

Indianapolis HLAA Chapter

Transcript: 2nd MIDWINTER WEBINAR EVENT presented Feb 17th

"Life Subtitled" -XRAI Glass: Science Fiction Technology, Available Today!

Presenter: **Dan Scarfe**, Founder & CEO of XRAI Captioning Glasses

Summary

During the meeting, Dan Scarf, co-founder of XRAI Glass, presented the company's augmented reality (AR) glasses and app that provide real-time subtitles for speech, aiming to assist individuals with hearing difficulties in engaging more deeply in conversations. The XRAI app is compatible with various operating systems and AR glasses, supports over 78 languages and 140 dialects, and offers customizable subtitle display options. The app can be downloaded for free on iOS and Android devices and is also expected to be available for Windows PCs soon.

Dan demonstrated the app's capabilities, including its speed and accuracy in transcribing and translating spoken language. He also showcased the compatibility of the app with different AR glasses, such as the Xreal Air 2 Pros and the Ray Neo Air ones, which project subtitles in the user's field of vision. Dan mentioned that the app integrates with chat GPT for additional features like conversation summarization and topic identification.

Additionally, XRAI Stream was introduced as a feature that allows subtitles to be broadcasted in venues like conferences, sports stadiums, and transportation hubs by connecting directly to the microphones in use.

The meeting concluded with a Q&A session where participants asked about the compatibility of the glasses with hearing aids and cochlear implants, the ability to wear them over prescription glasses, battery life, and the availability of the app on different platforms. Dan provided responses and clarified that the app and glasses are separate components that work together to create the subtitling experience.

POWERPOINT PRESENTATION LINK:

https://exrai.sharepoint.com/:p/s/salesmarketing/EeNBaA1W6VIJiEJSzpn1IM0BIS49YXpAg_1Xx2i9x0FOvQ?rttime=KHuurPEv3Eg

TRANSCRIPT

3:09:39 PM Paula Sutton: technology can have on people's lives. Dan's Journey took a significant turn when he witnessed the struggles faced by his 97 year old grandfather Peter during a family Christmas gathering. Despite owning some of the world's best hearing aids Peter found it challenging to connect with conversations around him due to his hearing loss. Well inspired by this experience Dan scarf co-founded x-ray glass. That's x r a i play on words there. I think x-ray glass.

3:10:20 PM Paula Sutton: It's a brown brown breaking app that converts audio into visuals in real time. The app provides subtitles for speech allowing individuals with hearing difficulties to engage more deeply in conversations. Dan's vision is to empower human connections by enabling people to explore conversations effortlessly and x-ray glass is a significant step

toward achieving that goal. So beyond his role at x-ray glass. Dan scarf continues to drive Innovation and positive change in the tech industry his commitment to improving lives through technology remains unwavering making him a driving force behind x-rays mission to empower the deaf and hard of hearing community. Ladies and Gentlemen, please.

3:11:23 PM Paula Sutton: Welcome Dan scarf

3:11:27 PM Dan Scarfe: Thank you Paula. And thank you all for having me and it's always a slightly strange to have your bio red back to you. I'm guessing I probably did write that at some point. But anyway, so thank you all very very much and I'm excited to be here with you just a little bit of background on me. And so as Paula mentioned I spent nearly 20 years building.

3:11:50 PM Dan Scarfe: What would become the world's largest Microsoft partner. So we had about 600 employees about 100 million dollar business and and we sold that to a company called cognizant to some of you might have heard of who are massive massive 300,000 person company anyway, a long story short and of course, we love cookiness. You know, what took us 18 years to build didn't quite last 18 years after we sold it is all I shall say and we all left and decided to do our separate things.

3:12:22 PM Dan Scarfe: So with that let me open up the Temptation and now we'll see whether I can really work the technology or not. Okay, and so Paula as you mentioned, yes, x-ray is a play on words. So X off stands for extended reality or spatial Computing as we might now know it an AI of course is artificial intelligence the rage at the moment. So we're all about, you know, putting those two things together and who didn't want a pair of X-ray glasses as a child.

3:12:57 PM Dan Scarfe: So again, it's Paula mentioned and the inspiration for this was my Granddad who was 96 at the time just coming up to 99 now and you know for many years he has been losing his hearing steadily and it sort of something I've been thinking about for some time. You know, how could we use technology in order to better help him and it was the, you know Christmas 2021 where I guess I had this Epiphany about why can't we can buy real-time subtitles, which have been getting better and better and better with as they were at the time these new augmented reality glasses and Together to create life subtitles, but of course, it's not just my granddades, you know, there are nearly 1.5 billion people who live with some form of hearing loss and unfortunately, it's going the wrong way.

3:13:50 PM Dan Scarfe: So by 2050 is projected to grow to two and a half billion people is the second largest disab. The world's second only to mental health and of course, I don't need to educate all of you on this call about why it is so important but it's something that I am very passionate about but of course hearing loss is just one of the barriers to communication. One of the other biggest barriers to communication is language and according to chat GPT.

3:14:18 PM Dan Scarfe: Therefore it must be true at least 20% of people have found themselves in a situation where they're unable to engage in conversation through some form of language barrier actually suspect it's a lot more than that, but between hearing loss and language, you know, we think that there are some huge challenges that we can help to solve. So we set off on our mission and that mission was AI for social good we hear so much in the news about how AI is going to destroy the world and how it's this terrible terrible thing.

3:14:54 PM Dan Scarfe: And actually we want to say no, you know can actually be an incredibly powerful force for good. So if it's okay, I'm just going to

3:15:03 PM Paula's OtterPilot: Hi, I'm an AI assistant helping Paula Sutton take notes for this meeting. Follow along the transcript here: https://otter.ai/u/5cWCfeEHW9VwyFfmlos25Uq8Xk0?utm_source=va_chat_link_2

You'll also be able to see screenshots of key moments, add highlights, comments, or action items to anything being said, and get an automatic summary after the meeting.

3:15:04 PM Dan Scarfe: share a quick video, but it won't let me do it from how a point so I shall have to just switch across to hear quickly. Give me two seconds. first the video share this screen We are living in a world that's more let me connected than ever. But for many people who are deaf or hard of hearing it hasn't always felt that way even with assistive devices everyday life can still be challenging for those with varying levels of hearing loss.

