Transcript

December 19, 2025, 11:33AM

Gregg Cobert 0:08

Right.

All right, well, I have a couple of colleagues joining. One is gonna be just, she's new to Centrack, so she's just gonna be kind of listening in and then a little bit later Shannon's gonna join and she's gonna talk about item 4 on our list with the tagging, best practices and things like that, so.

The first couple steps I'll be walking through myself and then we'll have her kind of finish it up and then we'll have time for questions and stuff like that if you as you guys have questions and things like that, if that works.

DR

Damodaran, Rajesh 0:45

Yeah, that's OK with us. Like can you start from initially how to connect to the Sentrac servers? That'll be better so that because Hitesham is new, so that you'll also be aware of like what is the process to connect the.

Gregg Cobert 0:48

Alrighty.

Yep.

Absolutely.

SA

Shamsuddin, Ahteshamuddin 1:01

Hi. Hi guys. How are you?

DR

Damodaran, Rajesh 1:03

Yeah, I need to shop.

Gregg Cobert 1:04

Hello.

SA

Shamsuddin, Ahteshamuddin 1:05

I am sorry, I may not be speaking much. Actually, I just had a surgery recently, but I'll

be there throughout the training today to understand and grasp as much as possible. So bear with me for that.

Gregg Cobert 1:09
Oh, I'm so sorry.
Perfect. Yep. And as you have questions, that's great. But we have the recording that you can refer to. So we'll go from here and I'll actually just kind of Rajesh, I'll just log myself out of everything then real quick and.

Shamsuddin, Ahteshamuddin 1:20
Yes.

Gregg Cobert 1:35
Then we'll walk through the entire process to get into the servers and things like that. Right.
When we first log in, we're going to go through the Horizon client and the CCAD team would get you guys set up with that. So you log in and it'll usually require your username and then the password and then.
It's a form of identification, multi factor identification and.
Uh.
But they usually come. It'll come through your phone and you'll approve that. So you'll that'll get you.
Logged in to the connection server. From there we'll click there on our standard desktop.
Then.
There, get on the Internet.
We're gonna go.
AM dot Cleveland Clinic Abu Dhabi dot AE.
It'll give you a number which you'll enter in your phone.
Alright, and when you come to this page, you'll see the A dash accounts and A-NP under score accounts. The A accounts is for the production environments and then the A-NP accounts is our.
Test environments. Oh.
You're gonna.
We'll do production day. You'll hit request and from there you'll click the all

resources and they request us to put a comment. Usually I just put in support.
For that information and that'll bring us to this page and we want to check out and it'll give us a 600 minute.
Amount of time where we don't have to go through this process again. So that'll give us a 10 hour period basically to be in the system as needed.
You would do the same thing for our test environments and from there that's under the resources section. We'll go on now under connections and that'll give you a whole list of any of the.
Servers that are available, the ones we are looking for, I type in Ctr. which brings us to the four servers that we have. I'll put this in the notes and things like that, but PCADCTR 050 that is going to be our.
Activate production environment 05/1 is going to be our core production environment, 501 is going to be our activate test environment and then 502 is going to be our core.
Oh.
Test environment. So with that we will get started on the activate side which will show you what the actual application looks like for.
UUI and things like that for our client CCAD.
All right, and if you type when you if you open it up, you'll type in local host and that'll bring us to this page right here. Our I created a username and a password. The username is.
Going to be Honeywell. If we want to create additional ones, that's totally fine. And the password I created is the word internal and that can also be changed as well, but we'll kind of go through that information as we go through.
Testing in or through the phases and things like that that are involved in the application here.
All right. And so when you log in, you'll come to what we call our list view page and that'll show all of the assets that are in our system and it'll also show that. So you'll see the name of the asset, you'll also see.
The map and the specific location on the map that the tag is showing up and also how long they've been there for and then the last time our tag has communicated.
You'll also see in there the tag ID as well as if there's an asset ID for the type of unit, you'll see that information as well. So you can kind of see we have model and manufacturer and that information.
So if for example you wanted to kind of see where is this tag showing up, you can

see that we have a map view and this will show specifically where this guy is showing up and it'll always kind of go to the center of these maps because that's how it's set up.
If you click the Wi-Fi XY coordinates, it'll show more specifically where the tag is locating, because that's basically pulling the Cisco information to say it is showing up.
More closely to this, but you have to click the Wi-Fi XY to kind of get to out of the center position. So that's kind of that information. So you can kind of see our tag. He is showing up in roughly around room.
17526 in a patient room.
All right, so we'll go back to.
The list our list view page.
Under here you'll also see our More tab, so you can kind of see any of the Commission history, the location history in terms of.
Where the tag has traveled as well as if there's any kind of events or anything like that from rules. I don't think we have any rules set up for CCAD and then if you wanted to do like specific testing.
Under as an admin you have that capability which gives you what we call the follow details. So when you click that you would it would bring up this separate page and on there you'll see.
The tag ID as well as the title of the asset. You can see when the last time the tag checked in, which is at was about a little earlier, about a minute ago.
And it updated about 70 seconds. You can see it's been in this specific location. It is a default number if the tag hasn't moved, so the tag has pretty much stayed where it was since we first entered this information in the Sentrac monitor.
Is gonna always should always be a zero for these Wi-Fi settings because there's no actual monitors or virtual walls set up here at CCAD. So that number should always be a a zero and then it should give you an area that it's mapped to and an.
A location which is the Wi-Fi information.
You also have the ability to kind of see if you wanted to kind of gives you the our map view, but it also gives you, as you can see down here, the ability to track a tag and its movement over the course of period, course of time and.
If you're trying to quickly move that information, you can increase that playback capability like 15 all the way from 1X all the way up to 50X to kind of see how the tag is moving over a certain period, like if you're trying to see how to move over a course

of a week.
Kind of gets you that information pretty quickly with that.
All right. And so from there we'll go again to our map view, which kind of shows our information. And instead of seeing it on a list view, this now shows you the specific map and so for this map L17.
There's currently 63 assets all showing up in the middle like we said. So again, you would just click the Wi-Fi XY and they would all kind of lock into where they're actually showing up actually on the unit. So you would see they're kind of obviously spread out on.
Each of the floors or on on the floors throughout each of the patient rooms. As you can see, you'll also see you have the ability to view all the different maps that are in here and they're all.
Separated out you have all the different ones you have between cup and the clinic, the DNT. You also have gallery and ICU as well as the patient tower and the swing and then oncology is its own separate building. So we have those separated and the.
Have those all eight of the oncology maps that are located there. So if you were to click that, it'll bring our map up. You can see for oncology L7, there's currently nothing showing up there, which is.
Totally fine if that's what we're expecting, but you can kind of check that information.
All right.
Here we'll go to our assets screen.
On our assets screen, you'll see each of the different things that are coming through typically for our CMMS environment. Right now we haven't had that set up since we're in the production environment. That'll be next steps for to finish up the project here, but you'll see each of the different.
Different fields that we have, whether it's the name, model, manufacturer, what you won't see is obviously the location information. That location information will be either be in the list view or the map view.
So.
If you were to click our edit screen, you'll see that it brings up different fields that you or any of the users are able to edit. So you can see the model, the manufacturer, serial number, also have the asset ID.
And also the group that the piece of equipment is associated to. So all the tags are going to be associated to the all group, but then you can get more granular with that to have for this one like analyzer tester. So you can see that that information is

