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Agenda

• Introduction
• AutoCAD Plant 3D Past, Current and the Future (Misha Belilovskiy)
• Collaboration for Plant 3D with BIM 360 Docs Beta – What to expect (David Manning)
• Hot Tips from the Product Support (Vinod Balasubramanian)
• Q&A
• Onsite Community Conversations
David Manning
Designated Support Specialist

Providing technical support to enterprise customers and the Autodesk communities in the following products and associated workflows:

- Plant 3D and P&ID
- AutoCAD
- ReCap
- Recap Photo
- Navisworks
- Fusion 360
- Vault
- BIM 360 tools

- 6 years Steam Plant Design
- 12 Years Piping Design (Oil & Gas)
- 3 Years Autodesk Specialist
Misha Belilovskiy
Director, AutoCAD Product Line Group

• Leading the products that make the world better – AutoCAD Industry Specialized Toolsets
• In charge of AutoCAD quality
• Three decades of experience working with the AutoCAD products
• 22 years at Autodesk testing AutoCAD and running multiple products, including ACA, ACM, ACE, MEP, Map 3D and Plant 3D
Vinod Balasubramanian
Senior Product Support Specialist

Vinod is currently a senior technical lead for AutoCAD toolsets software and a regular speaker at Autodesk University. He is responsible for handling business escalations on support issues, preparing partners for new releases, creating high-quality knowledge content, and helping to improve total experience of product for customers.
Nabil Nougha
Technical Specialist AEC / Plant

Providing technical guidance and adoption to customers and the Autodesk communities in the following products and associated cross industry’s workflows:

- Plant 3D and P&ID
- AutoCAD
- Revit
- Recap
- Navisworks
- Inventor
- BIM 360

- 8 years at Autodesk, based in Dubai since 2014
- 10 Years Piping Designer & Superintendent positions
- Oil & Gas, Water, Petrochemical, Nuclear Industries
Carsten Beinecke
Product Manager PlantTools

Carsten Beinecke has worked in the plant industry since 1988, starting as a drafter, and becoming a supporter and developer for plant software. Carsten has helped numerous customers set up and customize AutoCAD P&ID/Plant 3D. He has a very deep understanding of the database structure of AutoCAD P&ID/Plant 3D, and he supports customers around the world. Carsten is the product manager of PlantTools apps for AutoCAD P&ID/Plant 3D.
Plant 3D Past, Current, and the Future

AutoCAD Plant 3D releases since Apr. 2018
# Plant 3D Updates

## Fixes and Improvements

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Plant 3D 2018, 2019, 2020

Customer Reported Defect Fixes

40+

Customer reported defects are fixed in each of the 2018, 2019 and 2020 releases.

Similar efforts are underway for Rogue.
Plant 3D 2020

- GDPR compliance
- Security enhancements
- Modern look and feel
- **Major performance improvements**
Plant 3D 2020
Performance Improvement
Plant 3D 2020
Performance Improvement
Plant 3D 2020
Performance Improvement
Plant 3D 2020
Modern Look and Feel

4K illustration
Refreshed icons
Dark blue theme
What’s New in Plant 3D Rogue Beta

- BIM 360 Docs
  Migration from “BIM 360 Team” over to “BIM 360 Design (based on Docs)”

- Permission
  BIM 360 Design based Permission Management

- Project Audit
  Audit project database in the Cloud
What’s New in Plant 3D Rogue Beta
What’s New in Plant 3D Rogue Beta?

Desktop

1. Enabled the capability of creating PCFs along with the matching DWG files.

2. Improved Insulation display in Ortho.

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Transparent Insulation in 3D model

Double line Insulation
Plant 3D Future Direction

Performance

Quality

Security

On/With AutoCAD

Experience

Collaboration
Collaboration for Plant 3D with BIM 360 Docs Beta – What to expect
Help Us improve – Rogue Beta Survey

Most Plant 3D Rogue Beta users have already been emailed a survey. We need you to fill out the survey so that we can get a better picture of your experience.

https://feedback.autodesk.com/

Did you have any thoughts about the Beta?
Have you added any feedback in the forum yet?
AutoCAD Plant 3D Rogue Beta

- We are glad to announce AutoCAD Plant 3D Rogue Beta officially GO LIVE. It's available on AutoCAD Customer Council now.

Can’t find the AutoCAD Customer Council?

Email Plant3D.Beta.Team@autodesk.com to request access.
Collaboration for Plant 3D with BIM 360 Docs Beta
What to Expect

1. The same confidence and functionality of Collaboration for Plant with BIM 360 Team
   - Seamless cost effective global work-sharing and collaboration solution for Plant design.
   - Simple, intuitive user workspace.
   - Easy project sharing and management

2. Added permission control as offered by the BIM 360 Doc platform.
   - Folder, Role and user levels of access and permission control.
     - For Example:
       - Prohibit non admin drafters from editing Pipe Specs or Project settings?
       - Prevent P&ID Drafters editing the Piping Designers’ 3D Models?

3. Single Project data storage environment for all users and disciplines
Hot Tips from the Product Support
Plant 3D Project Connection issue on Network

- Issue
  - Users have “Not all files could be added to the project error”

- Cause
  - Network latency.

- Solution
  - Install Plant 2019.2 or 2020.1 updates
  - Affected files – Solutions to try.
Exporting Plant 3D data to Navisworks

- **Issue**
  - Objects don’t show or missing in the Navisworks file.

- **Cause**
  - Missing OE.
  - Incorrect layer.
  - Objects from Vehicle tracking and other sources.

- **Solution**
  - Install the corresponding OE to the Plant version you have.
  - Move objects created in 0 layer.
  - More suggestions [here](#).
Q&A
Onsite Community Conversations
Reference Links

• Autodesk Customer Success Learning Hub: https://customersuccess.autodesk.com

• Autodesk University Online Learning: https://www.autodesk.com/autodesk-university/au-online

• Plant 3D Virtual Community Meetup Resource Store. Includes links for presentations and recordings for previous recordings, as well as the list of topics and other general information:

• Plant 3D Virtual Community Meetup Registration page:
  https://www.autodesk.com/customer-success/plant-3d

• Plant 3D with the Experts video blog playlist:
  Information and links to resources article:
  YouTube Playlist:
  https://www.youtube.com/playlist?list=PLXEyem_18syPZPb68zSgiLQHuwwRJraLW