3:16:00 PM Dan Scarfe: So when we launched x-ray glass and AR software that uses smart glasses to translate audio into subtitles in real time. We knew we would be so much more than just revolutionary Tech introducing life subtitles rather than solely showcasing impressive technical features. We positioned to x-ray glass as a Lifestyle brand that genuinely augments lives for the better. We established a team of brand ambassadors from different walks of life who were deaf or hard of hearing and invited them to experience x-ray glass for the first time. That's amazing everything I'm saying. Yeah, that is crazy.

3:16:42 PM Dan Scarfe: my butt real reactions with a real response over 6,500 pieces of media coverage That is absolutely genius. And it wasn't just those who are deaf or hard of hearing that saw the benefits of X-ray glass. Resulting in 820 million in Combined reach. We saw a 1000% increase in online searches. Then the glasses sold out on Amazon. And our software was noticed we showed how Tech can be Human by giving people more access to the world.

3:17:23 PM Dan Scarfe: They deserve to be a part of one where we're all connected life subtitled. Stop that and go back to the other one again. approach is this one so it was kind of a bit surreal watching your face on national TV news in just about every country in the world and PR agency reckon. We hit somewhere between two and three billion people which again is kind of Crazy crazy stuff for the time little startup like us but it was good fun nonetheless.

3:18:12 PM Dan Scarfe: So let's start getting into a little bit of the detail here. And so X3 itself is actually a sweet of different things. And so we have an app we have x-ray glass and we then have x-ray stream. So we're going to start by talking about the app because that's the way that most people experience this technology to begin and hopefully some all of you have had a chance to download the app.

3:18:42 PM Dan Scarfe: It's available just from the Android store or from the iOS store and when you download that straightaway, you'll be able to start subtitling so we can listen out for more than 78 languages 140 different dialects and we've got, you know, incredibly good speed incredibly good accuracy and what I can actually do at this point is First dangerous thing which is a live demo. So along with being available on IOS and Android we're also available on PC so if I come across to here We can actually see the app.

3:19:22 PM Dan Scarfe: So this is now just running on my machine. This is the exact same app, which will be running on your phone. So again, you can get a sense of you know, how quick how accurate this is and I can now sort of start to show you some of the features. So the first thing we can do is we can come up into here just make this one.

3:19:40 PM Dan Scarfe: Okay and coming to spoke a language and we can now start to see all of the different languages that we support. And so you can see here that there are 140 different dialects then what you also see for each one of those languages are all of the different models and so a model is a transcription engine perfectly. So something that accepts audio and sends back text and so there are

3:20:06 PM Carol Agate: Um, yeah.

3:20:06 PM Dan Scarfe: various different providers that have these models so companies you will have heard of like Microsoft and Amazon companies. You might not have heard of like deep Graham and then there are also transcription. Almost that you can actually run on the devices itself so that you don't need Wi-Fi. So Vosk for instance is an example of one of those models. And so for the first time ever, you know, we've got an app here where you can actually select in real time which transcription engine you want to use and you can test how Microsoft is versus Amazon versus offline models.

3:20:42 PM Dan Scarfe: So this is kind of quite fun, but the moment we've got it just selected onto Microsoft what we can then also do is control what language we want the subtitles to appear in now does anyone on this call speak any other languages by any chance? We're going to do a little audience demo here. come on, someone must think

3:21:09 PM Teresa Gonzalez: Speaking and we there's two of us here that speak Spanish.

3:21:13 PM Dan Scarfe: wonderful. Let's get that ago then so we can now going to come into spoken language and we're now going to say along with listening for English. We also want to listen for Spanish. You see here all the various different dialects that we've got that we'll just go with the main one here and we're now going to tick off that we're either going to be listening

out for English or Spanish so I can now come into the subtitle language and I can now select this new auto reverse feature, which is quite fun.

3:21:38 PM Dan Scarfe: So now anything which I'm now saying in English is now going to be automatically translated across into Spanish in real time. So again, you can see here the speed which we're able to do that that translation. And then if someone is brave enough to say something in Spanish.

3:21:56 PM Teresa Gonzalez: Hola, como estas. Como Es dear

3:22:02 PM Dan Scarfe: So you can see here. We're in real time. Analyzing Which languages are being spoken and then we're able to then identify and then automatically reverse those languages in real time. So again, we are we think that only app in the world that has this capability to be able to do that real-time analysis and real-time reversal, which is quite fun. Anyway, I feel now set that back to English so you can all read it again and we've taken of success ability to heart with this we're in accessibility app.

3:22:32 PM Dan Scarfe: So we've given you full control of absolutely everything in here. I can set that the theme think is my particular favorite and we can change the color here. That's where the scientist I can make this kind of bigger and smaller. I can change it to be soon to Justified right Justified. I can change the text to be all in capitals or all lowercase and I can change the weight of it how it is.

3:22:58 PM Dan Scarfe: I can then also change all the spacing so I can make the words further. I can make the letters further apart. I can make the lines further apart so you can customize and get you know, you're absolute perfect viewing experience for these subtitles again, where one of the most customizable subtitling apps that's out there. I'll just go through and reset all of those again back to dark purple.

3:23:24 PM Dan Scarfe: We can also do things like minimum minimal interface for instance. So when I take off minimal interface, then you'll notice in a second that all of the Clutter disappears so you have a nice clean streamlined experience. So anyway, that is the that's so and again any of you can go download this app free of charge from the Apple store or from the Google store right now and just use it in place of whatever captioning app you're using today. Right. Let me go back again to hear. Okay.

3:24:07 PM Dan Scarfe: So you see the the transcription that we saw and then we also skip the head a little bit and we looked at the translation as well. And we saw that ability to be able to reverse that translation in real time. We also have integration with chat GPT as well. So you can ask questions like, you know, hey x-ray, can you summarize this conversation or pay x-ray? What's the topic that we were just talking about and You know this ability to be able to help you better understand the conversation around you.

3:24:39 PM Dan Scarfe: So to summarize what we've got here is something that works across any different operating system. So whether this is a phone or a tablet or a laptop, wherever you are, we want to make sure that this app is available to you. We support multiple different AI providers so you can choose the one that works best for you best for the work that the way that you speak and that's a combination of providers which are available online.