showing.
Going up there, you'll also see in the tag, see that specific tag and if you were to.
You can see that that's our specific tag as you can has the current there, but say for example you're adding a a different tag to it. Like I said, this will typically not be done at least on the CCAD side because all the information should be coming from the CMMS.
Integration that we have. So they'll be changing it on their side and then we'll be receiving that information. But for example, if you did want to change it as you start typing in specific numbers, you'll see the bottom down there starts getting.
Smaller and smaller with what you're looking for, so you can see that.
See if I can find one.
As I start typing in the numbers, our search criteria gets smaller and smaller and we're down to those two. So those are the two that are currently in the system that are being seen by our that have been seen in our system.
So you would select that information if that's your specific tag. If, for example, you'll notice sometimes you have ones that have a star next to it. What the star means in there is that the tag hasn't communicated for.
A 60 minute period, so that could be a good thing. I don't like if it's in a area that doesn't have Wi-Fi coverage or anything like that. That would make sense that it does. It's not communicating, but just to kind of make you aware if you're seeing that that the tag hasn't communicated, this would be somewhere you could check that to see.
See or tag has it communicated in a certain period of time. You'd also obviously see that in the list view saying when the last tag last communicated.
Alright.
Like I said, so we have, we were talking about a little bit earlier, we were talking about playback and with the playback you can kind of see a specific tag information. This is very similar to that. It's just the movement history. It doesn't show the actual movement, but you could kind of.
Drill down with this information to kind of find your specific tag and kind of find out where.
And you don't have to fill in each of these locations you could, but as you.
The one.
So for this specific bladder scanner, you can see that it is kind of.
Had 2000 different location changes in the history of its.

Commissioning and you can see how long it's been in each of each of the locations as so you can see the map, the area and then like I said, how long it's been specifically in that area.
All right.
So for now we're going to move over to the admin section. Any questions about the basic screens you've gone gone through with the list view, the map view or assets or movement so far guys?
We'll take silences. We are good for now, so we'll keep on moving. So when you get to the admin screen, you'll see you have this menu of options on the left. So we'll kind of walk through some of these right here.
So we'll start with the rules editor. These are our three standard rules. Like I said, CCAD doesn't have any rules set up right now, but if we were to set up a rule, this is where we would do that so.
So to do that we would first need to create a notification, so for example.
It would create.
Notification.
And.
We could figure out how we want this notification to go out, so there's different options that we have. So for now we'll just set up a.
Texting now for now, so for myself.
There, we'll click create.
You can see this is our new notification that we have so.
From there, that automatically will create an escalation path for our specific notification. As you can see, it now says tag movement default from the notification of the tag movement. So that'll give that information there and then we would be ready to set up a.
Rule. So you would click our white piece of paper there.
Uh, it would do.
The main type of rules that we would that we typically have are going to be area restriction and button press for staff badges. For here we don't have any staff badges, so it would just be area restriction, but obviously there are other options that are available, but for now we'll just.
Select the area restriction. From there we would decide which specific type of tag we want to have as part of this notification. It could be all of them, but for here we're kind of focused on our bladder scanners.

The where is any of the group. We don't have any area groups due to the Wi-Fi settings, so we would just leave that one as any room and then for the notify we would select our.
Agg movement default as from the escalation and.
This would give us the information of our tag moving in that specific location.
Obviously it's a little bit it's. These are customizable fields, so we can edit those as needed to kind of get that information if as needed.
So I'm going to go back real quick and.
Go to our notification.
If you click edit list members, that'll go back give us this information here that we can set up initially. We're going to kind of drill this in a little more specifically. Right now it applies to all the maps. I'm just gonna for this.
Use case. We're just gonna be interested in tags that are on patient tower 19, so anytime a.
Ladder scanner moves into patient tower 19. We would get that information, Yep.

DR **Damodaran, Rajesh** 23:31
Gregg, sorry to interrupt. So you're just you're selecting only the level 19, right? Is there any option to select multiple floors?

 **Gregg Cobert** 23:36
No, no, go ahead.
Yes, So what you would do, it's not. What you would have to do is just create a separate. You could use the exact same person and the exact same information. You would just select the other floors that you would need to do like that you would want this notification.
to go out to. So you would just like each of those to be notified as you add the additional floors and whatnot for you.
So say you're worried about.

DR **Damodaran, Rajesh** 24:11
Should we? Should we select? Should we select like press control and select the floors or what it is?
No, I'm telling in the selection.
Select together multiple floors. That's what that is what my question is.

Gregg Cobert 24:26
Right, so you'd have. You can't do it multiple floors. You can only you have to do it individually, but you can have multiple notifications go out on the same.

Damodaran, Rajesh 24:27
Yeah, yes.

Gregg Cobert 24:37
Notification or on the same rule. So you can see for here we'll do patient tower 20, so 19 to 20 and then still the same person so.

Damodaran, Rajesh 24:51
Is it selected now for 19 to 20?

Gregg Cobert 24:55
So right, right. So now you would have a notification if it goes in 19 or 20. So you have to do each specific floor. You wouldn't be able to select it on the same one for that notification. You have to select create a different.

Damodaran, Rajesh 25:03
OK, OK.

Gregg Cobert 25:11
Notificate a new member for that notification for each floor. If you wanted to go down that route of like you wanted to have it for just those three specific two specific floors, you would select this and that would give you any of that information.
For those specific floors that you were looking for.
Right.
Right now we don't have any rules set up for them, so we should be good. So I'm going to go back to our rules editor and if you notice.
The other three rules that are kind of our default rules are all have green dots. Our rule that we created is a Gray. As soon as you click enabled and then the save, that'll turn that from Gray to green.
And vice versa, if you want to further disable it because you're waiting for some

information or things like that before you want to deploy it, you can have the rule set up, but just kind of sitting there until we're ready to deploy it.
Onto the UI for the client as needed. So for now we'll just leave the rule as grayed out and not enabled.
For statuses and par levels, for now we're gonna uh.
Ignore those just because there's not much we can do with that in a Wi-Fi environment, but those are something things that we can configure in an IR environment.
That's rules and targets. For here we're gonna go to the tag tools. So tag tools gives you a list of your different things you can do with the tag. You have the tag list which shows any of the tag.
That are in our system. The tag tracking will give any of our tags, but it'll also show their current location when they have one. It'll even show A tag if it doesn't, if it's not associated to a specific asset. So you can if you're looking to find out what where is this tag showing up, this is the way you could do that without having to find.
Even if it's not associated to an asset, you could look it up to kind of see where is for example 2589563 showing up and it would give you that information and also if it is actually associated to something, it would give you that information.
As well, you can see that it's associated to a PCU pump and last updated 28 seconds ago.
And so tag list is, like I said, very similar. It's just gonna give the list of any of the tags and the type of tag that is in the system, but it won't give you any of the specific.
Location or anything like that just gives you the tag list. Obviously it is a searchable thing, so you if you're looking for a specific tag to see if it ever has communicated in our system, you could type in that information to find that out so.
You can see that there.
Also important is our tag groups. This is typically defined through the, you know going to be defined through CLMS integration. So when they send over their groups to us, this will automatically populate into these fields.
However, if we wanted to customize certain aspects of the tags showing up, you can kind of see that for the all tag that they're all going to be this blue box. But say for example you wanted your cardiac monitors.
2.
I have a different icon so.
That's that's what I was looking for. So instead of a Blue Square, we're gonna go with

a.
It's square.
Orange square.
All right, we change that and so all the assets will show with blue except for the cardiac monitors and the way the system determines what icon appears on a map for the client.
It's gonna be based on how few are in the current tag group. So the largest tag group is obviously the.
All group, which is 2767. For the cardiac monitors, there's only eight of them, so it'll automatically go down to the 8 to show that. So. But if there's a group that has, for example, just two or three things, and it's also in cardiac monitors, it would show what was in the two or three.
That's in there. So for example, if we were to go back to our list view real quick.
And we were to search for our cardiac monitors.
Filter.
You can now see that those are now an orange box and same idea. If you were to look at it on the map, you can see it is now an orange icon showing up on the map as opposed to the blue so.
This is something that is customizable for each of the different tag groups as needed. Right now we just have them set up to be all the blue icon so.
All right, the audible tag health checker is also very helpful. You can scan the tag and it'll tell you information about the tag to kind of know how is the tag working? Is it working battery? It'll give you the battery level and things like that. So that'll kind as well as the.
Location so you can kind of get that information in here for your scanning and things like that so.
But yeah, again, super helpful way to kind of just check on your tags and things like that to kind of know their statuses as well as battery health for our tags.
So now when we move on to our users and groups, this is where we're creating the groups and things like that.
So for now I'm gonna start with our site access details, which is gonna show any of the times.
Any of the pages that have been viewed and when they were viewed and who did it.
So you know you can. This is one of our larger tables. So it obviously the system hasn't been used as much so far, but we're still at 26,000 records so far for.

