Laser-Scanning Workflow Process for Chemical Plant Using ReCap and AutoCAD Plant 3D

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This class will cover workflow process for laser scanning utilizing Z&F scanner, ReCap Ultimate software, AutoCAD Plant 3D software, and Navisworks software. You will learn how to use laser scanning and ReCap software in a real-world retrofit project show, and you’ll gain some timesaving ideas about getting scan data into AutoCAD Plant 3D software and working directly inside the point cloud.
Key learning objectives

At the end of this class, you will be able to:

- Learn how to register scans using ReCap 360 Pro
- Learn how to clip scan data out of ReCap and use it inside AutoCAD Plant 3D
- Learn how to bring scan data set into Navisworks
- Learn how to apply survey to control the location of the point cloud
Register
Using ReCap

Create Project
Import Scans
Auto Registration/
Manuel Registration
Auto Registration
Review Registration

Do you want To apply Survey?

YES
Apply Survey

NO
Index Scans

Finished

Select common points in each scan (continue till all scans are registered)

Review Registration

Select Starting Scan Position

Manuel Registration

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