3:25:04 PM Dan Scarfe: If you have Wi-Fi and just on device if you don't and then finally we work across any kind of form factor, which is where we'll then come to the glasses. So now this exact same software that you've got available on your phone.

3:25:18 PM Paula Sutton: Our HLAA-Indianapolis Chapter Web Links:
www.hlaa-indianapolis.org www.facebook.com/groups/HLAAIndy

3:25:19 PM Dan Scarfe: We can now pair with a set of augmented reality glasses. Now, I don't know if any of you have ever worn augmented reality glasses before it's really really difficult to explain to someone what augmented reality is if you haven't seen it haven't used it before but the the Test approximation that I can give is if any of you have ever been in a car which has a heads up display.

3:25:46 PM Dan Scarfe: So you're kind of your sat there and then you know, the speedo is kind of magically appearing Somewhere over the Bonnet then you've experienced a kind of augmented reality with these AR glasses. We've got this ability to be able to project. digital

content in front of you the whole time and again, I'm going to be a very Optimistic here and attempts to do a real-time demo for you.

3:26:17 PM Dan Scarfe: And now as all as we'll talk about in a second and we support lots and lots of different kinds of augmented reality glasses. Again, we don't want to dictate to you that you must use a particular kind of glasses. You should be free to choose whatever kind of glasses you want and be safe in the knowledge that they will work with actually software. So I'm going to show you these on one particular set of glasses just because these glasses are the easiest ones to be able to show through a camera.

3:26:48 PM Dan Scarfe: These particular ones are the ray Neo air ones. If I now let me come stop presenting for a second so that I can See what I'm showing you I'm now going to put these glasses behind the camera and you can now actually see everything that I'm saying now appearing as subtitles in real time right in front of you. What you'll notice here is that we've got kind of anti-shape control which is quite nice so you can kind of jiggle your head about a little bit and some of the glasses that are fixed your head, you know, you can

3:27:21 PM Jonathan Ozek: Unbelievable

3:27:23 PM Dan Scarfe: sometimes have nausea with them. Whereas with these ones you don't and

3:27:27 PM Paula Sutton: You can ask questions or make comments in this chat box or raise hand symbol at the end of the presentation.

3:27:27 PM Dan Scarfe: we've got full control of sort of the size of the Fonts, I can make it like much bigger for you. I can also control how far away it appears from you. So anywhere from half a meter away up to 15 meters away from you and you'll see that it's the exact same experience on the phone the same speed the same accuracy, but now just coming to you through a pair of

3:27:53 PM L Sinclair: How can people with cochlear implants modify the frame behind the ear?

3:27:54 PM Dan Scarfe: glasses instead. And now as I mentioned go back to slide again. Which one is it? This one again. Now there are lots and lots and lots of these glasses which are both come out and are coming out in the near future. So some of the top ones that we work with are organizations like xreal. So xreal are the number one selling consumer augmented reality glasses worldwide and their latest glasses are these ones which are the air to Pros.

3:28:41 PM Dan Scarfe: These ones are even lighter than the previous ones and they also have variable tints so you can get down to almost transparent through these glasses. There is a new set coming out in just a few weeks which are quite excited about which are the radio x2s. So we are one of the only apps in the world. That is compatible with those particular glasses. And then there are also as I mentioned dozens and dozens of new glasses coming out based on new chips from a company called Qualcomm that some of you may or may not have heard about and so we are also going to be supporting all of those.

3:29:22 PM Dan Scarfe: Finally, there are other different categories of glasses coming out. So there are ones like these for instance. So these are made by can be called active. Look now. These are much much lower resolution glasses, but they have much much longer battery. And then there are also some new ones coming out fairly soon, which are all in one again fully transparent lenses with those ones. So that's glasses.

3:29:52 PM Dan Scarfe: And then the final kind of stop on our tour is x-ray stream. Let me just have a quick drink apologies. So these glasses all work great, you know if the audio that you are trying to capture is from your immediate vicinity, but now I imagine for a second that I'm sat at a conference for instance. And I'm now trying to listen to the speakers at the front.

3:30:24 PM Dan Scarfe: Imagine if it were possible to connect directly to the microphones worn by the presenters at the front well with x-ray stream Possible. So we've got the ability to take those same super accurate subtitles and then broadcast them to an entire venue. So anybody who has at that particular conference for instance will be able to stream in live to those subtitles. We're also working with sports failure around the world to deploy this technology as well.

3:30:53 PM Dan Scarfe: So that when you come to watch the game, you can actually have the commentary coming up in real time again in your language of choice or imagine that you're a train station or a pain or an airport, you know anywhere where there are lots of different people trying to listen to the same thing once we've now got an ability to be able to support them. Now she can probably guess I could talk about this all day, but hopefully that has given you at least a good overview and you know, hopefully there are a few questions that I might be able to answer.

3:31:32 PM Teresa Gonzalez: Thank you, Dan.

3:31:32 PM Dan Scarfe: but

3:31:32 PM Paula Sutton: Well, thank you, Dan. Go ahead Teresa.

3:31:37 PM Teresa Gonzalez: Thank you so much. Yes, we'll start our questions and answers and it looks like we've got two people raising their hand. I would like to start let's start off and then we have a few questions in the chat. So we'll start with those that are raising our hands Jonathan. Do you want to start? with your question

3:32:02 PM Jonathan Ozek: Yes, I cannot anybody hear me.

3:32:05 PM Teresa Gonzalez: Yes.

3:32:05 PM Jonathan Ozek: Okay, because I'm making sure well first of all, that was a great vegetation. I was very excited to get here. My name is Jonathan. I'm from Boston. I do a HLA Boston chapter. I do a social media marketing. And I was very excited when I heard about this Google meeting. I was like I definitely had to be part of this meeting to see how it is. Um, so my so my first question to you Dan if our dad because I don't own a sun classes to that. Based on your test.

3:32:43 PM Jonathan Ozek: Have you ever thought of that that could some classes might affect her people's ears because of it because they wear hearing aids.