Just different views and things like that. So you can kind of see where our Honeywell user has been. So he's been at the admin menu, he went to the mobile screen where we showed the tag statuses as well as the groups and the maps. So you can kind of see each of that information.
Showing U there.
Super helpful to just kind of deep dive if you need to on. If a user's not supposed to have a certain access, you could kind of check that information to see what's going on. Site logins is similar, not nearly as detailed, but it tells you basically who logged in.
From their IP address as well as when they logged in as well as when did they log out. So you can kind of see you have a couple different people that have logged in today.
You had a.
Tan that logged in at 11:10 this morning, so you can see that information right there. It looks like they're still in the system, which is outstanding. So it kind of gives you that information.
And our users and groups you also have our specific. We'll go through our user groups.
So for right now we this is our list of users and groups. We don't have a list right now doing anything with Active Directory. If Active Directory was set up, we would do that through here. We would just group match on whatever.
CCAD gave us in terms of the names and things like that. So we would have to just make sure that the name that they gave us is matched exactly to what they're seeing in their system compared to ours. So for right now we don't have to worry about that, but basically this gives you our different levels.
Of access. So our asset manager, they have the ability to modify and view assets. Basically they can go into the assets screen that we were talking about previously and edit any of the assets.
As they're in there.
Basic users, pretty self-explanatory. They basically can just view the assets. They wouldn't be able to make any changes, but if a nurse or staff member was looking for an IV pump or something like that, they could kind of go into the system and check out what's going on and how to find that information.
And then our third user group that we have is our admin users. So you can see there's six current admin users in our group if we wanted to see what specifically who

is specifically in each group.
We would go over to our user accounts.
And it shows basically their admin or I'm sorry, it shows the user as well as what user group they would be in. So here's your username. If there is a first name and last name that we added, we would add that information in there.
We would also show when it shows when the tag or I'm sorry when the user was created and if we added an e-mail and then it also shows their last activity and last logged last time they were logged in.
So.
Yeah.
For our Honeywell user, you can see when you open it up and put that information in. Like I said, if you guys wanted to end up changing that password, you could change that here.
You can also, if you were adding a new user into the system, you can give them their name. You would set up their name however they wanted it to be set up in the system. You put in a generic password.
And then you could click this button here, which basically forces them to change the password once they log in for the first time. So that basically it gets them a password, but you don't have to then be responsible to keep up with that password. You can just have it. It'll automatically change for them once they get that.
And then you would just set a certain user group access levels and obviously the different groups would determine.
What they'll be able to view and see. So like I said, our three main groups are going to be our administrators, our asset managers and our basic users. So for now we will just leave this as it is.
Also, I one more thing I wanted to point out.
Say for example you have you're setting this up for a biomed person that their main thing that they want to see is things that are showing up in the shop. You can set it up that the.
Default map that they'll see when they log in to the system would be whatever map that is that they're mainly focused on. So you could have that set up. They could see other maps, but they would just be. It would default to see that main map that you were that.
Is their main point of access. So like if it like I said for a biomed person or a nurse that's on patient power L17, like if that's their main area, you could have that be the

main default map that shows up there, so.
Something kind of cool there.
Alright.
All right.
So that's users and groups. For now we're going to move to our mapping administration and it kind of is works in a hierarchy system and so we'll start with our.
Location, which is going to show us the main. You can have multiple locations, but the main one is going to be Cleveland Clinic, Abu Dhabi and you can see that there's two facilities associated to it, CCAD as well as oncology.
So in there you'll also see how that got set up was in the facility list. So we set that up on the facility side. So you can see we have CCAD which currently has 44 maps associated to it and then there's oncology which has 11 maps associated to it, which is how.
Um.
They wanted to get it set up, so we set the system up that way for them and uh.
We could customize it if they wanted to break it down where they had.
Patient tower be a separate facility. We could do it that way and they would be that would break up their maps. That way they would when they're searching, they could search for the specific patient tower area and it would show all of that information in there.
Right. And then when I was actually importing the maps, I went to our map list and put in that information for each of our maps into the system, typically for IR.
Facilities. There'll be multiple locations for the areas, so there'll be 100, sometimes I've seen 1000 for areas for those larger sites, but for here it's just one each.
Floor is gonna have one Wi-Fi zone, so basically puts that information in there and we'll have that information there. You can see the specific facility that they're associated to. So these are the oncology ones, so they're associated to oncology.
It'll also give you the the ability to make the map visible. If you're trying to make some changes and things like that, you could hide it for the time being to make some changes.
It'll also tell you currently how many assets are showing up on that specific map. So we have a total of 55 maps and.
As you can see.
We have a bulk of assets that are showing up there.

All right.
Like I said, this is the specific areas that are listed throughout the facility, each of them so you can see.
That there's each of different areas and they're all Wi-Fi areas. That's what the description is for. And then finally.
In the mapping section, we'll go through uh.
Our Cisco Wi-Fi Maps and Mapsync.
So this is something where for the maps to actually work as expected, we need the maps to be first uploaded into Cisco and then.
From there we would make sure that the information is set up in core as well as in activate and then we would load each of the maps into our system. From there we would then find our specific map. So for this one gallery GF.
We would find that and you can see in the drop down there's a full list of all the different maps that they have currently in Cisco that are being sent over to us. So we would find the specific one to match that and from there we would say sync data.
And we would then uh.
Mhm.
If we're trying to adjust it, you can you can kind of see the Cisco map is on in the back. So when I was setting it up, we try to make sure that the map is lined up right on top of their map so it overlays 100% accurately and so the map.
So the icons will show up exactly where they show up in Cisco DNA spaces. It'll show up here for us in activate and translate, and that's what the Wi-Fi XY coordinates we were talking about earlier. That's how this is translated, so.
This is the back end to kind of show where that uh.
So you can see it was. If I were to have it like that, it would be a little bit off. So we would need to make the adjustment to make sure it's working as expected. If we feel comfortable with where we're at, we would click Save the map.
And you can see it saves the map and.
We had to do this for additional ones. We would click here and it would bring us back.
I will say that sometimes the maps, whatever reason, get stuck. I've seen it. So sometimes what we've had to do it at another site was we just click the perform sync button, which resyncs the maps that are coming from disco.
Cisco spaces to us, we will just perform that sync. That way we're getting a fresh information and that would typically correct our issues that we may run into for that.

OK.
I'm going to skip reports for the moment.
We'll go to the system configuration settings. So the configure screens page is basically if we're trying to each of our different screens that we've been able to view, we're able to kind of customize each one of those fields in terms of what we can see and things like that. So for example.
We were looking and wanting to customize a couple of specific things about our list view page. The first page that we went on, we would go to our columns page and that would give us all the columns that are viewable for the users that are in the system. So it would show.
That information, it also gives us tells us do we want to be able to sort this information so we can sort it as well as sometimes edit that information and also the ability to search for that.
Like if you're searching for specific model or manufacturer for the example, you could find that information here.
The data import. This is what we used when we first did an import of the tags into our system. So you can see that the last time when we did this was back in June of this year we imported.
2767 and then we then imported those. So to make sure that things were working correctly kind of it's a two step process. So we first.
When you go through the report section, it basically tells you are there any errors or any issues that are showing up from your import. So to give that information so you would know is this what we're looking for or not. So once you feel confident with.
Your data import, you would click review details and that would start the process to then import the assets into the system. So again, we probably will not be using this since everything will be coming from the CMMS integration, so that will be the source of truth.
As opposed to what's showing up in the Activate application.
Alright, the next one is our system settings, so uh.
From here we'll kind of walk through a couple of the main ones that were you can highlight. For here you have it where you can have frequently you want the map to refresh. So I've had it where some clients want to kind of see the maps.
It's moving pretty regular, like it fully refreshes the maps every minute and that's what they want to do. So they our default is 15 for our maps. It also has the last scene time out as well as the monitor time out.

