Plant 3D Community Virtual Meet up – Q&A Follow Up – May 2020

Question:
Can you link both Revit and Plant 3D models inside BIM360? We tried this a couple years back and could not make it work. Mech model in Plant, Structural in Revit, they could not see each other?

Answer:
The way to go here is BIM 360 Coordinate, we can schedule a session on that because it again depends on your requirements and your goals.

APAC Session:

Question:
I am looking the Electrical CABLE Tray and HVAC Module in Plant3D.

Answer:
Plant 3D does have some ability to do cable trays and there are Apps for that in Autodesk App Store. But I would recommend using AutoCAD MEP or Revit for that as the solution is built for that functionality.


Question:
Has there been much work on the ortho generation and linking with views in the recent distributions of P3D? Or changes to the Ortho portion of P3D in general? I haven't seen it listed in the updates for a few years. I've found previously issues such as updating the BoM won't retain the bill of materials table format from the ortho template. I've also had issues with BoM annotations not being associated to the right space of the BoM views, not being able to ortho-annotate objects easily as they're not in the primary view - it just skips over them when placing the bubbles, so I have to manually right-click and add them via the other view spaces. I've also found that auditing drawings can break the associations between the BoM and the ortho bubbles.

Answer:
Continuous work is done to fix problems and improve the software. For example now the insulation is displayed in the ortho since the 2021 version, which wasn't the case before. For your particular problems with orthos please route them to your Autodesk support channel.
Question:
Pentair Valve have been in the pipeline since 2015 when will these be available?

Answer:
We don't generally create custom or specific content like that. The best thing is to post it in the Idea Station in the forums or email the content development team - plant.content@autodesk.com. If you are looking for the Idea Station to log or Vote for Plant 3D Ideas. Go here - https://forums.autodesk.com/t5/autocad-plant-3d-p-id-ideas/idb-p/48/tab/most-recent

Question:
Can we export plant 3d files as stp file?

Answer:
Answered Live - 58 minutes (according to presenters’ computer). The one product (AutoCAD toolset) which allows STEPOUT format is from AutoCAD Mechanical.

Question:
Will you give a copy of this presentation? Thank you.

Answer:
All presentations are added to the resources store after the webinar (it might take a couple of days to get it published). See Here - https://customersuccess.autodesk.com/articles/plant-3d-virtual-community-meetup-resource-store

Question:
Could you please give a link to where the object enablers are for advanced steel.

Answer:
Object Enablers for 2021. (change the address for older versions)
https://knowledge.autodesk.com/support/advance-steel/troubleshooting/caas/downloads/content/advance-steel-2021-object-enabler.html

Question:
I have advanced steel installed and the object enablers are meant to be included with the full install but I can't get AS objects to show in plant 3D?

Answer:
Try repairing the install of Advanced steel. It needs to 'link' the two products, it may simply the install order.
Alternatively, there is no problem with installing object enablers as well.
The Object enablers are version specific, so you need to be installing the same version for the
application that is going to use the object enablers. For example, if you have Plant 3D 2021 but Advanced steel 2019, you need to install Advanced Steel 2021 object enablers.

**Question:**
Can we import IFC files in Plant 3D?

**Answer:**
Answered Live @ 54 minutes (according to presenters computer).

**Question:**
But all our structural work done in Revit and piping we want to do in plant 3d

**Answer:**
plant 3d has minimum structural option here. Do you want to bring them from Revit to Plant 3D? Also discussed live during the presentation

**Question:**
how can we use them

**Answer:**
IFCIMPORT is available within MEP interface as a command. Then it will allow you to choose what surfaces you want to pick and import.
reference discussion at approx. 54 minutes (according to presenter’s computer).

**EMEA Session:**

**Question:**
does insulation enhancement also shown in Isometric view?

**Answer:**
Yes

**Question:**
Is it possible to show small bore pipes using single line styles on the orthographic drawings using rule-base settings?

**Answer:**
David just replied ;), yes...

**Question:**
does insulation goes over equipment(valve)
Answer:
Insulation doesn't populate around fittings like valves or flanges at the moment.

Question:
Hi, is there any way to record this session?

Answer:
Yes the session is recorded and will be posted on youtube:
https://www.youtube.com/playlist?list=PLdlF7MirPEC3oWd9dH6bkFRcX5RLMfr5J

Question:
What's the best workflow for bringing in Revit files to Plant 3D?

Answer:
It depends what you need to bring from Revit (Pipes, walls, whole project, families... I recommend the previous monthly virtual meeting we cover this topic.

Question:
Can you send me the link?... I missed that one.

Answer:
https://www.youtube.com/watch?v=gWWjx4OxZBU&list=PLdlF7MirPEC3oWd9dH6bkFRcX5RLMfr5J&index=3&t=0s

Question:
Does the transparent insulation shown in Plant 3D transfer to Navisworks?

Answer:
Yes, but with some limitations regarding the transparency.