3:32:52 PM Dan Scarfe: Yeah, and so I think there are two questions in there. The first one is about the tinted lenses and then the second one is about the hearing aids because they're kind of that. They're separate really and the first thing is with with hearing aids. There's there's no issue at all with any of the particular glasses that we use. So the arms are you know, they're very very thin and see you there.

3:33:15 PM Dan Scarfe: So That's one of the sets of losses for instance so that can sit next to

3:33:19 PM Jonathan Ozek: Right, okay.

3:33:20 PM Dan Scarfe: hearing aid. No problem with these new glasses that are coming out. They're really quite thin at that I'm gonna go in there. point some of the other glasses in Market have got you know, quite a lot of stuff sort of behind the ear and and not quite so comfortable. So like the the new x2s that are coming out for instance there. They're heavier behind the arm, so That's one of the reasons why we want to support lots of different glasses is so that you know, you can find ones which are comfortable to you.

3:33:53 PM Dan Scarfe: You don't have to choose from from just one. Now. The second question you had was about the tinting and that is the question. Of course that we get more than any other question. Now, there is the reason for this is all to do with how the different

3:34:09 PM Ella Hurrell: are the Alaskan native american languages included in the translation?

3:34:11 PM Dan Scarfe: kinds of glasses work. So with the current generation of consumer glasses they use something called a bird bath lens. So actually the way these glasses

3:34:24 PM Jonathan Ozek: Oh, okay.

3:34:25 PM Dan Scarfe: work is there is a TV which is built into the top of it. And then this is almost like a mirror that bounces the light into your eyes now if there were some form of shading here all the light would flood in and you wouldn't be able to see the reflection in the mirror. But as you See with these new glasses. I mean they are almost completely transparent effects.

3:34:50 PM Dan Scarfe: I should have really cleaned that's got my dirty fingerprints and apologies. But again, you can see that with these latest ones there. They're really hardly tinted at all, but there is still a slight tint to them.

3:35:04 PM Jon Taylor: I have three questions: Price; Is there a trial period?; Can they be worn over prescription glasses?

3:35:05 PM Dan Scarfe: Now there is a and a different kind of optical technology which is available and that Optical technology is something called wave guide now he's literally as it sounds so these glasses for example again, I should call these lenses apologize. These are what are called wave guide glasses. So with these glasses they are now completely transparent and you might see that there are some slight etchings in the glass and you can't really see it.

3:35:33 PM Jonathan Ozek: Okay.

3:35:34 PM Dan Scarfe: But effectively the light comes out from here and the wave the optical wave guys literally guided into your eye and so these are the I don't know. I don't want to call it better technology. I mean it's different, you know, these are not as high resolution. They're not as bright, you know everything with the glasses right now is a series of trade-offs. It's just you know, which is the trade-off that you want to take really?

3:36:03 PM Jonathan Ozek: That's on that that's awesome Dan. Thank you. Very ask answering those questions. It's an amazing. You know, I I did a guest speaker the other night sharing about that company and and no one heard of it and it was just amazing that because there were no close captions. I'm available. So I turned the app on on my phone. It was somebody was talking. I was just blown away because at that point in it made me fell to be part of the the audience and then after that I went up to this stage and I explained about myself.

3:36:42 PM Jonathan Ozek: I'm hard up hearing that this is how it is and then when I share about your your company Everybody start asking me those questions.

3:36:50 PM Christopher Baker: What if you wear Rx glasses?

3:36:51 PM Jonathan Ozek: I wonder what's the name of the company? Where did you hear that? So it's really amazing is I do know that there's a lot of work to do with this app of yours. Like for example, or somebody is a bunch of people talking at once. Who's talking like which person talking to so? Yeah, and again great great work, and I'm very excited to continue to learn more about this app.

3:37:21 PM Dan Scarfe: That's a great point and smoking, you know, not everyone has augmented reality glasses and even people who have them don't necessarily want to wear them all day. You know, it's not necessarily the answer to everything and you know, the great thing about x-rays that if you're wearing the glasses you can use x-ray. If you've got your phone you can use x-ray. If you've got your laptop you can use x-ray, you know, again, we're not dictating to you what device you have to use.

3:37:44 PM Dan Scarfe: We just want to make sure that you've got these captions Wherever You Are.

3:37:49 PM Jonathan Ozek: Thank you.

3:37:51 PM Teresa Gonzalez: Thank you Jonathan. And then those were great questions and it looks like we got some really other some other great questions. So let's move to Carol.

3:38:04 PM Carol Agate: Thanks Dan. I'm sorry. I I found it awfully hard to follow because I guess I need slower speech in other than just this also it wasn't what I expected because I've seen presentations now from two other companies and their on the glasses and I guess what you're selling is an app, is that correct?

3:38:31 PM Dan Scarfe: we're selling an app that is compatible with glasses so you can

3:38:35 PM Carol Agate: So in other words I can use my own

3:38:35 PM Dan Scarfe: either

3:38:38 PM Carol Agate: glasses.

3:38:39 PM Dan Scarfe: no.

3:38:40 PM Carol Agate: And no I have to have special glasses

3:38:41 PM Dan Scarfe: no you

3:38:42 PM Carol Agate: and you show these different

3:38:43 PM Dan Scarfe: yes.

3:38:45 PM Carol Agate: companies that make these classes.

3:38:49 PM Dan Scarfe: exactly

3:38:49 PM Carol Agate: How do they coordinate with you? Who knows? How is this something that you put together and buy as a unit?

3:38:58 PM Dan Scarfe: So and well, one of the challenges honestly for us right now is that you can't buy these things as a unit so, you know these glasses for instance, you know, if you go on to Amazon and look at them, they will describe them as glasses for watching movies and video games, but you know what we've done our app transforms them into subtitled glasses if that makes sense.

3:39:24 PM Dan Scarfe: So you can take a pair of glasses that was designed for one thing and use them for another thing now with these new glasses that are coming out. They are going to be a sealed units, you know, you just press go and it just works. So we are aware that is complicated right now that you have to get the app and get the glasses and put the two together to make it work.

3:39:46 PM Dan Scarfe: But you know, it's also a fraction of the price of any of our competitors or at least one.

3:39:53 PM Carol Agate: So you are now selling the app, is

3:39:53 PM Dan Scarfe: That's just

3:39:56 PM Carol Agate: that right?