Out would be basically the amount of time before the if the tag hasn't been seen. If the tag hasn't been seen in a 60 minute period, it'll move off the map. If the tag hasn't heard a monitor in a 240 minute period, it'll also move.
Off the map. So just kind of as an FYI that those numbers are both customizable.
Also part of the Cisco map synchronization is this field right here. This is what we would need to be able to put this information in. This is how we find the specific maps to be able to look for. So we put in the username and password and then we ended up searching.
Searching through.
GMS Connect Pulse to find the.
maps that we wanted to be able to sync to our system.
One thing I've seen.
We also have STSMTP currently set up, which is basically how our emails are working. So if you want to make sure that it's working, you can put in that information in there. Make sure it's sending a test e-mail appropriately and incorrectly.
Scan down, you'll see sendtrack GMS which is our pulse. This is basically how we get tag statuses and things like that. So it shows all the tags that are currently synced to the system and.
So it'll show the last sync result as well as the last time that it synced, and if you wanted to, it'll automatically do it every 24 hours, but you can also do it.
Right. While you're doing it, it'll kind of do it right in the background for you.
The Cloud Asset Management integration is our CMMS information. This will be what we're updating when we move to the production environment from test. So these will be the some of the things that we're updating so.
Uh.
Each each of these are specific fields that coordinate specifically to what Medusa has. So we would make sure that that information matches up basically to what they have and then put in that information accordingly so.
We'll put that information in and then if you wanted to run a push, a push is basically when we're sending the location information to Medusa and then the poll is basically when we're pulling.
Acid information from Medusa to us. So that is the difference between those two.
All right.
Right. So for sensor X stars and monitors, I would say we it is there, but we would usually rely on or to be our source of truth for that, so.

We will get to core right after I finish up with this and then we'll kind of walk through the stars. Again, we shouldn't have any stars or monitors because it is a Wi-Fi field, but we'll kind of walk through core and some of the core features and things like that.
At that point.
We kind of talked through a couple of these already with the movement history, some of the playback, as well as some of the other modules and things like that that are available that typically aren't going to be as useful in the Wi-Fi settings.
And the last three are ones that we probably won't. This is probably not going to be used with Wi-Fi, so I'll avoid that for now. And same idea for the stars and monitors with the Wi-Fi.
It's not typically gonna be used for the stars and monitors, but we have that information there. And then integrations is if we're trying to set up anything with like HL7 or things like that, which at this point we haven't done anything for that.
All right.
So now we're gonna move into the reports section of the discussion, so.
You can see there's the icon right there on the left and so we clicked it and this will kind of give us our list of assets and things like that. I'm sorry, our list of reports that we currently have that we can set up.
Right now we have three of them that are currently active and so these kind of run. Looks like this one runs once a week as well as the report testing that'll also run. Once a week or I'm sorry, these will each run each every day and so if you view. Review what the report will say. This will show you that information.
That gives us that.
Same idea.
All right. And as you can see in here, you have the ability to turn the page as well as go if you wanted to to the last page of the report or the first page. You have that capability as well, but that gives us the information specifically about this report.
If you wanted to customize our report, we will click Edit. And so this is where we would edit it. And you can see two different checkboxes that you have the option to do. So the first one is when it's active, the reports are
Automatically generate and send on a specific schedule, which is typically what we want to do, and then you send if blank. Basically, if there's nothing in the report, it will automatically it will or will not send it depending on if you check it. So if there's nothing in the report and you just don't want that in.

If you don't need anything, if there's nothing there, then you would just check that information. Your notification. Again, even though we don't have any rules, we do have the notification. This is how a notification would go out if or who the notification needs to go to for this specific report. So you could have that. Information in there and then there's specific types of ways to view or receive the report that is being sent to you. So you have PDF, Excel or CSV, so different types of options that are.
Available when we're setting that up. So we also have the ability to customize. This information. So right now we'll go to the scheduling section on the scheduling side.
Once it opens in a moment.
This would be when you would like the report to be run, so you can have it every day, every week or every month. Also if you want it every hour, you have you know kind of a little bit of customization to that and.
You can put that information in as well as the time when you want this to be run. And then for this one it says they just want it for the last week. You could have it for, you know, since the last time it was run for all time. So you would just kind of customize that field for you.
Data time frame amount basically means one like so for this one it's they set it to week. We would have it set so this would run day would be for one week. So if you wanted it to be for the last 12 weeks like so if you wanted to see like the last three months you could just do 12 weeks.
Weeks to put in 12 there, that would be where you would customize that information. And then finally we'll get to customize and this is as you see there, this is running every day just specifically for the bariatric beds that are in the system, so. They would just have that. We have a full drop down for that. So you would they selected the specific bed that they or asset that they wanted to have the report sent for.
And you also have if you want it to be a for a specific map, you would have it run for a specific map every single day or however frequently you would like that information.
So that's us. One other thing I want to talk about with reports, each of our tabs that are we've kind of been walking through. So for list view or asset view, you have the ability to do reports actually.
From here and from here you can do view actions and save as.

We would do it for our cardiac monitors here.
And then?
So now that we're in our specific setting that we set U, we would then click View Actions and we could schedule an e-mail.
For our report, if we wanted to to send that information to us, however frequently we wanted to get that information specifically for cardiac monitors and their locations and things like that, that would show that information right there for you.
You also not just have it where you could set up the reports on a frequency basis here, but you also have it where if you just wanted to export all the data, you could do that immediately and have that sent to you via e-mail if it's under 1000.
You actually can just have it downloaded and sent on the specific screen. You can open it up there, but if it's more than 1000, you would have to do an e-mail and it would send it to you.
That way, and so you would get that information. You could customize the fields that you wanted to see for that. So you would click like if you're just worried about the name, the locations.
And then the battery, you would select those fields and that would just print that information for you in that specific field. So that is a list of that information. So for now we're going to move over to.
The core system. So keep this open for the time being and over to 051 again, which is our production core environment and as you can, I forgot to mention it before, but.
As you can see you have A accounts and then A&P accounts. So we know that 051 is a production environment. So if you were to actually click to the test environment and try to, you'd first have to request it if you didn't already have the access, but if you tried to.
So for example, we're going to try to open up this test environment here and it's not going to let us. It should automatically close it as you just saw. It kind of opens it but then closes it because.
We are trying to open the test environment in the production in that or with the production credentials and it doesn't allow us to do that.
Oh.
So we're opening up our core environment.
Alright.
I'll test.

