

# Tech Planning (2023-08-18 09:37 GMT-7) - Transcript

## Attendees

Christopher Knight, Culley Bunker, Culley Bunker's Presentation, Jack Horrocks

## Transcript

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**Culley Bunker:** Of the closed captioning as well. Hello everybody. This is recording. Just in case there's a legal issue.

**Christopher Knight:** Go. All right.

**Culley Bunker:** Anybody needs to know, please, give your consent.

**Christopher Knight:** And I try not to misbehave.

**Culley Bunker:** God.

**Jack Horrocks:** But Forward-looking statement as well, anything discussed.

**Culley Bunker:** Yeah. What is a safe harbor? We're gonna have a safe harbor statement.

**Jack Horrocks:** Yeah.

**Culley Bunker:** Anything discussed or may not be released in the future. You may or not talk about Anybody outside this group and if you do, we're gonna have to cut your nipples off of crap.

**Culley Bunker:** That's the safe harbor. It's the new rules. They just wrote them. I don't know if they're ratified.

**Christopher Knight:** Okay, so who's running the meeting?

**Culley Bunker:** I'm in the

**Christopher Knight:** Are we starting with you call here?

**Culley Bunker:** I think Jack called this meeting. There you...

**Jack Horrocks:** Yeah, I did.

**Christopher Knight:** Then Jack's running it.

**Culley Bunker:** Jack. Yeah.

**Jack Horrocks:** so, Basically, we've got to work out. Our way forward now that we've got switching and storage and Bits. But we're going to work out how we move it into production.

**Jack Horrocks:** For. Active Directory is first goal. And Teradata.

**Culley Bunker:** Does that mean individual users?

**Jack Horrocks:** Individual users. Because I think a lot of the problems we're running into now and what we're going to be running into in the future is that everything is getting so secure and If people don't have individual users, things just break in weird and wonderful ways.

**Christopher Knight:** Yeah, we're running into a lot. We're even, just like Nuke has nothing to do. My code Nuke itself, is unable to update, its recents file, because somebody with the same user.

**Jack Horrocks:** Yeah.

**Christopher Knight:** Modified it. That's at least what we're assuming. It doesn't make much sense, but it's happening across the board, particularly with Windows 11, although I have seen it in Windows 10.

**Jack Horrocks:** Yeah, that's the other thing, right? Is that Windows 11 is more up to date and there's still machines that I'm on the latest build of Windows 10. And each build is just getting more and...

**Culley Bunker:** .

**Jack Horrocks:** more harsh.

**Culley Bunker:** I can. Look at the computers that are those 10 right now and make a list.

**Jack Horrocks:** I can get the list straight out of PDQ. That's enough.

**Culley Bunker:** Line, I already have it right now.

**Jack Horrocks:** Cool. Yeah.

**Christopher Knight:** Yeah, so realistically, they should all have the exact same image with, maybe if there's differences in the hardware that should be adjusted. But graphics drivers.

**Jack Horrocks:** Yeah, that's it. Yeah.

**Culley Bunker:** Okay, tell me how to do that.

**Jack Horrocks:** First thing, okay.

**Jack Horrocks:** For that side of it, we've got to get Pdq finished and then we can roll out and test that build and then we can use that as a gold build for every machine. Now. Obviously,...

**Christopher Knight:** Now.

**Jack Horrocks:** we've got to start with one machine and then roll out full machines and then we can black everyone. But we don't want to black everyone at the same time until

**Culley Bunker:** Right, we take...

**Christopher Knight:** Yeah.

**Christopher Knight:** Serenity. Also,...

**Culley Bunker:** Omega same.

**Christopher Knight:** I've just continued to use Alpha since we didn't have the ad set up.

**Culley Bunker:** Serenity is a new build and it's actually doing renders and stuff. Omega's been giving me issues and it's not on Windows 11, so at least on Windows 11.

**Christopher Knight:** Okay.

**Jack Horrocks:** Okay. Yeah. Okay, that'd be good.

**Jack Horrocks:** And I can.

**Culley Bunker:** I also need to tell the guys, if they have anything on their desktop, they need to save it somewhere else because that's gonna get blown away eventually...

**Jack Horrocks:** that's,

**Culley Bunker:** because I assume you want to redo all these machines after we get the Okay.

**Jack Horrocks:** Yes, it has to be everything because

**Culley Bunker:** I need to identify some of the computers that have only 250 or 500 gig hard drives because we will overload them.

**Jack Horrocks:** I can do a search for that. That's easy enough to do.

**Culley Bunker:** Can literally do it in deadline as well.

**Jack Horrocks:** Yeah, yeah, deadline as And then the next step of that once we've got a Dr. And everything. Then we've got a I move all the storage so that everyone's in. So, once we've set up users and groups and all of the security stuff under AD, then we can blow away the storage pools. And take them. So that they all of our file permissions is set correctly as well.

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**Culley Bunker:** Okay.

**Jack Horrocks:** But that's later on because at the moment we can fudge it by just leaving it open for the better word. That's how we've been working up till now and That's sort of once we've got users on each machine, then we can start putting in place. All of those controls.

**Christopher Knight:** And we give somebody or a particular machine, I'm thinking one of the virtual machines elevated permissions or it could blow away things even if they're locked, right? We could do that.

**Jack Horrocks:** Once we've got proper admin in there, we can go in and blow stuff away. so, we will have proper admin accounts that are not our day-to-day accounts, so we'll have day-to-day accounts,...