Question:
is the Ortho drawing Template location absolute? or if you create a folder within a project, would it follow if you moved as a whole?

Answer:
It's part of the project in the project setup:

Question:
is it possible to set the custom ortho leader line for our requirement (ex. L shape)
Answer:
I recommend to look at this screencast: https://knowledge.autodesk.com/support/autocad-plant-3d/learn-explore/caas/screencast/Main/Details/46396215-88cb-401f-988e-21cc371653ee.html

Question:
where we can set the insulation layer by each line number?

Answer:
I recommend you the second part of the video to see how insulation layout are automatically created https://www.youtube.com/watch?v=rtQahbQ030w

Question:
is it possible to change transparency percentage .

Answer:
Yes

Question:
you show Advance steel drawing in a plant 3d collaboration project. how does the additional files which advance steel needs, synced with the collaboration project?

Answer:
An exported copy of the Advance Steel model can either be added as a reference model to the Plant 3D project and attached via the PLANTATTACH command or xref’d in from Autodesk Desktop Connector (if it resides in BIM 360).

Question:
In Orthographic: Can we change insulation line viewing any other line type instead dotted?

Answer:
This is a good question, we'll keep that question for internal testing and we'll get back to it next month ;)

Question:
Would like to have Orthographic views dynamic (instant) - update with Any change/modifications done in Model space...? similar to Traditional Acad procedure Model Space & Paper space viewports are dynamic update views?

Answer:
It's dynamic but not as in AutoCAD, in the Orthocontrols, you need to update the view after having performed your modifications in the source file ,It's not a dynamic import export
between inventor and Plant 3D, except for the equipment from Inventor to Plant 3D. You can eventually to an EXPORTTOAUTOCAD from Plant 3D, you can then open it as a normal DWG file in Inventor but you lose the intelligence.

Question:
Why we can't have Orthographic view as dynamic update - basically to avoid draft person error - forgot update any one view port...or may miss updating viewport some time in manual type!!!

Answer:
You can submit this as a feature request on the Plant 3D and P&ID Ideas Forum on the Autodesk Knowledge Network located here: https://forums.autodesk.com/t5/autocad-plant-3d-p-id-ideas/idb-p/48

Question:
Editing of ADSK file possible in Plant3D?

Answer:
Directly in Plant 3D, No

Question:
Can we export the Plant3D models to inventor & can that imported Plant3D file can be edited in inventor?

Answer:
That would be interesting to know better your goal doing such import, if it's only for getting the clearance, definitively yes using the EXPORTTOAUTOCAD command from Plant Article Found: How to import AutoCAD DWG file containing 3D objects into Inventor

Question:
is there any command to remove bolts & bolt holes from the imported Tekla or Advance steel models? in plant3D

Answer:
No there is no such command in Plant 3D. For Advanced Steel models as demonstrated in the meet up you can turn off the Advanced Steel Bolts layer.

Question:
Min. system config. requirement for the Plant3D-2021

Answer:
Discussed during he meet-up
Article: System requirements for AutoCAD 2021 including Specialized Toolsets
https://knowledge.autodesk.com/support/autocad/troubleshooting/caas/sfdcarticles/sfdcarticles/System-requirements-for-AutoCAD-2021-including-Specialized-Toolsets.html

Question:
how would you remove items from the bom, e.g fasteners?

Answer:
It's not possible to filter a BOM out of the box. For advanced users, you can modify the IsoConfig.xml for your isometric style to add filters to any bom style.

AMER Session:

Question:
Is there an option to show similar insulation on equipment? Tanks in specific.

Answer:
No, unfortunately not at this time

Question:
Can you control the length of the insulation?

Answer:
The Insulation thickness is a property you can change, and the "insulation tool" symbol can be grip edited.

Question:
Are there any plans on making plant and Revit work better together with sharing files?

Answer:
This is basically an enhancement request to have live linking or references between both
Question:
Is there a similar Insulation Symbol tool for ISOs?

Answer:
Yes, isometric insulation can be shown with a symbol.

Question:
Is the Plant 3D meta-data available inside Revit?

Answer:
You can do this in Navis and BIM Model Coord.

Question:
Does the insulation transparency translate to Navisworks?

Answer:
Yes

Question:
It sounded like the insulation view style is per each view/drawing sheet. Can you override individual items in a given view?

Answer:
No

Question:
Can you show an example of what the insulation view styles look like around valves and/or flanged items?

Answer:
Insulation doesn't populate around fittings like valves or flanges at the moment.

Question:
Can the xref models come from a location outside of the plant?

Answer:
It could in absolute, but we don't recommend that to keep data consistency of the project, especially if you are collaborating with others in the cloud. However, using the XREF command instead of PLANTATTACH will act as it normally does within AutoCAD.

Question:
How do you link Revit to P3D?
Answer:
I have found that exporting from Revit a SAT file and importing the SAT file into Plant allows a better workflow as designers can click on top of steel objects. The other option is to export to DWG from Revit.