everyone can easily create accessible content. And I'll go into detail in each 1 of these in the following slides the categories include being able to consume content independently not having to rely on somebody else. The second is to be able to create confidently. I can't imagine somebody that wants to send a document that's not polished. The third is collaborated inclusively. And this really speaks to, in the middle, the power point translator and features like that and being able to bring everybody into the conversation and have a conversation with everybody and the last 1 is being able to organize efficiently. The first 1 is to consume content independently. A few of the features that we have include learning tools. Otherwise I will move ops in the interest of time. Because learning tools is really awesome. Okay the 1 thing that I don't think we did mention on it is that it came out of a hackathon. I don't know how many of you knew that. Maybe? No? So a couple years ago, the V team that developed learning tools, decided to use office to help children with dyslexia as part of a -- Microsoft, every summer for the whole week it's called someone week. They construct these huge big tents. They kind of look like circuit tents. Probably smell like that by the end and people go in there with a challenge or a thought like what if I could do -- a couple years ago it was like what if I could help office and they ended up winning 1 of the top prizes at the hackathon that year and every year you see people using -- to see the amount of work every week. So I did want to show in terms of learning tools, when learning tools is going to be available across the different platforms and products. You can see that it started originally in window desktop and in the same here we have the learning tools on the far-left moving text to speech and font size syllables parts of speech line focus and dictation. So pinkish dark blue represents word desktop and then you have on line web access and -- we have IOS, a destroyed mac universal and web. We generally roll up features like this. So the next 1 is to be able to create confidently and this is where I get to do some of the cool demos. I'm going to attempt to do some memos. I want to leave you today. If you haven't seen them last year or aren't familiar with them, some ways to start using accessibility features in your everyday work life as well as trying to be able to use these with your colleagues so the first 1 is tell me and you can get to that by typing ALT Q and you can see -- let's see if -- see if the laser actually works. So there's a light bulk right at the top of the screen that says tell me what you want to do. I'm not going to type that I want technology to work for the next 20 minutes. So I want to place a picture in my power point deck and you'll notice that I didn't have to say the exact Microsoft word of insert picture. Underneath place a picture you have on line pictures as well as get help on place a picture so through A I I was able to convert my language, so you don't have to actually know every command. And I probably shouldn't tell you this, but when designer came out -- oh I'm not sharing? What? Okay. Share my screen. I'm getting really good at this. Okay can folks on line see me now? The screen, maybe? Perfect. So the second feature we have is power point design. It gives you the ability to throw a whole bunch of pictures into power point possibly and if I were to go up to the ribbon say insert pictures and let's say lots of pictures of receipts. If I were to select a whole bunch of pictures of apples because I grew up on an apple farm and I wanted to send a picture to my parents. And what you'll see -- a couple things. You'll see text show up below the images as well as design ideas that show up in the right panel. The top design is the 1 that is most frequently picked. So I think for about 3 months I used tell -- so I completely where designer is in the ribbon and was able to use tell me to get to that feature. Okay. The other feature in terms of creating confidently that I wanted to share with you is editor and I'm going to spell check and I see head nods which means you're still alive and participating the last 15 minutes. If I have dyslexia or you don't remember all the SAT words from like 11th grade, it can be a challenge to figure out which word to pick. So in this document I've highlighted the words yellow. Hello, you have been conducting a meeting for a long period of time. If not, I'll end your meeting.

SPEAKER: This phone is tired. What? I'll still sharing. Okay let's keep going. This is a document on the Amazon rain forest. Obvious lip this sentence right here is misspelled so if I go up to the review tab and select check document and I'll hide this right here. You'll see the editor pane on the right side of the document and it's telling me that I have 2 spelling error and grammar errors. And what is created above this is we're starting to pull in the read aloud feature within its spelling and editor. And there's echo. I'm so glad that I can -- I muted it. Approximately, not a word but you'll see that approximately and proximity are shared as suggestions with the synonyms underneath it. We'll try this 1 more time. It will be loud. So that is Morris code for -- I don't know how to spell. So you are going to have to force me to spell check. So -- yeah. So trust me that it will read it aloud, but the great thing is that continuous contagious for someone with dyslexia they're very similar words. Okay I'm seeing more people look up so I'm going to keep going. Collaborating inclusively thankfully Peter covered most of this this morning and just to highlight we have the automatic ALT text, the accessibility checker as well as automatic closed captions. So with that, I'm going to highlight and summarize so we have a few minutes for Q and A in general as well as specific to O 365 when we look at office 365 -- this includes 3 things the first is boosting productivity. So boosting productivity that's everything that we've been talking about today. We want to use the features within office to make everybody more productive. The second is around simplifying IT and support. We want to make internet sites accessible we don't want to have to rely on add on. Aneetha Jayaraman commented on this this morning. To test your products every year they have a full conformance test pass and testing with people -- or people with disabilities will give us feedback as well as our satisfaction for completing scenarios. And then we craft the conformance documents probably need.

SPEAKER: Updated in the next month or so.

SPEAKER: I think we've about 75 percent completion which makes me really excited. So we are hoping that by the end of the year office 365 -- so that's my Christmas present. So the next several slides I'm going to be really quick and they're for context. So I'm going to leave this for you to read when the slide deck comes out. You can see that we have a lot of terms for creating accessible content Peter talked about that this morning. Grab him before you leave the room and he can sign you up for those last few spaces and these are really slow transitions for creating accessibility -- the accessibility checker coming to share point is huge as well as mail tips for -- so in outlook you can add that bar at the top that says I prefer accessibility content. We've shipped a lot of products for learning impairments including dyslexia. Including learning tools. A few things that are coming that I'm super excited about is a picture dictionary which sounds kind of funny but it's great because you can associate the words that you can see and increases the reading comprehension or for children to start associating things with images. Visual impairments, several things we're working on is -- these are continuing to innovate and make it easier for screen readers within Visio, and I think this is the last 1 mobility impairments. We recommend that you try that. As well as tell me is coming out for office for mac. Last 1 hearing impairments. It was really hard to flow him especially and I would recommend not using that. And then reading aloud for output P.C. so we have a few minutes for general questions. You can follow us on Twitter. So you can go to accessibility support to get help from an expert and it looks like will has our first question.