**Christopher Knight:** Yeah.

**Jack Horrocks:** which gives you enough power to do what you need to do for your job and then we'll have admin accounts which give us God.

**Christopher Knight:** So I think the event handler needs to be running with you...

**Jack Horrocks:** Rights.

**Christopher Knight:** God mode on because

**Jack Horrocks:** It will run,...

**Christopher Knight:** yeah.

**Jack Horrocks:** it will have enough permissions to do what it needs to. The God accounts are for when we want to go in and we just want to blow something away.

**Christopher Knight:** Okay.

**Jack Horrocks:** All of these services and things like that, have to run their level. because if you give them more rights and someone gets access to that box for some reason, Then.

**Christopher Knight:** Gotcha.

**Jack Horrocks:** that's a problem.

**Christopher Knight:** yeah, there's just the

**Culley Bunker:** Very good. I got distracted but I got to move back to, I guess it's users and permissions and they'll be a low level user for rendering and...

**Jack Horrocks:** Yeah.

**Culley Bunker:** the event handler and if that's possible. How does that work? an administrative you use her on the bottom of something? So, if we got a user, Logged in their regular user and they don't have access to everything but deadlines running and they're not doing anything.

**Culley Bunker:** Deadline needs to be able to renders. So I think what we have to do.

**Jack Horrocks:** All right. Yeah, definitely.

**Culley Bunker:** You can install as a service as far as I know.

**Jack Horrocks:** All of anything that's not attached to a user has to run as a service.

**Culley Bunker:** can the event handler run as a service?

**Jack Horrocks:** The event handler runs on its own VM.

**Culley Bunker:** But it runs deadlines. So the deadline is What? Okay, I'm sorry, I'm getting two in the weeds that I don't understand. If you guys do that's great. I just know that as you said in the background things have to run as administrator as a service.

**Christopher Knight:** Yeah. Or just some things with lower level permissions.

**Jack Horrocks:** and

**Culley Bunker:** higher level permissions, honestly.

**Christopher Knight:** But yeah, whatever you get the idea.

**Jack Horrocks:** Yeah, yeah. it runs

**Culley Bunker:** But it also be aware when somebody's on the computer, because if they can't access deadline to shut it off because that's what they do right now. They see the window they kill it when they're working.

**Jack Horrocks:** Yeah, they get that. But what this stops right is at the moment. everyone has to be logged in, so, Whereas deadline is a service. Put me spins up.

**Culley Bunker:** Okay,...

**Jack Horrocks:** When the machine spins up.

**Culley Bunker:** got it.

**Jack Horrocks:** Yeah.

**Culley Bunker:** Never tried it for some reason, I don't know why.

**Jack Horrocks:** and then we've got

**Culley Bunker:** Sorry, let me go back to The service I thought rain in the background. You wouldn't even see the deadline worker window.

**Jack Horrocks:** Yeah, it doesn't get popped. the work,...

**Culley Bunker:** So that's

**Christopher Knight:** What?

**Jack Horrocks:** only gets popped when the user logs in

**Culley Bunker:** Okay, yeah,...

**Christopher Knight:** Whatever experienced in the past is there's a general render user.

**Culley Bunker:** I get that. But

**Christopher Knight:** So the artist it is their obligation when they go home to log out and log into render and then that,...

**Culley Bunker:** I think we have deadline that can detect and...

**Christopher Knight:** rendered

**Culley Bunker:** I don't know how it works as a service, it can detect somebody logging in and...

**Jack Horrocks:** Here. Yes. Yeah.

**Culley Bunker:** mouse movement and as soon as mouse movement, Goes away from more than 30 minutes, it will pop up in the background. Whether it uses a login or...

**Jack Horrocks:** You can.

**Culley Bunker:** not, and vice versa, when he moves the mouse again. that's the way I'd like to set it up.

**Jack Horrocks:** Yeah, and...

**Christopher Knight:** Okay.

**Jack Horrocks:** we can set that time limit, right?

**Culley Bunker:** 30 minutes is a good time because if they're not bad,...

**Jack Horrocks:** Yeah.

**Culley Bunker:** you're not pooping or back from lunch, they deserve to get a render going. lunch history.

**Jack Horrocks:** Yeah.

**Christopher Knight:** Security wise. We're also going to have to cut the Internet and that will reduce a lot of what I'm doing. with my code.

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**Jack Horrocks:** we can okay cutting the Internet doesn't mean that you have to cut everything because we would lose our Adobe licensing. yeah, yeah.

**Christopher Knight:** yeah. You have to whitelist certain things.

**Culley Bunker:** you can't cut everything. You can't just be cut off anymore.

**Jack Horrocks:** Yeah, so we've got a whitelist reverse property.

**Culley Bunker:** The biggest question I have about that and cutting everything off is. I kind of need Internet for everything that I do but I guess it becomes a security issue. So you guys tell that works plus io boxes,...

**Jack Horrocks:** Your?

**Culley Bunker:** Do we really isolate a f\*\*\*\*\* I know when I was over at Allen's and...

**Jack Horrocks:** Okay.

**Jack Horrocks:** Yeah.

**Culley Bunker:** when he was lock down. You had a f\*\* Mac here and you had a Mac here and this was on the Internet and this one wasn't and you had to download it here physically, move it over and do this. We're a small shop.