3:39:56 PM Dan Scarfe: so for now the app is free because

3:40:00 PM Carol Agate: Oh, the app is free.

3:40:00 PM Dan Scarfe: you know

3:40:01 PM Carol Agate: Oh and

3:40:02 PM Dan Scarfe: Because we are really Keen to get

3:40:03 PM Carol Agate: yeah.

3:40:04 PM Dan Scarfe: feedback from all of you. And from the other tens of thousands of people who use this thing around the world and we want to make sure that is is perfect at some point. Unfortunately. We will have to start charging subscription fees because otherwise we'll get our business. But you know for now we're happy that everybody's able to experience this and use this.

3:40:27 PM Carol Agate: So right now I'm using live transcribe. And I use it on a very cheap Android phone about specially for it because

3:40:38 PM Dan Scarfe: Yeah.

3:40:39 PM Carol Agate: if I try it if I transcribe seems to be the best one and it does it's Android only yours can be used on the iPhone, right?

3:40:50 PM Dan Scarfe: It can get used on a Android or iPhone so you can now officially banish live transcribe from your phone and step into the lights and start using x-ray instead.

3:41:01 PM Carol Agate: And what is the name of the app? It's just X Rai is the app.

3:41:04 PM Dan Scarfe: Yeah AI space glass.

3:41:10 PM Carol Agate: Oh space class x wait a minute. Ki space class or x x.

3:41:16 PM Dan Scarfe: XR extended reality

3:41:19 PM Carol Agate: Okay, the the captions didn't get it right xrai space class. You need the space class, too.

3:41:24 PM Dan Scarfe: Yeah.

3:41:27 PM Carol Agate: and with that I can experience this on the phone. So then when the glasses come out to go with it.

3:41:37 PM Jon Taylor: I take back my questions since they are not selling glasses.

3:41:37 PM Carol Agate: Then I can use it with a glasses or are you saying there are glasses now that it can be used with?

3:41:44 PM Dan Scarfe: Oh, yes. Yeah, there are several different kinds of glasses that you can use

3:41:47 PM Ella Hurrell: App XRAI space glass in android play store or iOS

3:41:48 PM Dan Scarfe: this with right now. But again, you can experience it on your phone first so you can see what the accuracy and the speed is like and check that it captures everything correctly and then you know only when you're happy with all of that, then you can buy set of glasses if you

3:42:02 PM Jonathan Ozek: Is the glasses chargeable?
3:42:03 PM Dan Scarfe: like. or not
3:42:04 PM Carol Agate: now I can use this app with an iPhone.
3:42:06 PM Paula Sutton: Link for company XRAI is <https://xrai.glass/>
3:42:09 PM Carol Agate: Is that correct?
3:42:10 PM Dan Scarfe: Yeah, correct.
3:42:10 PM Carol Agate: Because when when I tried using hotter with an iPhone the other shut off the hearing aids.
3:42:18 PM Dan Scarfe: Yep, it does.
3:42:19 PM Carol Agate: Can I use this with the iPhone? And is it going to shut off the hearing aids?
3:42:25 PM Dan Scarfe: Nope.
3:42:26 PM Carol Agate: No. Okay, great. I will give it a try.
3:42:29 PM Dan Scarfe: And that one funny thing was I have no idea. I can't begin to describe to you how hard it was not to break the hearing aids. So it's a great question because yes lots of apps do but yes we have done. I can't even tell you how much engineering to make sure that it's works perfectly.
3:42:48 PM Carol Agate: Thank you, you know it's not to have to carry two phones.
3:42:52 PM Dan Scarfe: hmm
3:42:53 PM Teresa Gonzalez: Thank you, Carol. Let's move to Caroline and then we'll go to the chat box.
3:43:00 PM Carolyn Odio: Our broadcast is coming down the line.
3:43:06 PM Jonathan Ozek: I don't think it doesn't shut off the hearing aid. It blocks the noise cancellation around you
3:43:20 PM Carolyn Odio: Do you need certain things in your hearing aids in order to? Connect with this conference microphone. So when you buy your next pair of hearing aids you have stuff you need to ask for.
3:43:34 PM Dan Scarfe: Nope. I mean, I guess the first thing is none of this is anything to do with your hearing aid. So this is all completely from that.
3:43:38 PM Ernest Tachauer: can it be used with the cochlear?
3:43:39 PM Carolyn Odio: Okay.
3:43:41 PM Dan Scarfe: This is just, you know the app and the glasses effectively and now x-ray stream would be you know provided by The conference company or it would be provided by the airports or it'd be provided by the train station. So, you know, they will have deployed this technology so that when you walk
3:43:59 PM Jonathan Ozek: If Carol needs help, I will be happy to help. She is another member of HLAA Boston
3:44:00 PM Dan Scarfe: in it just works and x-ray stream funnily enough is kind of a competitor to oracast. But the advantage of our technology is you don't need any proprietary hardware and you know, the the conference company just needs a phone or a laptop and you walking into the venue just need your phone and you can connect to the stream. You don't need any different Hardware at all.
3:44:29 PM Carolyn Odio: Thank you.
3:44:31 PM Dan Scarfe: No problem.
3:44:31 PM Teresa Gonzalez: Thank You Caroline now we go to the chat box and there are quite a few let's start with L Sinclair. How can people with Cochlear implants modify the frame behind their ear
3:44:45 PM Dan Scarfe: So you shouldn't need to and so I get depending on which glasses you choose but these these X rails work absolutely fine with copter implant. I mean, it does have the wire that you just have to be a little bit careful getting it on and off but it works fine with these new wire free ones. Obviously though they know issue at all.
3:45:08 PM Teresa Gonzalez: Thank you. Ella asked are the Alaskan Native American languages included in the translation?

3:45:15 PM Dan Scarfe: That is a wonderful question. Let me go and have a look. I don't believe they are again if you just go into the app, you can just search and check but that's No, I don't believe they are unfortunately. So I'm we are unfortunately beholden to our transcription Partners. So, you know, it has to either one of Amazon or Microsoft or deep gram or the offline models has to support a particular language for us to be able to support it and there are certain languages and dialects that they don't and it looks like that's one of them unfortunately.