Alright.
So when you get here, you're going to come to this page. You're going to want to go to, we'll go through the local streaming client, which will show the information that is getting streamed to us. So this is our.
Our page that opens up our dashboard of the core server. So it'll tell you the star count, which I know I said that there weren't any stars. The one star is a.
The is a star that it's a fake star. So that way we can get the MSE environment set up to work for Wi-Fi. So that's what that star is. And then it also says currently how many tags are in the system and how many there.
Hearing this number will increase as we're in the system, so not something to worry about that it's only hearing one, it'll start. That number will significantly increase as we're just in the system longer and longer.
So that would have that information. Again, it won't have any monitors because we don't have any virtual walls or monitor set up since we're fully Wi-Fi here at CCAD.
And so if you were to go to the active stars, you can see that this is the Wi-Fi star that we created basically to be able to hear the information for Cisco spaces. So this is where that information.
Resides.
Skip the minor since there's nothing in there and then.
You can see this other.
All the tags that are currently showing up and again that number will continue to increase as I said. So you can see we're already up to 662.
A number will, like I said, just as we're in the dashboard, just will rise and you can kind of see this information, so.
This is good information. For example this specific tag you can see.
Makes him a little bit bigger.
So.
This information is good because this is basically the information coming from Pulse to our core system and this is where we can check and see do we have a discrepancy that is showing up between.
Uh, what is in?
DNA spaces versus what is showing up in our core system versus what's showing up in activate. So if we've seen it before where DNA spaces and core are showing up correctly, this is and activate is.
Not showing up. So what we would do in that circumstance is usually just we start

the.
Perform a Wi-Fi resync like we were talking about previously with on the Cisco DNA spaces, but this is kind of where we can kind of check to see specifically.
If there's a specific tag that's not working as expected, we can check that information, so.
one too many zeros or one too many ones.
Alright.
So this would give us that specific information about that tag in terms of what's showing up there.
So you can kind of see the last time a the tag communicated. So that was literally 3 minutes ago, which is as expected cause that Wi-Fi tags communicate every 5 minutes.
And then it'll show you the campus, the name of the building, as well as the specific location. So if you're have an issue where this is saying something different compared to what is in.
Uh.
DNA spaces or activate. We would just try to troubleshoot that to make sure that that is how we resolve that.
All right.
We're gonna go back to our dashboard and.
We want to see that we have all of our services that are running. The main services that we want to make sure are running as expected are going to be the GMS service, which is shown up here in red.
That pulls the information from Connect Pulse and then we also want to make sure these other three are running as expected, the paging server, the location server and the streaming server. And then finally we want to make sure.
That the Cisco DNA connector is running. We're having an issue, we can always reboot it, but that's these are the kind of the main five that we want to make sure are running on our core system.
I'm going to go through a couple of the logs and things like that.
So these are some of the files as you can see that are recent will show how to get to.
Them. So we'll go to the Sentrac folder and we're going to go to the GMS service one. We're going to go there and then we're going to go to the log.
To pull this information for us.
It's all the way back to February of this year.

All right. And you can see that it ran a connection at 4:00 this afternoon and it's successfully connected to GMS and got all the settings as expected and put that information into the system for us.
Uh.
The error message is not anything to worry about. Uh.
It basically did what it was supposed to do and got us the information so the tags would communicate correctly for where we're trying to get to.
Now we're gonna look, I believe it's connector.
There it is, the Cisco DNA connector.
So this ran last on November 10th, but it's still working as expected and connected to our connect pulse. So that's another area we can check to make sure is working correctly.
And.
One other couple other things here in the local streaming.
And the local streaming client down here on the bottom we have the settings page which is important. The main one that I'll show you today is going to be this one right here which is show all streams.
And this is our connection between our core server and our activate environment. So this is only going to, as you can see, activate production and.
You can see the IP address that it's connected to and then the port and then the tag streaming fields that are needed for the Wi-Fi settings to work correctly. So those are set specifically for that. So that's kind of.
Where we check to make sure that those are working as exected.
So the main things wanted to kind of show you for core. As you can see our number has increased to 1834 with now 1700 active in the system so.
That's good.
Right. So we're back on the activate side.
All right.
Now I'm going to go through some of the logs and things like that on the activate side to kind of show you with any kind of troubleshooting and issues that you guys potentially could run into. So we'll open up our.
File Explorer.
Go to.
This PC, everything is going to be located on the S drive is what they requested. So we put everything there. And from there, we're going to click on Tsitani and then

activate.
And.
We're going to go through some of these different folders that are in our system here for you guys, so we'll start on the server side, so.
Just like I was saying recently that we need the settings for activate put into core, we need those same settings coming from core over to activate.
So this is.
Same thing. So this is the core server with that information. The tag streaming fields, they should be the exact same. Want to make sure those are the exact same number as well as the port. So it's still same ports of 7189 and want to make sure that the firewall is also not blocked.
Where we can get that information to show up correctly for you. The Suntrac driver will also have all of our maps and things like that that are coming in through Cisco Spaces, so you'll see that information there.
And so this is where that information gets pulled into on the Centrack driver. So it pulls both the map as well as Centrack zones that we created for those maps.
I want to make sure that that information is showing up correctly. So for example, map 12. So you can see that the title is Cup P2, so we want to make sure that.
1.
We go back to our map. Let me go to cup 2.
You'll see that map ID equals 12, which is going to be the exact same as what's showing up here, which is what we want to see. So that's one of the ways that we can check to make sure that the information is flowing correctly into each specific map.
So if they're saying that they're.
Seeing it that they're not seeing tags working as expected on a specific floor. That's one of the ways that you could check to make sure that it's working correctly in the system.
All right.
Let's go back to our servers age.
I go.
Look at some of the things specific for.
The CMMS integration for you guys, so we'll check that information.
So we go into the web tracker and then log and then integrations.
No cloud to cloud.
Oops, not cloud cloud. Sorry, by direct.

So.
This is where we check that information.
Obviously, like I said, we haven't set up everything correctly on the production environment, so we should definitely be seeing errors and things like that, which we definitely are.
This is where we would check to make sure that we're getting the right poll information. So looks like this was done at.
Literally a couple seconds ago and it tried to pull the information. Looks as I can see it. I know it's using the wrong.
API pull call. So that's probably the main reason that this is not working, but this is somewhere where you could check to make sure that the logs are showing up as expected and that you're seeing tag information showing up appropriately there.
Real quick, I'm actually just since we're going through this and I want to look at What a successful log would look like for.
CMMS so you guys can see that information.
Log in to their test environment, so check out again for that. We have another 10 hours on the test environment that we have available to us.
All right, now again, 501 is gonna be our activate test environment, so we'll go down to a dash NP accounts and go to Windows Remote Desktop.
Right.
You can see this is kind of the middle of a stream that we got from a poll right here and you can see got a list.
The created items that are showing up so you can see the tag identifier, the tag ID would for us external identifier is what it is for Medusa and then the equipment number is the asset ID. So you can see that information is showing up.
In the log there and as you.
Scan down a little bit further.
Just kind of wanted to show you it says deleted items. It doesn't actually delete the item it.
Archives it. So in our system it would archive the tag and remove the tag from the asset, but it would still keep the asset in our system so.
Quick, I will show you.
That looks like.
So one thing I forgot to mention so for under assets.
We have.

Your filters up here and the first filter is archived versus not archived. So if you go to the archive section, click filter, this one it'll show nothing because nothing has been archived on the production environment.
If you go.
2.
Test.
The assets.
You go to the Archive section. Click Filter.
And you can see that since we last uploaded this, we have one archived asset that we've done.
And so you can see it still keeps the asset information with the name, the model number and the asset ID. But if you look in the tag field, it keeps it blank. The tag, the asset can still be used again and it would just put a new tag information in there if that were.
To come to us when they were to change that and put a new tag on this piece of equipment, it'll move it from archived over to not archived and make it an active asset showing up in our system as expected.
Right.
Right.
And again, the push log is going to be what is getting our locate. We are pushing our location from Centrac to Medusa, which will show basically any of the location information will get populated on their side with where the tags are currently show or the asset is currently showing up.
In their system.
Alright.
That is showing that information. From there I wanted to also show you guys the information on our services section. The services area will be these first. It'll show all the services that are currently running or available on.
This specific server, the ones we're obviously going to be concerned about are any of the ones from that show activate in their name. So activate API Bridge, Centrack driver, escalation manager, internal web service, recent data monitor, web proxy and then remote engine service.
So I'll go through each of these just to kind of give a brief description of these.
All right. And so the API bridge is what we would do. If there's a, for whatever reason, a hang up in the system, we would typically restart the API bridge and at the same