**Jack Horrocks:** Yes. Yeah,...

**Culley Bunker:** I don't have a f\*\*\*\*\* guy for that. There's no f\*\*\*\*\* way.

**Jack Horrocks:** you got to have we will have a virtual machine that basically does that but you basically end up having to have

**Culley Bunker:** But still looking both parts of the Internet. It's touching the in the inside if there's no air gap. So if you have to air gap, that's a huge problem.

**Jack Horrocks:** Yes, you dump it.

**Christopher Knight:** What we did?

**Jack Horrocks:** So you've got two folders, And that's the air gap. And you can push it one way or...

**Culley Bunker:** Okay.

**Jack Horrocks:** you can push it one way. You can't go both ways.

**Christopher Knight:** Yeah, we did a ghost, is We had a protocol where when they were downloading things that connect to the Internet and that would shut off their connection to production and they'd bring everything onto their machine into a raid or...

**Culley Bunker:** The holding area.

**Christopher Knight:** something like that. Everything would go into there and then all of the scripts like the ingest, buddy, and all that s\*\*\* that I've been writing For you guys would run on these machines exclusively. So all that stuff will come down. Then they would connect to production, which would cut their Internet and then they would be able to move stuff. That's how we did it goes.

**Culley Bunker:** I like it. Let's Jack something to suggest that would be better or

**Jack Horrocks:** it's exactly the same way, right?

**Jack Horrocks:** It's only one way on those IO boxes. You set it up so that they can only go one way. They can't go both ways.

**Culley Bunker:** at one time, they can go both ways,...

**Jack Horrocks:** Yeah.

**Culley Bunker:** it both ways, but not at the same time, Now.

**Jack Horrocks:** Yeah.

**Culley Bunker:** I guess we just build a small VM with a four terabyte drive and that's the o box. As soon as it's empty it gets deleted, I guess.

**Christopher Knight:** It also might be worth giving it some juice and having it have Nuke studio run because that's what they're using for editorial.

**Christopher Knight:** so the stuff comes in, it gets loaded into the timeline and then from there injected into the pipeline,

**Jack Horrocks:** Yeah.

**Culley Bunker:** But I'm confused So great. Completely.

**Christopher Knight:** so it's a way to reduce the hardware. Is you editorial on the same IO box.

**Culley Bunker:** Okay, so any box can be that's the decided i/o box.

**Christopher Knight:** Yeah, so right now we do editorial can be done from anywhere but ideally that's not the case, right? it's a dedicated. This is...

**Jack Horrocks:** Yeah. Yeah.

**Christopher Knight:** where I know happens. And then me, Matt and JC, would kind of share the load on that while we get it up and running. I'll write the tools and...

**Culley Bunker:** Right? Sorry,...

**Christopher Knight:** JC and

**Culley Bunker:** I don't know That's not quite how it works right now, it's got to be dumped. So the data comes in and gets dumped on the server and then the IO guy goes at it. So, there's got to be a staging dump. I just don't see it going into the editorial, and then going out very easily because sometimes it won't be needed to be an editorial. Or it needs to go into flame, which isn't the same box.

**Christopher Knight:** I'm not quite sure what the flame does in that case because you're just using it, you flame as editorial, right? Okay.

**Culley Bunker:** Yes.

**Jack Horrocks:** then it'll come into a dumping ground to start with, which will be Then it gets copied inside the server.

**Culley Bunker:** And then as the server afterwards,

**Jack Horrocks:** To where it's got to go.

**Culley Bunker:** Right. Christopher, you were thinking gets dumped to the editorial and then get some sent to the server.



**Christopher Knight:** So, the reason so that adds an extra layer, So it comes into a dumping ground. it's a very fast, hard drive, everything goes in there. Then that machine gets disconnected from the Internet reconnects to the server, then everything gets moved on the server. Ideally

**Jack Horrocks:** At night, everything will go To the server. And then I'll put away.

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**Culley Bunker:** But then you don't have a connection from production.

**Jack Horrocks:** 9. it sounds like before you had a driver attached to the machine. To be the dumping ground. And then yeah.

**Christopher Knight:** That's what we did yet.

**Jack Horrocks:** So what we will do is we will go directly to the storage.

**Culley Bunker:** Yeah, but that means the in the Internet can get to the storage. So Technically, that's not a air gap at that point.

**Jack Horrocks:** No, it's an air gap because you can only copy there. You cannot.

**Culley Bunker:** Okay, I don't pay it.

**Jack Horrocks:** Can't take.

**Culley Bunker:** That's here to me. I love it. I've read.

**Christopher Knight:** Okay. Yeah,...

**Christopher Knight:** that also let's editorial happen anywhere. So

**Culley Bunker:** That I Yeah.

**Jack Horrocks:** Yeah. Yeah.

**Culley Bunker:** I love it if that keeps us legal with the security, guys, I'd much rather it to do one jump into jump.

**Christopher Knight:** Yeah, I actually would prefer to get rid of all of this s\*\*\*. So,

**Jack Horrocks:** Yeah, look, we all agree at it, but They stand the right...

**Culley Bunker:** So, you're saying no box. I connect and...

**Jack Horrocks:** who with the mouse and you.

**Culley Bunker:** when I'm connected to the Internet, it only comes down.

**Jack Horrocks:** Yeah.

**Culley Bunker:** And then it goes down into the server and then I disconnect from the Internet and then I only have my regular Internet connections which is shotgun, Autodesk everything in the f\*\*\*\*\* world that needs to connect to the Internet now for f\*\*\*\*\* licensing.