3:46:00 PM Teresa Gonzalez: Thank you. John asked I have three questions price is there trial period and can they be worn over prescription classes?

3:46:12 PM Dan Scarfe: Yep. I mean the first thing is there's obviously two parts to this.

3:46:14 PM L Sinclair: Does the transcript feed to the left or right lense or is it customizable? (I don't see out my right eye)

3:46:15 PM Dan Scarfe: There are the glasses and the app which together create the experience. So the app right now as I mentioned is free at some point. We will start charging for it. But right now is completely free the glasses again depending on which one you're talking about if you wanted to go for these ones which are the easiest to get these are Available from Amazon or next day delivery and Amazon have a wonderful returns policy.

3:46:40 PM Dan Scarfe: So if you don't like it, you just send them back.

3:46:45 PM Teresa Gonzalez: Thank you. Christopher asked what if you wear RX

3:46:48 PM Jon Taylor: Teresa, can I just I had

3:46:49 PM Teresa Gonzalez: glasses?

3:46:53 PM Dan Scarfe: Also, don't you ask a question

3:46:54 PM Teresa Gonzalez: Christopher

3:46:54 PM Dan Scarfe: thereof?

3:46:58 PM Teresa Gonzalez: I'm sorry.

3:46:59 PM Dan Scarfe: I thought Jon was trying to jump in with a question there, but

3:47:02 PM Jon Taylor: Yes, I had.

3:47:02 PM Teresa Gonzalez: Yeah, that could be a repeat.

3:47:04 PM Jon Taylor: Yeah, I mean, I I'm sorry about those original questions. It was based on not understanding that you were just offering the app. But how does the app how do you get the app and the ER AI glasses to coordinate? How do you how do you connect them?

3:47:19 PM Dan Scarfe: So what happens is when you get it depends which phone you have. So, you know, these these particular glasses, you can only plug natively into certain Android phones. If you don't have one of those or you have an Apple phone for instance, then you can use one of these which is like a little cheap unit effectively. So these two come as a pair so you would just install the X-ray app onto this thing instead and then, you know, then Powers the glasses.

3:47:57 PM Dan Scarfe: So again, it's it's slightly lumpy at the moment, which is why again on these new ones. It's just gonna come software pre-installed presser button go and it's nice and simple, but for now you have to again get the app and either put it on your phone or the beam and then it you know just goes into a different mode effectively when it detects that the glasses are connected and it will then work on the glasses and the phone at the same time.

3:48:26 PM Teresa Gonzalez: Thank you, Chris. Does that also answer your question?

3:48:33 PM Christopher Baker: No, we're asking. What do you do if you have prescription glasses because you wear these glasses

3:48:38 PM Dan Scarfe: So so no, you can't wear them over glasses. So either if you wear contacts you can use contacts or you just get prescription inserts for the glasses. So there's just like another little lens effectively that Clips in if one here that I can. show you you just you just order a prescription insert for effectively and then you can then use them whatever instead of your glasses actually.

3:49:13 PM Teresa Gonzalez: Thank you. Uh, Jonathan wants to know are the glasses chargeable.

3:49:21 PM Dan Scarfe: So again different answer for different glasses with these particular glasses. They have no battery built into them. So there is nothing to charge. So in that instance you charge this thing. This is the thing that has the battery in it. And how is it and with these

glasses then? Yes, you charge the glasses because these particular glasses have a battery in a processor built into them.

3:49:49 PM Teresa Gonzalez: Okay. Thank you. Paula. Did put the link to the X Rai website.

3:49:57 PM Dan Scarfe: It's x-ray Teresa x-ray.

3:50:00 PM Teresa Gonzalez: On x-ray, sorry X. Yeah, and she put it if you look in your chat box guys, the link is there if you want to copy that just copy and paste it or you can just write it down. Um, and then I go again to see Jonathan made a comment. I don't think it doesn't shut off the hearing aid. It blocks the noise cancellation around you. Ernest Ernesto says can it be used with the cochlear? And I think you answered that right or no?

3:50:34 PM Dan Scarfe: It you can use the glasses if you wear a Cochlear. It doesn't interfere with the cochlear and you can't use the cochlear as a microphone into the app or anything like that because you know, you can only send audio to hearing aids and cochlear as you can't go back the other way. But other than that it works fine. Yes.

3:50:56 PM Teresa Gonzalez: Thank you. And then and then Jonathan said of Carol needs some help he would be happy to help you Carol you both are

3:51:05 PM Carol Agate: Thank you. Jonathan. Good see you again.

3:51:06 PM Teresa Gonzalez: remember. Okay your members of the same chapter.

3:51:12 PM Carol Agate: Yep.

3:51:13 PM Teresa Gonzalez: Al Sinclair and I'll get to the people raising their hands says does the transcript feed to the left or right lens or is it customizable? I don't get out of my right eye.

3:51:25 PM Dan Scarfe: both so both like the way these augmented reality glasses work is they put an image onto to both of your eyes, obviously, you won't see the 3d effect, but it will work just as well.

3:51:42 PM Teresa Gonzalez: Thank you. I thought I saw some hands raised now. I don't see them. So are there any other questions?

3:51:51 PM Dan Scarfe: I think Louise I'm Jonathan.

3:51:52 PM Teresa Gonzalez: For Dan. Oh, please Louise has her hand up. Go ahead Louise.

3:51:58 PM Ella Hurrell: Battery life of glasses showing cc?

3:51:59 PM Dan Scarfe: Or you're a mute.

3:52:00 PM Teresa Gonzalez: You're muted. you'll have to untap your microphone.

3:52:17 PM Christopher Baker: Louise you're muted and your hands to

3:52:19 PM Louise B Tipton: And okay.

3:52:20 PM Christopher Baker: rest.

3:52:20 PM Teresa Gonzalez: Here we go.

3:52:21 PM Dan Scarfe: Okay.

3:52:23 PM Louise B Tipton: This may be a dumb question. But my understanding is that there are no dumb questions.

3:52:31 PM Dan Scarfe: No.

3:52:32 PM Teresa Gonzalez: That's right.

3:52:34 PM Louise B Tipton: this this is visual rather than auditory

3:52:41 PM Dan Scarfe: Oh.