time we would also.
Restart the internal web service. Uh.
If that needed to happen, um.
Rishesh, when we were doing some of the testing and things like that for the polls and things like that for the AP, the CMMS integration, we had to do a couple of the restarts here. This is on production, but so we're not gonna touch anything on terms of restarting or anything like that, but.
Uh.
We would if there's a change made in the code or anything like that, we would have to restart the internal web service. We wouldn't have to do that, restart the bridge in that regard since it's just a code change, but typically those two work in conjunction with each other, but that and so.
For the downtime that we're talking about, the 5 minutes or so that the system is down would be when we restart the internal web service and wait for the system to reboot basically, and it takes about 5 minutes for the system to be back up and running as expected.
If there's a change in terms of the Centrack driver, if we make a change to the port or.
IP or make a map change or something like that specific to the Wi-Fi environment and those changes need to be made. We would restart the Sentrak driver. This is one of the ones where it would just restart and the user wouldn't even know that something were.
To happen.
The escalation manager is something where I have not in my time with Sentrak had to use in terms of restarting it separately, so we've just usually just kept that one running.
Your recent data monitor is gonna be what shows for your reports and things like that. If there's an issue with emails going out or something like that, that would be something where we would wanna restart our recent data monitor.
And then finally we have the web proxy service. So if in the future CCAD decides to get a URL or HTTPS.
System. We would get that set up and this is what we would need to use to make those changes take effect basically. So if there was an issue with a HTTPS issue, this is where we would restart that specific service.
And if there was an issue on the reporting side where reports whatever reason aren't

working as expected, this is one of the quick ways that we can do it to kind of check and see.
To kind of kick it to kind of see what's going on and hopefully that usually fixes our issue with the reports working as expected.
Couple of the other logs I wanted to show you. We have our production logs that will kind of show you any of the information that's currently showing up in our system. Randomly find.
As you can see, they kind of roll over, so it pulls any of that information so you can see tag movements, things like that. You can also check to see what's going on with any of.
The maps and things like that, it would show any emails or anything like that that go out. Anything that goes on in the production environment would show up here in that system.
Right and.
One other area I wanted to show you guys.
Second plug for.
All right.
The last couple of areas I want to show you for some troubleshooting things is go back to our system settings again.
And he noticed that.
Alright.
So we're going to click this guy.
And this will actually help us with.
Pulling information that's coming in from or to us. So again, you were to click stars, it'll show tags, monitors and stars. There shouldn't be anything showing up in monitors, but stars you should probably just see the one.
Like I said, the Wi-Fi star. So this shows you specifically the Wi-Fi information, so you can see that information showing up here. So it's one way so you don't have to be in multiple different systems. You can pull that information. Same idea for the tags you can.
All the full tag information and it'll show that in here for you. So you can see that we currently have 1744 of that information. So say for example you could do the find.
For that and search for your specific tag. Or if you happen to know that information, there's also a way to specifically look for that tag information, so.
It gives you battery information. It tells you the last time the tag communicated. It'll

also importantly on the bottom down here will show you the Wi-Fi zone ID and the coordinates for that on the activate side as well as the.
The DNA spaces XY coordination, so you can kind of see the Mac address for that specific tag because DNA spaces is going to use the Mac for that information. So you can look for that information right here. So that'll have that right here because they typically don't.
They'll have the tag ID. Like I said, they'll use the Mac address and we can pull that information for them. Also a customizable field that we can put into the core system where you can pull that information in there as well. But if you look, you can kind of see.
Your floor ID is 41. So if you were to do that, you could check back on your Sentrek driver.
And.
I know 41 is a popular number, but you can see.
We are seeing it here in DNT P1 Wi-Fi zone, so it pulls that information for you so you can be able to view that information.
All right. So that is kind of a brief but quick overview of kind of the Activate and Centrack systems. I don't believe Shannon has joined yet. Do you guys have any questions while we wait for Shannon? If not, we could do.
do a quick break and rejoin in a couple minutes when Shannon's back on. I'll open the floor for questions that people may have.

Damodaran, Rajesh 1:39:09
And we can go break, go for a break and come back.

Gregg Cobert 1:39:14
OK, Yep, that's fine.

Damodaran, Rajesh 1:39:15
OK, how much time? 10 minutes?

Gregg Cobert 1:39:16
So I I have about 10 minutes or so. Yeah, I'll leave. I'm gonna leave the system open and we'll kind of go from there and but yeah, kind of a good quick restroom or

anything like that that you may need and then we'll rejoin in about 10 or 15 minutes and to finish this up for everybody.

Damodaran, Rajesh 1:39:24
OK.
OK. Sure. Thank you.

1:39:37
Thanks, Gregg.


Gregg Cobert 1:39:37
Thanks everybody.

Damodaran, Rajesh 1:53:26
Agric.
Are you back?


Gregg Cobert 1:53:41
I am back. Yes, Sir. Are we all set?

Damodaran, Rajesh 1:53:50
Yeah.
I'm also back.
Nitish, are you back?

Shamsuddin, Ahteshamuddin 1:54:09
Hey, hey guys.


Gregg Cobert 1:54:11
OK. Are we good to get get started back up?

Shamsuddin, Ahteshamuddin 1:54:14
Yeah, yeah, we're OK.

Gregg Cobert 1:54:17
OK.

Damodaran, Rajesh 1:54:17
Yeah, we we can start.

Gregg Cobert 1:54:19
All right, Shannon, are you good to have me transfer over to you, my dear? All righty. So, guys, this is Shannon. She's gonna talk through some of the tag, tag practices and things like that.

Shannon Housh 1:54:24
Sure, absolutely.

Gregg Cobert 1:54:34
For you guys and and I did get the tag status icon set up on the left for us if you need to refer to that down down the road so.

Shannon Housh 1:54:41
OK, great. Yeah, absolutely. I'll, I'll refer to that in a like when I get to the troubleshooting part portion of it.

Gregg Cobert 1:54:47
Yep, perfect.

Shannon Housh 1:54:49
Fantastic. OK, well, I will. I'm gonna steal the the screen from you and share my screen and get started.

Gregg Cobert 1:54:53
You can feel. Sounds good.

Shannon Housh 1:54:57
Everybody can see my screen, it says asset tags.

Damodaran, Rajesh 1:55:01
Yes.

Gregg Cobert 1:55:01
Yes, ma'am.

Shannon Housh 1:55:02
Look. OK. Perfect. Thank you. Well, welcome everyone. My name is Shannon Housh. I am the Director of Clinical Consulting. You'll see Stacey Dodge is on as well. She's a consultant and we're just going to kind of take over Gregg's lovely training for a minute here and talk a little bit about asset tagging best practices.

Damodaran, Rajesh 1:55:03
Yes.

Shannon Housh 1:55:21
When it comes to your multi-mode asset tag and just kind of some things to keep in mind when you start to tag assets or if you're already have your assets tagged and you want to tag additional assets and and please you know, raise your hand, stop me if you have any questions at all.
OK. With that said, let's talk a little bit about asset tags. So when you tag your assets, you know it's really important to consider where you're placing them. And in in a couple of my slide decks, I'm going to swap back and forth between a couple different ones. I have some.
Best practice locations on where to put asset tags. So depending on the piece of equipment, there is a an an option for you to read portion of the slide that says you know this is the best spot. You know whatever piece of equipment I have listed there, this is the best spot to put an asset tag.
Because you want to really consider the infrared light like where where you're placing it and that it's it's able to have you know some sort of moderate visibility to the ceiling where those IR devices are placed and you know those asset tags can work through like a thin material. So we want to we want to make sure our placement is is great.

Shamsuddin, Ahteshamuddin 1:56:19
OK.