**Jack Horrocks:** Yeah.

**Culley Bunker:** Which we need to start making that list.

**Jack Horrocks:** That's and...

**Christopher Knight:** That's also never changing list.

**Jack Horrocks:** that's another thing. Yeah, it's a\*\* nightmare, it's hours upon hours And Adobe or someone comes out and says, yeah, you got two days to engineer everything.

**Culley Bunker:** I hate.

**Christopher Knight:** The bad ones chakra. Shock grade stores.

**Jack Horrocks:** Yeah.

**Christopher Knight:** It's Previews at different IP addresses. So if you don't have them all whitelisted and...

**Jack Horrocks:** Yeah.

**Christopher Knight:** keep up with it. All of a sudden, your thumbnail previews will randomly drop off.

**Jack Horrocks:** Yeah. Yeah, I've been on the other end of that one. and I planted it on to

**Jack Horrocks:** To short grid slash shotgun slash all of them and they all went, we don't know what do you mean you're not on the Internet?

**Christopher Knight:** And they're literally all like that tracks, the same way.

**Jack Horrocks:** Yeah, they're all the same. you just don't get away from it. the other thing is teradici. moving everyone across to that. so that they're attached to AD as well so that we can turn people on and off really easily.

**Culley Bunker:** So Okay,...

**Jack Horrocks:** From.

**Culley Bunker:** so At this point. And then Chris Christopher's needs a powerful box for his event, handler sounded like it was running out of memory and Jack increased. The memory on it, as it is.

**Christopher Knight:** That has happened. There's also some reconfiguring I'm doing. So, the load was a lot lighter, when I originally wrote everything. And then with these quick turnaround jobs, they're just kind of hitting all at once. So it's trying to do video conversions and I need to adjust such that it's sending those to the farm and individual machines do the video conversions. so, Yeah.

**Jack Horrocks:** Okay.

**Christopher Knight:** That's but it does need to be beefy because it does need to spin up a lot of sub processes. While it's doing things.

**Jack Horrocks:** Yeah, I just adopted to 64 gig around. Now, our two VM boxes have got 48 gigs each

**Christopher Knight:** that's,

**Jack Horrocks:** So we need to get some more ram, into them, to be able to move things like the event handler across to them.

**Culley Bunker:** Okay, I'll see I've got other boxes. I'll see if they have the same ram. Put that.

**Jack Horrocks:** Yeah.

**Christopher Knight:** good thing, you told me that I didn't realize that you had done that in the Event handler is not running at the moment.

**Culley Bunker:** Yeah, it's gonna see a lot of empty thumbnails here, buddy.

**Christopher Knight:** Yeah that's probably which means and there's a little bit of maintenance I got to do right now because none of this is figured out so it's kind of I don't want to do a whole rewrite.

**Jack Horrocks:** Okay.

**Jack Horrocks:** Yeah.

**Culley Bunker:** Do you have a way to have Buy somebody when it's down.

**Christopher Knight:** Without having to plan.

**Christopher Knight:** no, because it's down right? I can't do any notifying.

**Culley Bunker:** There's something that should be able to ping it to notify us because that's kind of a big deal.

**Christopher Knight:** We set up a different server somewhere else? Yeah. I...

**Jack Horrocks:** Yeah, it may be important by Chris,...

**Christopher Knight:** ideally, get this just

**Jack Horrocks:** just a port number. That should be open. I can work with you to work.

**Christopher Knight:** So it had to be a different service because this internally reaches out to chakra and not the other way around. It's not like web hooks or anything. This actually just checks constantly.

**Jack Horrocks:** there should be something, which I can see on that box, which will allow me To.

00:20:00

**Christopher Knight:** Yeah, yeah. a service that's constantly pinging it. And when it's not there flashes red somewhere in the office, I'll get a raspberry PI with going

**Jack Horrocks:** Yeah.

**Jack Horrocks:** Get it Claxton.

**Jack Horrocks:** To do. Monitoring that'll come with time.

**Culley Bunker:** Kim, really hoping to get her box working remotely. but,

**Jack Horrocks:** Yes. I'm gonna work on that With the switching.

**Culley Bunker:** What happened? Was working fun,...

**Jack Horrocks:** I don't know.

**Culley Bunker:** all of a sudden.

**Culley Bunker:** It doesn't work.

**Jack Horrocks:** yeah, I mean Flying.

**Christopher Knight:** Was a windows box flame.

**Culley Bunker:** It's a Linux.

**Jack Horrocks:** igb igs, Which is HP's remote teradici before teradici. And it's a bit flaky.

**Culley Bunker:** And solid for years doesn't,...

**Jack Horrocks:** Yeah.

**Culley Bunker:** it's weird. It's number one, users. Number two,

**Christopher Knight:** Security.

**Culley Bunker:** five again, another the file systems live The file?

**Jack Horrocks:** Software.

**Jack Horrocks:** Yeah, all right thing,...

**Culley Bunker:** What's it called?

**Jack Horrocks:** first thing using Yeah,...

**Culley Bunker:** Active Direct.

**Jack Horrocks:** Active Directory. Then we've got machine build. And yeah.

**Jack Horrocks:** Pdq so that we don't have to build the machines.

**Culley Bunker:** I'll miss that. I have been pretty consistent.

**Jack Horrocks:** You did well. To keep him that consistent. because,

**Christopher Knight:** I was trying to set up deadline for a personal project I'm doing at home last night and it's kind of a nightmare.

