**5\_Space**

0:01  
All right, so we're here, we're here and we're up at the top of the mountain and look at all that open space and that's what we're talking about all this space.

0:11  
So we're going to talk about within operate.

0:17  
How do we do, how do we manage space and operate And then how do we use floor plans?

0:21  
Are they any how they how do we use them within the system and then and how do we use them outside of the system And then is space really our final frontier had to go Star Trek with that.

0:34  
So space is part of the operate system.

0:37  
The space management functionality is a one of the five pillars of an IWMS and that operated that at its core is an IWMS if you guys are not aware of that.

0:47  
So as we look at space management within operate, we are looking at organizational occupancy data.

0:56  
So within a location on a property, you can put an organization, but that's considered more of an owner organization and you're not really managing a lot of occupancy information with that.

1:09  
You're just saying this, this organization, quote UN quote, owns this this location.

1:16  
Within the within the space management module, though, we're going to be tracking all the history of all the organizations that have occupied the space.

1:24  
We're going to manage if there's multiple occupancy.

1:28  
So you know, sometimes the the on the location, the organization that's the owner can and oftentimes is the one that is occupying the space, but that's not always the truth.

1:40  
So or not that's not always true.

1:42  
So we can do is we track that.

1:44  
We can also track if there's multiple organizations within a space and that percentage.

1:49  
We can also track how they're using the space if you need to go to that detail, right?

1:52  
Is this thing identified as an office, but they're using it as storage?

1:56  
Or is this an office and they're using it as a training room?

1:59  
So you can use that those differentiators between organizational occupancy data and the location data.

2:06  
We can also track who has been in the in the space and how long they've been in the space.

2:10  
So we know from organizations and people who's been in there, when they got there, how long they've been there from a person perspective, is that their primary location or not?

2:21  
We can also track if you had maybe, you know, a room that had five cubicles in it, we can track even the person to the cubicle within the space.

2:29  
So that's what kind of flexibility you get from the space management module.

2:34  
We can also leverage floor plans.

2:35  
So if you have drawing floor plans, we can synchronize those with operate and then leverage those floor plans and operate for spatial analysis.

2:44  
And we can also do space surveys from the CAD side of things.

2:52  
The tool that helped us do that is operate CAD or aim CAD.

2:55  
If you're, you're, you're on the that that side of the house.

2:59  
And what it does is provide the integration tool between the drawing file itself and the database in operate.

3:07  
So what I can do now is from the drawing file, I can access data and operate and then represent that data in graphic format, chart format, legend format back in my operate back in AutoCAD.

3:24  
So then you can use that for pretty fancy graphic reporting.

3:27  
You can do just a wide variety of of data representation within the drawing file.

3:33  
And we also have the ability to do some degree of space planning.

3:36  
So you can do what if scenarios when you're moving people around and organizations around to different buildings and floors.

3:44  
So part of the synchronization that's the drawing files are doing with AIM CAD or operate CAD is that you are now going to synchronize the floor plan itself back into operate.

3:55  
So now you'll have a floor plan that you can use for different purposes.

3:59  
We can definitely do visualizations of organizational information, but I think one of the big strengths is we can use that space viewer tool on the operation side.

4:08  
So because we, our assets are location base, which is a core to our, our, our solution, I can I highlight on a floor plan from operate where a asset is sitting, what room and that location an asset is sitting in.

4:25  
And you don't have to be a CAD guy to do it.

4:27  
You can, it's just just, it's just the viewer functionality, but the viewer also has functionality that you can interface with it, right?

4:34  
So I can now leverage that floor plan and take dimensions off of it.

4:38  
So say a worker is coming through that we need to go paint these two offices.

4:42  
Well, you can go in there and take the dimensions on those walls and then figure out how and do the math and figure out how much, how much paint you need to cover that square footage.

4:51  
So there's value in those drawing files beyond just the organizational occupancy data that you may be managing.

5:01  
So with that, let's go take a look.

5:14  
Passive.

5:17  
OK, so we look at it from an organizational occupancy perspective.

5:26  
I'm looking at one location and in this location I'm pulling the data that's coming from the the location definition on the property, right?