SPEAKER: It's about the slides and the transcripts because I got a couple of -- I just wanted to make sure everything understood what was going to happen after this.

SPEAKER: So the transcript will be available probably in the next couple of days for the people that attended in person since we have all your names -- well if you signed up on the sheet you'll get a copy of the transcript. Not everybody's going to get it unless you signed up on the sheet. For the people that are virtual you need to send an e-mail to Sheila dot Turner at dot gov in the same place that the October presentations were posted. We will be sending out a link. It will not be like out there for the public, but we'll be sending you a link for that portion of the Web site where you can find those presentations hopefully by the end of the week okay? So. . . .

SPEAKER: So before we jump into Q and A and everybody packs up to go home I want to say thank you. I know a lot of you filled out this survey and we sent like 3 months asking what content you wanted and what your challenges were. So we are open for Q and A and please do take advantage of e-mailing us with any questions that don't get answered right now. So there's a question way in the back.

SPEAKER: Could you just identify what the different people -- I mean, what their function is that I know who to contact about what.

SPEAKER: Who should you contact about what? So you can just totally randomly pick and that will make it fun for us. Yeah, just send it all to me. Dean what should they contact you for?

SPEAKER: You can reach out to me or questions about specific agencies what people are doing. I can help in that sort of space. If you want, conversations with your CIO and you need assistance I can come in and kind of help you through that conversation with them or the CTO kind of understand -- have them understand what they're already doing that can be improved so those certain things are for me.

SPEAKER: You're local.

SPEAKER: Oh I'm local that's another thing. I live in hey market.

SPEAKER: So when you have questions after 5 o'clock you can contact us. So many of you are probably familiar with Covington. I hate to say that I am the new client because he's going away. Peter Frem is who you should talk to for accessible authoring. Translator, you, any apps that you want integrated into office. Aneetha Jayaraman is power point and we will update the slides. Next question.

SPEAKER: Is the scene app free of charge from the app store?

SPEAKER: Yes.

SPEAKER: So the answer is yes on the phone seeing I app is free.

SPEAKER: Does the accessibility checker do all videos captioned?

SPEAKER: We're taking the next step ultimately to identify that local videos that you've added to the presentations have captions. This is something we should have mentioned earlier. It's a new capability being able to add captions. Say in a web video in YouTube or something like that if it already has captions or not we have no way of detecting that yet.

SPEAKER: The subject of create accessible in outlook can you determine whether the attachments to e-mails are okay.

SPEAKER: You were talking to Peter right there.

SPEAKER: That's something that's definitely under consideration. Be it in exchange as well we're hoping to be able to do that.

SPEAKER: I have a great question about tables with contact tables. Is word or any of the other -- I know you're shaking your head I was going to ask if you were able to pragmatically -- you're referring to the situation or and then you have smaller grouping we don't have a way to do that yet. It's something we're hearing a lot of feedback on. And what is the next set of feedback and kind of to the point that I was making earlier we're gauging these things of level of impact that we have. To understand which is the next thing that we're going to do.

SPEAKER: Where are you on forms?

SPEAKER: I'm glad you asked that. These are created in word. I'm happy to say this is something the team is actively working on. Based on content controls. I think we'll pick up on the signals we've provided them. If you have some sort of a text box or checkbox or other kind of form control that the keyboarding work flow works properly.

SPEAKER: So here's a little commercial while we're waiting for another question 1 of the things that I think was missed today is there's also some things that go better together okay so there's a lot of talk about what had been done around windows 10. So the reason why you care is imagine that scenario. You are let's say in front of your computer and you may be a user that is blind and when you get an instant message instead of a toaster popping up, what it would do is it would tell you that there is a notification and it would tell you how to respond to that instant message so it would say if you want to respond hit like control shift R and you can hit that keyboard and it will automatically respond so it's a better way in which we're elevating certain messages from office to make that kind of screen reading and other sort of ET better and the office together okay so anybody have other questions.

SPEAKER: We have virtual content. Car minute says power point has always been more advanced than the has clearly described the issue and how to resolve the issue I hope this hasn't changed in the updated version were to emulated functionality.

SPEAKER: Would you mind saying that again please?

SPEAKER: The accessibility checker in power point as it clearly described the issue and I hope this has. Changed in the updated version and it will be very helpful in the other apps.

SPEAKER: It's an interesting comment because I personally feel I think it's more action. Than it is in power point for actually fixing these issues. For example, certain things we're considering is not just a 2 to 3 -- we're looking for ways to incorporate a step by step wizard, so you can imagine -- sure you can click the 1 click action. But you can imagine somebody wanting so that they keep up that process moving forward, and you can imagine a way of showing me how and it might be --

SPEAKER: Other questions?

SPEAKER: I think it's party time.

SPEAKER: Remind us where the party is. There's a restaurant on G street called the exchange and go out the F street door you're going to turn right and go down to 18th street. And it's right there about halfway down the block on the left-hand side so it's literally about a block from here.

SPEAKER: If you go too far you'll be in the white house so stay out of there.

SPEAKER: I think that's it I want to say thank you I think all of us really do want to say thank you for hosting this event and allowing us to share everything that we think is cool about Microsoft windows officer and have fun at the party. (Meeting concluded at 3:35 p.m.)