**Jack Horrocks:** Yeah. Don't get me it's been built for 2000, machine places. And

**Culley Bunker:** Yeah, I really miss that Jesus has gone because I wanted to get the remote rendering going and Fox renders easier. You just file in it.

**Jack Horrocks:** I,

**Christopher Knight:** it's

**Culley Bunker:** Finally your files uploads them and render some

**Christopher Knight:** it's also significantly cheaper.

**Jack Horrocks:** I

**Jack Horrocks:** Once we get it all together...

**Culley Bunker:** maybe.

**Jack Horrocks:** then we'll start looking once we get this base level together, then we can do the remote rendering stuff and go out and work out which one's the best because quite a few of them have just had billions of dollars given to them by nvidia.

**Christopher Knight:** Culley. Those thumbnails are going up right now.

**Culley Bunker:** Okay.

**Christopher Knight:** It'll take a little bit but they're on their way.

**Jack Horrocks:** Yeah, I'm the other thing we've got to think about is two-factor authentication for everyone.

**Culley Bunker:** When they get their own individual users, that's great.

**Jack Horrocks:** Yeah, but like what I mean by that is so anyone who's core like us three need to have actual USB key that you throw into the side of your machine,

**Culley Bunker:** On my phone somehow.

**Jack Horrocks:** No, it needs to be.

**Christopher Knight:** And yeah, I switch between stud a lot of different machines. I'm not gonna really be able to do that and my main PC, the usbs are all f\*\*\*\*\* up. So,

**Jack Horrocks:** Yeah, but

**Culley Bunker:** Is there what you turn off Temptation app that you can just? With an ear.

**Jack Horrocks:** Theories. but, For certain things. I want it to be really locked down. when you want to go in and...

**Culley Bunker:**

**Jack Horrocks:** delete a lot of s\*\*\* and Passwords at high level like this is for life godlike powers.

**Culley Bunker:** Fine.

**Jack Horrocks:** You want to have a hardware device?

**Culley Bunker:** Yeah, we'll just have to define...

**Culley Bunker:** what the God like hours me.

**Jack Horrocks:** That's not for Day-to-day use will be in APP on your phone.

**Culley Bunker:** Okay.

**Christopher Knight:** Yeah let's go. I mean the last place I worked, we went through all the security audits and pass them all and we didn't need to do that. But I think you want this for our security.

**Jack Horrocks:** Yes.

**Culley Bunker:** if we have backups,

**Jack Horrocks:** Yeah, but it's like this just allows us to put you be keys into things like Gmail into all of those sorts of things. What?

**Culley Bunker:** What we're living for guys? This is...

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**Christopher Knight:** What's that?

**Culley Bunker:** what we're living for.

**Jack Horrocks:** Yeah.

**Culley Bunker:** We're one of our models just thought I'd show...

**Christopher Knight:** The skin looks pretty waxy.

**Culley Bunker:** this is just the likeness and this is the first showing And this will go to our guy.

**Christopher Knight:** I was like that,...

**Jack Horrocks:** Okay.

**Christopher Knight:** that's easy.

**Culley Bunker:** This will go to our guys for skin and makeup. This is literally the model build,...

**Christopher Knight:** Okay.

**Culley Bunker:** it hasn't even gone past model. This is how good our modeler is just this. So then it gets into skin and texture and shading.

**Christopher Knight:** Yeah, Model looks pretty good. And the...

**Culley Bunker:** He's a really good. Groomer.

**Christopher Knight:** the hair looks great.

**Christopher Knight:** I can't stand it...

**Jack Horrocks:** Yeah.

**Christopher Knight:** because every grooming software, every single one of them is the buggiest piece of s\* software you've ever used.

**Jack Horrocks:** Yeah.

**Culley Bunker:** Here's the other angles.

**Jack Horrocks:** Right.

**Christopher Knight:** All right, let's get her singing and making us some money.

**Culley Bunker:** I know s\*\*\*.

**Jack Horrocks:** Yeah.

**Culley Bunker:** No. Yeah, her and our other What you call it popstar Spanish.

**Christopher Knight:** The Latin.

**Culley Bunker:** Because that'll be the day to day money. I hope. And then we got the big projects beside that. And we're talking to I can't Diane something huge songwriter, many hits. half a Whitney Houston stuff and she's very interested working with us with our pop and Spanish and maybe when she wants us to create. So,

**Jack Horrocks:** yeah. That's where the money is, right? Creating a true one.

**Culley Bunker:** That's what I'm saying. this is our side job which could be the big shows, those are money burners until they make money.

**Christopher Knight:** Yeah, because this is our IP.

**Christopher Knight:** We kind of own. If not all of it,...

**Culley Bunker:** Exactly. We own 50/50 with Sebastian,...

**Jack Horrocks:** Yes.

**Christopher Knight:** most of it.

**Culley Bunker:** who's creating the music and has all the music connections with them. With the industry. Yeah, it's kind of a 50/50 with everybody. Although the money people get apart, too. We're

**Christopher Knight:** And then I really like your idea of a tiktok campaign to spread the word.

**Culley Bunker:** Yeah, that's what we're gonna do. we're gonna find some influencers that are not influenced, but they know how to run tiktok and marketing campaigns and viral videos. And the music is what you want to get out there in the tiktok and make it become viral. Then everybody beats that little piece of music on their video. You get paid every time that piece of music comes on.