3:52:42 PM Louise B Tipton: Is that correct?

3:52:43 PM Dan Scarfe: Yeah, absolutely. Yep. So I mean I can show you a quick demo again.

Let me just get the glasses plugged in and I'll show you so again these are these are the glasses you'd wear. He's a one particular kind just because these are the easiest ones to show you. Let me see if I can get these going again. But yes, it is. It's absolutely you know visual.

3:53:09 PM Dan Scarfe: There are TVs inside here that are you know, creating text that you are that you're reading and we just get this going again.

3:53:19 PM Teresa Gonzalez: Now I know why you say science fiction.

3:53:22 PM Dan Scarfe: yeah, well, I mean it kind of it's times but it's kind of crazy but

3:53:28 PM Teresa Gonzalez: Contest look like that.

3:53:30 PM Dan Scarfe: Here we go. So again, I'll just pop these glasses Behind The Wire. So it's just not a good demo. and one problem with these glasses and the reason these particular ones are no good for people with Cochlear implants is because they have a magnetic wire

attachment which has a tendency to come out so Try again. So yeah, I'll put the text up there and you can see so this is literally what you would see wearing the glasses.

3:54:10 PM Dan Scarfe: So, you know, it's literally overlaying the text right over the top of me. And again, these lenses are dirty. It's not because you can't see through them properly. It's because they feel Let me clean them.

3:54:24 PM Teresa Gonzalez: awesome

3:54:24 PM Dan Scarfe: Does that answer your question Louise?

3:54:27 PM Teresa Gonzalez: Now we have just two more I believe. Oh, let's see Jonathan. Did you? Have a question. You have your hand up.

3:54:38 PM Jonathan Ozek: Yes. Yes, I do. Um, let me just lower my hand. Okay, there we go. Um Dan, is there is there any do you have a email that I can get in touch with you?

3:54:53 PM Dan Scarfe: Yeah, yeah, if you just go to our website, there's a contact form on there just send you details through and yeah, I'll pick up on that.

3:55:02 PM Jonathan Ozek: Okay, awesome. Thank you.

3:55:06 PM Teresa Gonzalez: and Carol

3:55:07 PM Carol Agate: What do I put into Amazon in order to get these classes?

3:55:12 PM Dan Scarfe: if you go

3:55:12 PM Carol Agate: But what would be called?

3:55:14 PM Dan Scarfe: the best ways if you go to our website and let me show you so you go to

3:55:19 PM Carol Agate: Oh.

3:55:21 PM Dan Scarfe: when

3:55:22 PM Carol Agate: And that's what xrai.com.

3:55:26 PM Dan Scarfe: dark glass

3:55:28 PM Carol Agate: Oh.

3:55:29 PM Dan Scarfe: we tried to get xrai.com, but unfortunately somebody already had that right. Let's go to Okay. He's going to xrai got glass and then you just put on glasses at the top. And then you'll see all the various different ones that we support. But the one we recommend is this one at the top part.

3:55:55 PM Carol Agate: I'm sorry, you're talking too fast for me. And the and the captions are not

3:56:03 PM Dan Scarfe: No problem.

3:56:04 PM Carol Agate: getting it XOXO x-ray. I got you glass.

3:56:06 PM Dan Scarfe: dot yeah

3:56:10 PM Carol Agate: Oh, okay. Got glass dot com

3:56:18 PM Dan Scarfe: No, not.com just x-ray glass.

3:56:23 PM Dan Scarfe: <https://xrai.glass>

3:56:23 PM Carol Agate: x-ray got glass.com. Oh

3:56:27 PM Christopher Baker: There are no Cobb.

3:56:28 PM Carol Agate: now get

3:56:30 PM Teresa Gonzalez: Hey, Carol.

3:56:31 PM Carol Agate: Oh.

3:56:32 PM Teresa Gonzalez: It's in our chat box, too if you're able to see our chat box.

3:56:36 PM Carol Agate: okay. Thanks.

3:56:38 PM Teresa Gonzalez: You're welcome. Any other questions?

3:56:40 PM Carol Agate: Yeah.

3:56:42 PM Teresa Gonzalez: We got about four minutes left if anyone has any other questions. Oh Ella you have your hand raised.

3:56:50 PM Ella Hurrell: I just had that question in the chat box about the battery life of the glasses.

3:56:56 PM Dan Scarfe: Yep. So again, it depends which glasses were talking about. But the this device plus the the X reels like these two together is about five to six hours. Probably something like that these ones about an hour. And then you can plug a battery pack into these and then they'll run all day.