Shannon Housh 1:56:37
So this is the asset tag that you currently have your multi mode asset tag which swaps between your Wi-Fi and clinical grade on the IR devices. And so sorry, let's see. And so you know you as you can see this is one of our like suction units and like an an old IV pump and just kind of where the.

Shamsuddin, Ahteshamuddin 1:56:39
So.
S.

Shannon Housh 1:56:57
An idea of where they place the tags on on these units, but when you're tagging, it's just important again to make sure that you're not placing the the tags on like you know, for like for a blanket warmer for example, like that metal like really kind of blocks that RF. So you want to make sure that you're putting it on.
You know an area that is a flat surface as well and high up on the device as much as you can, right? Where you know you it's really difficult to put an asset tag on a surface that's not completely flat because you need that very high bond backing tape to really adhere to the plastic.
So if there's any sort of curvature or area like you know, you wouldn't want to place it on a pole or anything like that cause it can't really adhere to the the plastic well and you want to make sure that you've got that flat, flat surface and then it's it's really good to you know.

Shamsuddin, Ahteshamuddin 1:57:44
Hello.

Shannon Housh 1:57:52
Ensure that it sticks well. A lot of these asset tags, like specifically the multi mode, comes with a little case that the tag sits in, so you're able to change the battery easily without removing the entire tag and its case from the device.

Shamsuddin, Ahteshamuddin 1:58:05
It's infinite.

Shannon Housh 1:58:08
So when you're when you're changing the battery, which the battery is located up here on the tag, you're able to just kind of slide pop that tag right out of the case and then you're able to change the battery very easily so you can keep your tag placed on the device and secure and just pop that tag out.

Shamsuddin, Ahteshamuddin 1:58:18
Hello.
OK.

Shannon Housh 1:58:28
Out of that casing and then change the battery.

Shamsuddin, Ahteshamuddin 1:58:30
OK.

Shannon Housh 1:58:35
So again, just flat surface, optimal functionality of the tag. Another really important thing when you're to think about when you're placing your your tags on your devices is just make sure you clean the surface really, really well and let that surface area dry.

Shamsuddin, Ahteshamuddin 1:58:35
Chat.

Shannon Housh 1:58:50
Because you'll want to make sure that there's no particles or any dust or anything that could get in the way of that very high bond backing tape to really adhere to that surface.
No, I'm not too sure. I think that everybody kind of has an idea about how to activate the tags. You have tags that are placed on assets today and already activated, yes. Is that a true statement?

Gregg Cobert 1:59:18

Bill. Yes, Sir, ma'am.

Shannon Housh 1:59:20

OK, great. I just want to make sure. OK, so just just so and again I'll pass, I'll give this to Greg. So Greg, you can give them these slides, but just how to activate the asset tags. You know this is an older version of one of our asset tags, but the multi-mode is right here, you know, pressing and holding that tag for five to 10 seconds until the LED flashes.

There is a green sticker on it that you would remove on the other types of tags if you had those in your organization. But for the multi mode tags, you know it's good to every once in a while you if you want you can press and hold the button, it will light up, the light will blink and it just says yes, I'm reporting into the network. I have good battery status and we're.

Good to go. So but you know the initial activation takes about 5 to 10 seconds and that light will flash right over here in this window. But you already know that because you already have asset tags. But just in case this is a different type of tag. Again if you had the mini tags in your organization.

What it would look like, those are just some activation. So this is the bracket I was talking about. You know when you when you put the the very high bond tape would be VHB tape would be on the back of this bracket and you just pop it out, replace the battery.

And that's what it looks like right here. This little piece right here would just like pop right in and then click right back in. So you're able to pop it out and change that battery. You never want to remove the entire case from the asset unless you're taking that asset out of the organization, you're retiring it, it's going out to be fixed somewhere else.

You want to kind of keep the shell, the case that it sits in in place on the device and just pop that tag out like I mentioned, so that you don't have to worry about compromising that that bond that it already has to the plastic.

Hey, let's see.

I'm gonna swap over to this slide.

So again, so that's just an idea of you know where when you're tagging assets, but I wanted to kind of talk a little bit about in you know putting when you start to tag a

multiple amount of assets. Now you're more than welcome to put your new assets that you want to put into activate into the system one by one if you.
If you have just like maybe 5 or 10, you can put them in manually by adding a new asset, but if you have a bunch that you want to put on a spreadsheet and then upload and import those tags, those asset tags, you're able to do so. Some best practices when you're putting assets into Activate after you're tagging them is.
You.
I always do recommend getting a scanner, a little Bluetooth scanner that attaches to your laptop. You have your Excel spreadsheet open with the following fields that go into activate, and you're just scanning the barcode that's on the asset tag that's probably listed right up of here. The barcode you're scanning it.
And then it's automatically going into your Excel spreadsheet into the field that you want to put that RTLS tag field in right here. And so it's just an easy way so that you're not worrying about putting a different number in on accident or accidentally typing the wrong number. So just really use.
Using those barcode scanners really do help. You can purchase them on wherever you need to purchase them and they're actually pretty cost effective and they work very well when tagging a multiple amount of assets at the same time and just really ensuring that when you're tagging your assets that you have a.
Just a simple Excel spreadsheet open with the following headers. You're able to download that template in Activate as well. Under the asset import field area, you're able to download a template that will automatically give you these headers on your spreadsheet and then you can go ahead and use that Excel spreadsheet, save it as a. CSV and import those assets into the system. These are the typical headers that we capture when we're pointing into Activate. Standardization naming convention is key. So however you have your assets in today, you want to make sure that you're importing them the same exact way that you're importing the name.
Manufacturer, make, model, asset, ID, serial number, so on and so forth and having all that information complete within that Excel spreadsheet and then importing it so that all of your information is in there if for for some reason you don't have a RTLS tag.
ID yet and you just want to get your asset in, that's OK. You can just go back in later and add that RTLS tag once you have it. I don't recommend doing that for more than you know 10 assets, but you can do it onesie twosies if you just have you want to get the asset in and go back and tag it later that that's OK to do. But again this is the

important information that we're.
We're uploading or we're into, you know, activate, we're going into system config, we're going into data import and we're uploading our spreadsheet. Again, the that template's in there for you so that you can just automatically download the template and then use that for putting your assets in and scanning them.
So those groups of askets can can be a bulk uploaded into your Activate system. Admin users typically have that access.
Very important, as I mentioned previously, just make sure that your naming conventions are maintained. I know that you see that you already have assets in activate, which is great, but just making sure that if you know anybody else's is going to be taking over tagging assets or adding some additional assets into activate that you are following that standard naming convention. This is some best practices.
That I put in here just to kind of give you an idea of how other organizations are naming their assets. It allows you to, if you're doing, you know, PMS, yearly PMS, you're able to find your assets, download a report that says, hey, I need to find all the assets on like this ICU area.
And then you can check them off. Yep, this is the asset. I can see right away that this is the asset ID that I'm looking for to do a PM on. Here's the location I'm gonna get it and do a PM on that asset. So just follow the naming conventions that you have in place. And if you have any questions around naming conventions, some ideas of what other organizations do.
Again, this is, you know, I think Greg, did you already go through by any chance the importing the assets or OK, great. So it's all here.

Gregg Cobert 2:05:45
I did, I did. Obviously they're gonna be, they're on CMMS, so a lot of the stuff will come through on CMMS. But yeah, data import is definitely there. We went through that briefly.