**Jack Horrocks:** Yeah.

**Culley Bunker:** he said that's how they're making money these days. And he's

**Christopher Knight:** Yeah, I wasn't sure how people made money because tiktok itself, there's no ad revenue or anything like that. But I've seen that you use this audio...

**Culley Bunker:** others.

**Christopher Knight:** because you could actually like jokes. if your child says something funny, you can copyright that audio when people make their own versions of their own tiktoks. You get it,...

**Jack Horrocks:** Yeah.

**Christopher Knight:** you get a cut.

**Culley Bunker:** like, Charlie, bit my finger and...

**Christopher Knight:** Yeah, that would have made a million dollars in the first week. So,

**Culley Bunker:** then If that one you

**Jack Horrocks:** yeah.

**Culley Bunker:** So it's an interesting\*\* business model, I feel like we're living in demolition, Times 10. You guys remember that? The jingles you can jingle?

**Christopher Knight:** Yeah, I still can't figure out how you would use those seashells.

**Culley Bunker:** Very, very carefully.

**Culley Bunker:** Their poop scoopers.

**Jack Horrocks:** Yeah.

**Culley Bunker:** I don't know, I think everybody had a really hard a\*\*\*\*\* and

**Christopher Knight:** I mean it was Rob Schneider so

**Jack Horrocks:** yeah.



**Culley Bunker:** Yeah. I hate that guy. I hate that guy.

**Christopher Knight:** I know. You did business with them, but I had to work in the same room with them.

**Culley Bunker:** I still have his number, I should give it to Jack and you can prank call him. Yeah.

**Christopher Knight:** Hey, we're recording. Yeah.

**Jack Horrocks:** Okay, cowboy. And

**Culley Bunker:** That was just for funny purposes. I mean that no actual physical way, these numbers, three one, oh, five, five, one,...

**Christopher Knight:** Yeah.

**Culley Bunker:** two, one, two, Don't call that number.

**Christopher Knight:** all right, so as far as

**Culley Bunker:** I want to, let's have him a signed up for a bunch of scientific journals and A trials. That's it.

**Christopher Knight:** GMO Weekly.

**Culley Bunker:** Yeah, GMO Weekly.

**Christopher Knight:** Yeah, did I tell you about that with the cook that you and Eric had so they're having a meeting.

**Culley Bunker:** No. It was awesome a week.

**Christopher Knight:** I don't think

**Culley Bunker:** She was awesome for a week.

**Christopher Knight:** so he was part of the reason why she was kind of just done with the whole\* facility. Eric had a meeting with the producers of his show And she got there and started cooking. This is right in the middle of the little, bulletin area in the kitchen of your office and she's there cooking and in the middle of this meeting of 12 people, He stops the meeting and turns around. And it says her is that Corn GMO free

00:30:00

**Christopher Knight:** And she was mad as she was like, I don't know. He's like The answer is, No, because no quorum is GMO free. You're paying this woman. He turns to Eric and starts harassing about the poison that she's feeding him because she was making corn and then everyone around him is a yes, So all of them are like, yeah, I've seen that, they feed it to cockroaches and they explode. But why would you feed him then? So they all just started railing her for cooking me while her job before. That was cooking for an entire NFL team. So, yeah,...

**Culley Bunker:** I wish I would have been there...

**Christopher Knight:** She?

**Culley Bunker:** because I didn't put up that s\*\*\*.

**Christopher Knight:** Andy and I made some comments and Eric sent us out because and she was almost in tears, so It doesn't surprise me that she wasn't very into the job after that.

**Culley Bunker:** Yeah. That sucks.

**Culley Bunker:** I'm still fat.

**Culley Bunker:** All right, we're getting off topic.

**Christopher Knight:** This just had to smell the food but we didn't get any and she was cooking right behind us. And sometimes Eric was You can't take lunch yet because this is due and it was particularly me? And she came pretty early, but it was just like so hungry.

**Christopher Knight:** Okay, back to it. So how do we implement this stuff? We gotten Jack back full time? If you get maybe an ETA on when we can do that.

**Culley Bunker:** Not yet.

**Culley Bunker:** I don't know soon. So Two weeks. Wait.

**Christopher Knight:** Monday and Wednesday, then Monday.

**Culley Bunker:** Good Lord I'm on the phone every day just pushing to get us. Paid let alone get back to full rates. I'm not anyway.

**Christopher Knight:** Yeah, I get you. There's all of this stuff. this isn't just full-time. This is long hours. so, we need to get that sorted.

**Jack Horrocks:** Yeah.

**Culley Bunker:** Yeah, I know I said but to both I need to get them off my back thinking I'm doing all this for Scully effects. So I kind of need that if you guys can just give me a quick list of what you think how this is working and why Scully effects is a prototype is actually benefiting from Scalia facts. From your personal.

**Christopher Knight:** Sure, I've already started on that. So basically the way I'm doing this, just so there's a paper trail for it. Is I wrote a little bit of code to go through the repository. Get every commit I've made and the time at which it was made basically gonna do a weekly breakdown of what projects were worked on. I'm looking for a way to visualize it because people love charts and graphs it just But the money makers and I'm gonna bring up the different projects that are for Proto. That Matt's helped out on Were you guys good? Will this time?