3:57:24 PM Teresa Gonzalez: Thank you. Paula
3:57:27 PM Paula Sutton: Yeah. Ella did you say Paula or Ella?
3:57:31 PM Teresa Gonzalez: Oh, no, I'm calling on you now. Thank you, Ella, Paula.
3:57:38 PM Paula Sutton: Okay, um, I purchased some. X real x r e a l glasses on Amazon there were several hundred dollars and I haven't actually Used them for subtitles yet. That's it happens soon, but this cord connects here and then it connects to my cell phone and then there's two apps that X-Ray app and then there's another app nabula that connects with this particular brand. Of glass and then so this goes into my cell phone.
3:58:19 PM Paula Sutton: Does that mean that my cell phone is charging this?
3:58:23 PM Jonathan Ozek: I went onto Microsoft Store on my laptop to download XRAI Glass and nothing was showing
3:58:25 PM Paula Sutton: Set of glasses.
3:58:26 PM Dan Scarfe: Yeah, I mean it's not charging it as such because there's no battery in it, but it's powering it. Yes, so
3:58:33 PM Paula Sutton: Okay. All right.
3:58:35 PM Christopher Baker: Alright, so that's Here.
3:58:36 PM Dan Scarfe: What what phone do you have?
3:58:36 PM Paula Sutton: So that's new technology insighted about.
3:58:39 PM Dan Scarfe: What phone do you have?
3:58:40 PM Paula Sutton: that's I have an Android.
3:58:43 PM Dan Scarfe: What kind of Android?
3:58:44 PM Paula Sutton: Oh, it's a is it the S21 or something that came out about a year ago?
3:58:49 PM Dan Scarfe: Okay. Perfect. Perfect. So yeah, one of the other again challenges right now is there right are compatibility problems between the glasses and phones so you have to make sure that you have a phone that is compatible. But you have on Paula so you're lucky and again, if if you don't you don't have a compatible phone you just need one of these things instead or like
3:59:08 PM Paula Sutton: Okay and add on.
3:59:11 PM Dan Scarfe: us.
3:59:12 PM Paula Sutton: Thank you.
3:59:13 PM Teresa Gonzalez: That made me think of something. I want to piggyback off of what Paula said. Dan is it possible to do this with Bluetooth? Because a lot of us have Bluetooth in our hearing aids and I believe some people have it in their Cochlear implants.
3:59:30 PM Dan Scarfe: Yeah, so I mean again these new glasses kind of do use Bluetooth. I mean they don't they use something slightly different but yes, they are they are wire free. Now again, everybody everybody wants Wireless, of course, but the trade-off is of course either the glass is a very heavy because they've got big batteries in them. And also they're not as capable because there is a lot more processor or there's a lot more processing capability on your phone then on the chips inside the glasses. So yes, there are Wireless glasses. Yes, they work great.
4:00:10 PM Dan Scarfe: But you know don't automatically assume Wireless means better because you know Wireless means less power and more weight. So as I said this whole Space is a series of trade-offs at the moment, there is no perfect device.
4:00:29 PM Teresa Gonzalez: Okay, thank you. One last comment here. Jonathan said that he went into the Microsoft store on his laptop and to download the xrai glass, but nothing was showing.
4:00:43 PM Dan Scarfe: That's not released. Just yet. You have to bear with us for a couple more weeks. But yes, it is coming.
4:00:47 PM Teresa Gonzalez: Oh, okay. Okay a couple more weeks. Okay. Okay, cool. All right any other questions? I don't see any more in a chat box.
4:00:57 PM Carol Agate: Well, yeah. Yes, I do. Propose that I do. What is this is everything is delayed
4:01:03 PM Ella Hurrell: cost?
4:01:06 PM Carol Agate: and when I move it straight. and what is

4:01:12 PM Dan Scarfe: I think you need some new Wi-Fi Carol. Your internet is very fast.

4:01:16 PM Carol Agate: well I mean, I guess it's a difference between lead and and the zoom but did

4:01:20 PM Teresa Gonzalez: hahaha

4:01:25 PM Carol Agate: you just say that? You don't have it on your website yet what to put into Amazon in order to see the glasses?

4:01:34 PM Dan Scarfe: No, no, the the windows version is

4:01:35 PM Carol Agate: but it

4:01:37 PM Dan Scarfe: not available to download just yet. but the the glass the link

4:01:42 PM Carol Agate: So I say the window version, okay. All right, the window version is the one that you have something flipping down over the top.

4:01:53 PM Dan Scarfe: no, no the windows as in the laptop version.

4:01:58 PM Christopher Baker: the computer version computer version

4:01:58 PM Dan Scarfe: the versions of

4:01:59 PM Teresa Gonzalez: Windows operating system

4:01:59 PM Carol Agate: Oh, all right.

4:02:01 PM Christopher Baker: Microsoft

4:02:01 PM Carol Agate: Never mind.

4:02:03 PM Teresa Gonzalez: Yeah. Ah, let's see Carolyn.

4:02:10 PM Jonathan Ozek: Window 11 is what i HAVE

4:02:10 PM Paula Sutton: you made it.

4:02:10 PM Teresa Gonzalez: Are you muted you muted?

4:02:10 PM Christopher Baker: your beauty

4:02:14 PM Carolyn Odio: yeah, I just have the question there taken off of Amazon that are coming Amazon and if so about when

4:02:28 PM Dan Scarfe: the take this I think you drops for a second there you say that they they're taking off Amazon.

4:02:34 PM Carolyn Odio: You said that they are not on Amazon for sale, correct?

4:02:41 PM Dan Scarfe: No, no, they're on Amazon. They're available now.

4:02:44 PM Carolyn Odio: Oh, do you have the Amazon link where I can because I put in a search term and it didn't work. So if you can put the Amazon link.

4:02:53 PM Dan Scarfe: Yeah.

4:02:53 PM Dan Scarfe: <https://amzn.to/3OICkj2>

4:02:57 PM Dan Scarfe: Was putting in the chat.

4:02:57 PM Carolyn Odio: On chat, that would be helpful.

4:02:59 PM Teresa Gonzalez: Yep.

4:03:00 PM Dan Scarfe: so that

4:03:00 PM Carol Agate: Or just what the search term.

4:03:03 PM Dan Scarfe: yeah, I've just put the link into the into the chat so you can just click on that and that is the one that comes with this. So this is if you've got an iPhone or an incompatible phone then you need the two together.

4:03:18 PM Teresa Gonzalez: If anyone wants a transcript of this meeting, please provide us your email in the chat box. I see there's a couple of people that do want that. So let us know and we will be happy

4:03:30 PM Carol Agate: Yeah.

4:03:31 PM Teresa Gonzalez: to send that to you. But we will need your email address in order to do so.

4:03:36 PM Jonathan Ozek: jonathan.ozek@outlook.com

4:03:40 PM Teresa Gonzalez: Thank you. Thank you. Thank you. All right. Well, we've run out of time and on behalf of our chapter.

4:03:49 PM Carolyn Odio: Please send text carolyn@odio.com

4:03:50 PM Teresa Gonzalez: We are so grateful that you took time to speak with us to explain how this

4:03:54 PM Louise B Tipton: loutipton@aol.com

4:03:55 PM Teresa Gonzalez: works and what it looks like and you demonstrated it for us.

4:03:58 PM Jonathan Ozek: THANK YOU!!!!

4:03:58 PM Teresa Gonzalez: So we really really appreciate this. What we will do to show our

4:04:03 PM Carol Agate: carolagate34@gmail.com

4:04:04 PM Teresa Gonzalez: appreciation. We will be sending you Dan in the mail. We usually do this for our speakers. We we send a certificate of appreciation and then we also send you a little token of our appreciation in the mail. So I expect that in the coming week.

4:04:18 PM Nancy H: Okay.

4:04:19 PM Teresa Gonzalez: And with that I want to thank everyone for coming to this presentation.