5:34  
So I see that information.

5:36  
I also see the property, but now I'm coming in here and tracking specific load organizations to that property.

5:43  
In this case, I have two organizations in this one location and here's their start date, but nothing ended yet.

5:51  
I can look at the organization itself.

5:53  
Oh, sorry.

5:59  
I can look at the organization itself and see if I needed to track the usage of that space so I can get to some pretty heavy detail if I needed to know that information.

6:10  
I can also track the occupants and how long they've been there, so I can track when they're in there.

6:14  
When they leave, is there, are they there 100% of the time?

6:18  
Is it primary?

6:19  
And even if they'd had, if there's a workstation, I can track that as well.

6:25  
From a visualization perspective, this floor plan is synchronized with our, with the system.

6:32  
So it is synchronizing.

6:33  
It has been defined as part of this building and this floor.

6:37  
And so if there are, and so in this case, I'm looking at the ownership, the organizational ownership, but you can see various levels of data.

6:45  
I can see organizational occupancy about it.

6:48  
And if I needed to, I could toggle the through these colors, right?

6:52  
So I'm going to turn off the layers.

6:53  
I just want to see what's vacant so I can quickly on a floor plan, see what's vacant.

6:58  
And then from a dimensional perspective, I can interact with it and take dimensions, take linear dimensions, take area dimensions and really come in here and, and leverage this data for me on the CAD side of things, the CAD side of things, my floor plan here, this is what got synced that we just saw this floor plan.

7:19  
It gets converted to be read within our system into a different file through Autodesk.

7:25  
But then I can leverage the CAD file itself.

7:27  
So if I wanted to create a report, I can come in here and quit the go.

7:32  
Hey, let me see where all the work orders are on this floor.

7:38  
It'll crank through, read the data out of operate, come in here and and show me the floor plan.

7:43  
Now it's going to automatically, based on the quick little configuration, show me my work order status by color, the areas, the quantities of them.

7:54  
And then I can look in here and see, hey, this is where the work's being done or has been done.

7:59  
I can see what may be assigned, but notice the split colors.

8:02  
It'll even break the color schema down to be able to let you know that this is how much work and what status all this work is being done.

8:08  
And then in this case, I have a chart that's telling me where it's all been done and what work orders they were specifically.

8:17  
We can also do things like composites.

8:19  
And this is a very powerful tool when I want to look across my organization.

8:23  
So I could look across my organization, say where are all XYZ department?

8:29  
Well, in this case, I'm going to come in here and I don't want to do a vacancy.

8:33  
And I'm going to do this from an ad hoc perspective.

8:36  
So we have ad hoc functionality.

8:39  
I want to find my department IDs and I want to add a filter to it from my department ID.

8:53  
D my organization ID Hang on.

8:58  
I had the wrong selection up here about organizational occupancy selection, department ID.

9:08  
Add this department ID bell sheet.

9:20  
You can add a filter to it.

9:21  
I thought I had my department ID.

9:23  
Is bacon there?

9:25  
It is bacon.

9:26  
Big bacon.

9:27  
I'm filtering against that.

9:28  
I want to start this and what it's going to do is go look across all my floors that I have out as part of this composite and quickly show me where are all my vacancies across multiple floors.

9:41  
So I could do this against the department as well.

9:44  
Again, I could have as many floors and from different buildings all together.

9:47  
So you have a lot of power then to look across a wide range of your inventory and get information about it.

10:09  
And so finally the last frontier, right, that's too darn long last frontier.

10:15  
So we are definitely not staying put.

10:20  
We have discussions and planning underway.

10:23  
We know that your organization's, the teams that manage the space in your organization's really do seem to have a mountain of work to stay on top of.

10:32  
And if that wasn't difficult enough, you know, these mountains seem to have grown and gained new heights really kind of just on recent events.

10:41  
So we know we hear you, we hear your needs, you will be hearing from us because we don't want to just run out there and try to solve those needs.

10:49  
We want your input.

10:50  
So, so stay tuned.

10:52  
Good things are coming that I think we are done right at the time.

11:05  
All right, so that's, that's my quick space overview.