**Culley Bunker:** Right, So it's literally Scully effects is helping develop. Proprietary software of prototype.

**Jack Horrocks:** Yeah.

**Christopher Knight:** Yeah.

**Culley Bunker:** We get to use it...

**Culley Bunker:** but that's really helping to develop it. So,

**Christopher Knight:** So that's what I'm gonna do and then

**Culley Bunker:** In all the hardware side that's gully has been loaning or giving for free. Or I...

**Jack Horrocks:** Yeah.

**Culley Bunker:** they rent stuff, but I think Jack gave me a rental cost yesterday. And we're paying half the going rate to rental fee. So I just need to put together a quick. Hey, this is how Scully effects is helping. And Culley.

**Christopher Knight:** What winter and...

**Culley Bunker:** and every

**Christopher Knight:** collie Culley and Scully? What are you gonna try?

**Culley Bunker:** mmm.

**Christopher Knight:** To present all this. So I can have a buttoned up and pretty

**Culley Bunker:** Whenever you're ready for button up pretty. It's no. Huge hurry, but I is as Ammunition or not every night ammunition. Just fact, just want to show them facts so that,...

**Christopher Knight:** Yeah.

**Culley Bunker:** that they look at Scully as a plus and not something that's dragging them down.

**Christopher Knight:** So yeah that's the only stuff.

**Jack Horrocks:** Yeah.

**Christopher Knight:** Absolutely, I'm going back and forth you guys the most but the reality is I didn't start any io stuff until Once Sunny came in,...

**Culley Bunker:** Right. That I always think is also going to work with Hottie's model...

**Christopher Knight:** I started the IO stuff and that's a proto project.

**Culley Bunker:** which I need to get you a location of when that comes in how that gets in ingested into the asset, they asset pipeline.

**Jack Horrocks:** how do we get From him to us, without us getting owned, is another thing that we really have to work out.

**Culley Bunker:** Hang on, let me find the download.

**Jack Horrocks:** Because it can't come direct that's for damn sure.

**Culley Bunker:**

00:35:00

**Jack Horrocks:** Ways. He

**Christopher Knight:** The deliveries. I'm not sure what you mean.

**Culley Bunker:** Yeah, me too. Yes, he is.

**Jack Horrocks:** I thought he was Iranian. Where is he? Is he is...

**Culley Bunker:** He's around.

**Jack Horrocks:** so we've got to work out how to get it to us.

**Culley Bunker:** it's already worked out. My friend Foad who's also American Iranian. He has deals with the government, he can work with Iran and the arts area and he can actually send so much money back and forth so it's all going through him legally. We already looked out.

**Jack Horrocks:** Okay. Yeah. But No,...

**Christopher Knight:** Okay.

**Jack Horrocks:** how do we get the data from him to us, Somewhere.

**Culley Bunker:** So we give it to oad. What, and we'll figure that out right now.

**Jack Horrocks:** Yeah.

**Culley Bunker:** We don't have any data to give him, he's only giving us data but yes, we need to work that out. but for What is legally?

**Jack Horrocks:** Yeah.

**Christopher Knight:** Yeah, I don't want to become an enemy of the statement.

**Jack Horrocks:** .

**Culley Bunker:** That is legally allowed to do this, because he works in film and television with Iran with the United States as a cultural thing, so he's actually allowed to send so much money to Iran or I don't think you receive any but he's allowed to send. I think about a half a million a year right now but it could go up if there's an actual project. Etc.

**Jack Horrocks:** Okay, yeah, yeah, no. I'm just

**Culley Bunker:** It worked out by accident in foette is the guy that helped me find him because he emailed and LinkedIn and did everything in this guy would not get back to me. And then I was like Foad. I know you're Iranian. I need this guy in Iran and he's like, Let me talk to my dad, Two days later. I got it.

**Christopher Knight:** That's f\*\*\* crazy.

**Jack Horrocks:** Yeah.

**Culley Bunker:** He's like, I'll talk to my Dad found him. Here's his manager because he's been I guess a lot. people saying, I want you to work for me blah and then it just never worked out. So he hired a manager, this guy named a vessel. So we work with Vessel and he's trying us out because at first, he was like, Hey I just want to work for you guys and then he kind of backed up like info. I told me he didn't want to get\*\* over again. He didn't want to get his hopes up that he actually could work. So he's like, Let's do a few jobs. Seattle goes and then maybe we can sign him on to a long-term contract because from what I'm seeing, we want this guy in a long friend contract,

**Jack Horrocks:** I would really love to go and visit around but as soon as you visit around, I can't visit you ever again because

**Culley Bunker:** That's like Cuba. You got to go through a different state and don't have them stamp anything.

**Jack Horrocks:** I'm not even that it's even worse. Like Cuba though, allow you to go in and out.

**Culley Bunker:** But what you did is you went to Mexico and then you got a separate piece of paper, they would stamp not your passport that I went right before Castro died to do a shoot,...

**Jack Horrocks:** Yeah.

**Culley Bunker:** everything is fine and...

**Jack Horrocks:** Yeah.

**Culley Bunker:** then I came back and the Mexican. immigration\*\* with me, I had to pay him a hundred bucks or we're gonna stamp your passport so, they just wanted money, so I gave it to him and I didn't want to argue They're not My passport, stamp All you want? I don't know. you're coming from Cuba. Give me a hundred bucks. American. It's like, Okay, get your little taste for the f\*\*\*\*\*.