Shannon Housh 2:05:51
Yeah.
Automatically.
Perfect. So if you already have that integration, then that's that's perfect. OK, let's skip through here. OK, these are just some modifications. Sometimes when we tag our assets, we might not have a flat surface to put on, but we do offer a suggestion

where you can get a sort of.
Of a little pouch that's infection prevention friendly that you can put that asset tag in. It does. This is a different type of tag, but again, it's clear it can see IR and you can put a little ring on it and attach it to an asset a different way. There are some assets where you can't actually affix to it, but you do you are able to sort of.
Attach those assets in a different way if you're interested in that.
Again, cleaning, you know, just I think everybody's already kind of aware on how to clean your asset tags. But again, you know you're wearing gloves and you're cleaning those assets or any any organization that's has a department that cleans their assets. It's just really important to use those sandy wipes. But there are some materials that cannot be used on the asset tags like they have acetone.
Ketone, it kind of corrodes the plastic, can corrupt over, you know, like the any of the barcode information, but it can do something with the the plastic itself. So these are just some things to stay away from when you're cleaning and those acid tags are just giving it a quick wipe down.
And again, tag removal I mentioned previously is just make sure that you are lifting up those those asset tags out of the casing.
And not actually removing the very high bond tape, you know there are, we do have extra tape. If you know in fact you need to remove your tags completely off of the unit, that's OK. We do have extra tape that we can get you if you don't already have some in stock, completely fine.
Um, so again, um.
Most importantly I think to take away from today is that just really ensuring that you are when you're tagging your assets, you are putting that that tape on 1st and then just popping them out of the shell. There is a zip tie on the back of the shell. I'm not sure if you use this function, but we do allow, we do have some holes right here where if you need to zip tie.
The asset tag to Let's say you have some rental equipment that you want to put into Activate and you want to track your rentals and you don't want to keep a permanent tag on a rental piece of equipment cuz it goes in and out of the organization. Or you're let's say for a wound vac, you're sending it out, it's coming back in.
So on and so forth. You have some rental beds or whatever it may be. You're able to zip tie through the back of the tag as well. There's some holes that allow you to do that right through the casing, so you don't have to completely put the case on the asset if you don't have to. A lot of organizations love this functionality.

Because like I said, for rental equipment or any of any pieces of equipment that they don't want to permanently affix to it.
So we already have that piece. And you know, here's some examples. I wanted to give you some examples of some great locations for equipment. As you can see here, here's some pieces of equipment. You know, here's different types and sizes and kind of where you put those asset tags. You don't want to cover any information that's needed.
Like any serial numbers, any information like the manufacturer information, serial number stuff, anything that can be removed, you don't want to put an asset tag on there. So for example if you have a battery that is changed, like let's say this gets removed right here, it gets taken out. For example this doesn't, but if it did.
You wouldn't want to put an asset tag anywhere on a device where something can be taken off and then put back on because you do run the risk of swapping the asset tag with a different unit. You might be changing a battery and then you have to put it on a different area. Now you disassociated the two together, so this asset tag.
It belongs with this specific asset, so put it somewhere that's not removed and again on that flat surface. Here's some examples. A lot of people in or different organizations will tag code carts and the asset tag. It really does fit well down here again.
You know, you might want to put it on the drawer area where it's flat, that just opens and closes. That's fine. But again, this is a a perfect spot down here because you're not worried about it getting kicked. When you open drawers, it could hit something. The asset tag could possibly fall off. So just, you know, kind of another great location for an asset tag.
Another example for a Dynamap or anything with that's moving around constantly in the organization right back here is perfect. It's out of the way of the patient, out of the way of the clinician needing to use any of the functionality of the piece of equipment. So some really great examples on a Hill ROM bed.
Any type of bed on the back where that this flat frame goes. Perfect area to put on a bed. That's where the tag should go. You want to stay away from anywhere that you're that you know when transport or anybody that's moving the bed around kicks the the pedal to either put the brake on or to move the bed.
You know you don't want to stay away from that area cause I have seen organizations tagged by that that pedal and it kicks it right off and they don't even know and now they don't have an asset tag on their asset anymore. So great spot for

on a bed to put a tag. Here's another area right here.
And some examples for a wheelchair. Again, if you have your multimotag and you want to put that down here, any anywhere on the wheelchair like noticed right here is a good way to keep it. You want to have it on that flat surface though this is not the best area. It needs to be really on a flat surface.
Another this is a type of wheelchair as well where someone put it as A tag. It works really well there.
This right here, it is a flatter surface, but again, be careful because of the curvature, right? You want to have it on that flat surface, but some just really great examples of where tags go.
Is a a bear hugger. So right on the back underneath there, staying away from like where you like, grab it or anywhere, just putting it back there. Never put it on tubing or anything again that can be replaced. So really ensuring that you are hearing it now on this presentation here, which I will also send.
Here's some asset groups or asset types where you know you I am suggesting best practice just all the experience in the fields of seeing where the tags work really well and and track really well. So here's your asset group type and then here's where I suggest your tag placement goes.
Some different options here to give you that. And then again this is a different type of tag, but if you had your multi-mode tag again it would fit great on the back of an Alaris module. On the top of module it fits really great here. So just just the in the Dynamaps, just different pieces of equipment and where I suggest ultrasound, so on and so.
So forth where you should put those tags.
And again, you've already went through adding a single asset, but it's in here just in case. So with that said, the last thing I have is is troubleshooting. So let's say that you know a best practice for changing your batteries. Also just want to walk through that real quick is every time you do a PM, right?
It's best practice. You grab that piece of equipment, it's in front of you. You're doing a PM on it. Change the battery. It's best practice to do that. You're if you're touching that piece of equipment, go ahead and change it. Now if it's broken and you know that it's a newer device, you don't have to necessarily change the battery, but a great way to look and see your battery status.
Is to go into tag status and activate that Greg showed you and type in that barcode or type in that asset tag ID number and you will be able to see where it will say OK, it

will say it's reported into the network, has good battery status and then you can keep it moving. The best practice is always to check your tag status.
Have that device in you, just give it a or in front of you, give it a quick look and make sure that you're sending it back out into your environment with a good battery and it's good working because God forbid, you know, you send it out with a, you know, battery that's about to die. It's really important just to kind of remember.
You know, I'm going to either it's I have yearly PMS due, I'm going to change my batteries every year, or I'm going to check that tag status before I put this tag on this piece of equipment or before I send it out into the organization. It's a really great tool to have at your fingertips and I suggest using it and definitely suggest.
Changing those batteries every year just to keep on top of it. You want to be proactive with battery changes. I know that there's certain reports you can run. You can look at a high level of your battery status through the list view, but again, best practices to just think about changing it every year.
And that is all that I have. Do we have any questions or anything you want me to go over in detail?

SA **Shamsuddin, Ahteshamuddin** 2:15:17
Pretty much clear. Thanks.

DR **Damodaran, Rajesh** 2:15:19
Yeah, it's clear for me. Thanks.

 **Shannon Housh** 2:15:20
OK, great. Well, that's all right. Awesome. Well, thank you so much for your time, Gregg. Thank you for your time and please reach out if you have any questions.
I will see you all later. Have a great day.

 **Gregg Cobert** 2:15:32
I will get the recording over to you.

SA **Shamsuddin, Ahteshamuddin** 2:15:33
Sure. Thanks. Thanks, Shannon. Thanks for the training.

Shannon Housh 2:15:37
Yeah, of course. Would you say, Gregg? You're welcome.

Damodaran, Rajesh 2:15:37
Thanks, Shannon. Yeah.

Gregg Cobert 2:15:39
And I will get the recording over to everybody once it becomes available.

Shannon Housh 2:15:44
Perfect. OK, I will leave. I will talk to you all later. Have a great day.

Gregg Cobert 2:15:50
Thanks everybody.

Stacey Dodge 2:15:50
Thank you, Shannon. Bye-bye.

Shannon Housh 2:15:52
You're welcome. Bye-bye.

Damodaran, Rajesh 2:15:54
Gregg, can you stay back?

Gregg Cobert 2:15:57
Yes, Sir.

Damodaran, Rajesh 2:15:59
Yeah. So Gregg, are we finished the training or how it is?

Gregg Cobert stopped transcription