**Christopher Knight:** Yeah.

**Culley Bunker:** Because I found that it's called the Little Taste. Everywhere you go in the Mexico, everybody's got to get their little taste

**Jack Horrocks:** Thailand's the same, would you like to do this in six months or would you like to do it tomorrow?

**Culley Bunker:** Here's your little taste.

**Jack Horrocks:** Yeah.

**Christopher Knight:** Yeah.

**Culley Bunker:** So, I'm trying to find the download link.

**Culley Bunker:** From Pho App.

**Christopher Knight:** I mean, you can send them to be separately. That doesn't need to be part of this call. So I'll get together, all of the pipeline stuff. I built each project, what the problem, synopsis of the project,

relating it to prototype. So that it's clear that we're not just sticking them around. and then Jack, I think one of the things that might be helpful and culley correction if I'm wrong, everything we talked about today just getting it quick and dirty on a Gantt chart with a concept of your time and...

**Jack Horrocks:** Yeah. Yeah.

**Christopher Knight:** and be generous about it because this will be long hours cost us through your time and a cost assessment of any hardware or software upgrades we would need So that we have a kind of a budget for what we're trying to do. And then any of the three of us could explain why that would be a beneficial to the company. It's literally You don't have a tech company without the tech, right? You gotta have

**Culley Bunker:** Just try that link. I just texted in the. I don't think it works. It's a little old.

**Jack Horrocks:** The other thing. We need to grab the deadline.

**Culley Bunker:** It's

**Jack Horrocks:** Yeah, we need to get out of deadline, How many rendering hours?

00:40:00

**Christopher Knight:** I could probably Get something going for that. Realistically, what we need to do is show how many errors and stuff there are with the ad hoc approach and...

**Jack Horrocks:** Yeah.

**Christopher Knight:** and then promise that when we have all of this set up, those errors will be far less. unfortunately, getting information on a deadline,...

**Jack Horrocks:** Yeah.

**Christopher Knight:** can be like, pulling teeth, so

**Christopher Knight:** mean your call how much time you want me to spend on that?

**Culley Bunker:** I just get some numbers and extrapolate. We've been doing this amount of renders give or take for about the last year. So,

**Christopher Knight:** Yeah. I mean I was gonna go for

**Culley Bunker:** You surrender that's lasting for 5 to 10 hours. So

**Christopher Knight:** yeah, and right now this is something we had to change the super user mode is completely unlocked and deadline which means that people are able to delete their jobs. 100% absolutely will be a fight but nobody should be deleting any jobs off deadline.

**Culley Bunker:** I used to do it, but okay.

**Christopher Knight:** So we set a filters so that complete jobs.

**Culley Bunker:** Yeah, I know.

**Culley Bunker:** I know. Yep.

**Christopher Knight:** Go away and...

**Christopher Knight:** we get archiving is fine but the issue becomes artists, try to not look bad so when they render something that looks like s\*\*\* because it's, Air prone or whatever. They delete it. And then they start complaining about how the technology is failing them. But then we don't have any logs or anything we could look at So that needs to happen.

**Culley Bunker:** Yep.

**Christopher Knight:** We got to automate the priorities because we're balancing not just between departments, but between companies, there's a lot of stuff we have to do.

**Culley Bunker:** Understood but we just need to all come up with a list and then just start chipping away at it. So that's...

**Christopher Knight:** Yeah, ...

**Culley Bunker:** what I need from you guys. What's the list?

**Christopher Knight:** so there's a justify what I've done. And list of things moving forward. This is a lot to prepare, so that's gonna be kind of my exclusive focus for the next few work days.

**Culley Bunker:** Okay.

**Christopher Knight:** All right, Jack's back just in time to say,

**Jack Horrocks:** You Just to say goodbye. Yeah. Because freaking idiots. My fiber just went down.

**Christopher Knight:** Bummer, Mike. My plumbers just got here.

**Jack Horrocks:** Okay.

**Christopher Knight:** Culley, can you send me that video? I'm gonna see if I can pull the text out of it. Hopefully, it's transcoded.

**Culley Bunker:** I don't even know you where you get the videos.

**Christopher Knight:** I don't know.

**Christopher Knight:** But I want to get the text out of it so that we could actually have chat gvt, take the minutes or meetings. and then once we figure out how to do that, I want to have kind of do that for every meeting is Record them,...

**Jack Horrocks:**

**Christopher Knight:** get the action items stuff like that.

**Culley Bunker:** I have no idea where they go.

**Jack Horrocks:** they get dumped in you drive, I think once you end the main

**Culley Bunker:** Yeah.

**Christopher Knight:** Are they also on the calendar. we're click on the

**Jack Horrocks:** I don't do enough meanings where I'm the one who actually.

**Christopher Knight:** Yeah, I used to but I did with teams and it's a bit different. I think I say it's way worse but it was easier to control that stuff.

**Culley Bunker:** To figure it out.

**Christopher Knight:** Yeah, you

**Christopher Knight:** Yeah, let me know what you come up with. All right, gentlemen, I'm gonna go ahead and call it here. I've got plumbers here that I got a check in on.

**Culley Bunker:** It's alright, take care. Bye.

**Jack Horrocks:** Okay, see you back.

**Christopher Knight:** Bye guys.

Meeting ended after 00:43:52 🙌