

AutoCAD Electrical Roundtable

Lunch



AutoCAD® Electrical Roundtable

Introduction:

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- Autodesk Reseller - Synergis Technologies - Quakertown, PA
Sales, Training, Consulting
- Manufacturing industries:
Technical Ceramics, Honeywell, OTIS Elevator, Specialty Gas
- Autodesk software:
AutoCAD®, AutoCAD® Electrical, Inventor®, Factory Design Utilities

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Helping you stay ahead.



Class summary:

Are you looking at implementing AutoCAD Electrical at your company? Maybe you are in the process of implementing AutoCAD Electrical, or you tried to implement AutoCAD Electrical and had some issues. With all of the variables to consider such as how many employees will need access, shared content, creating content, templates, managing data, etc., it can be overwhelming. This roundtable session will allow you to discuss the details with other companies who have implemented AutoCAD Electrical, or are in the process like you. Additionally, you will learn best practices for implementing AutoCAD Electrical successfully

This class is intended to help you setup, and use AutoCAD Electrical

Conversation Subjects:

- Installing AutoCAD Electrical
 - Did you install the software?
 - Did you configure before or after installation?
 - Did you have any issues?
 - Are you still having issues?
 - How will you share content with the group?
 - Server
 - Vault
- Do you understand how projects work?
- What AutoCAD tools should not be used?
- AutoCAD Electricals tools that should be used regularly
- Company Scenarios - Do you fall into one of these?
- Need to use AutoCAD Electrical on a regular basis
 - This ensures a stable learning curve
 - Soon you will not want to use standard AutoCAD again

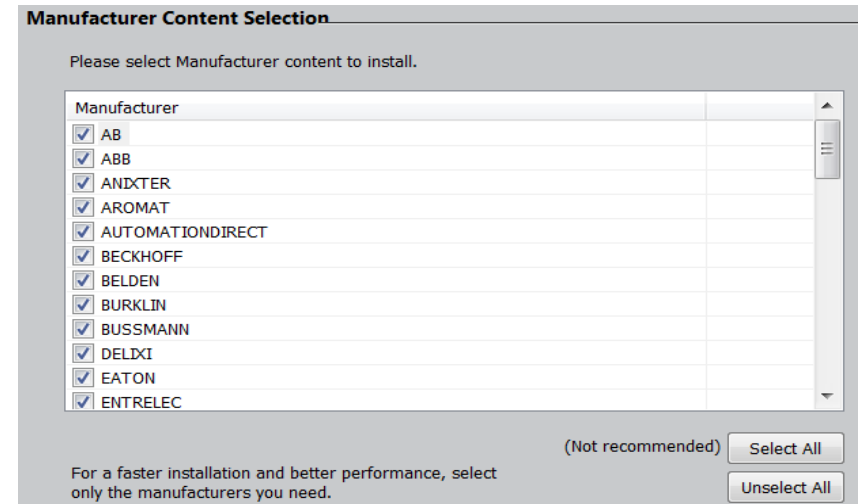
Roundtable = Tap into the wisdom of the crowd to reach a common understanding of topics, and have an audience discussion

Installation:

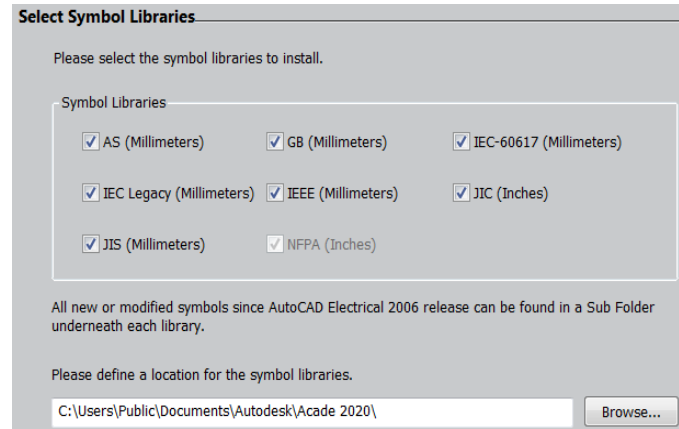
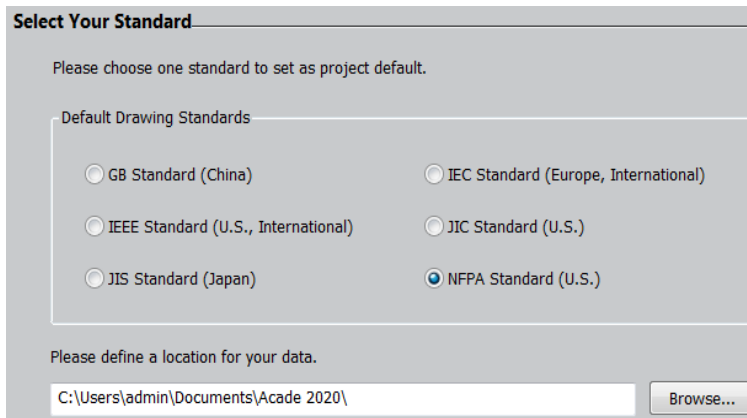
Did you know about the Configuration Settings?



Select the vendors to include in database:

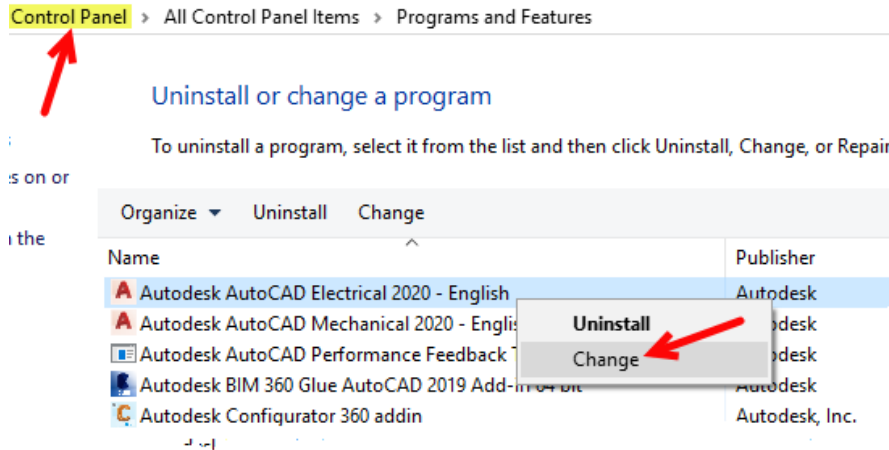


Other settings:



Installation:

You didn't configure before installation?



Using data out-of-box locations?

- C:\Users\ *User login* \Documents\Acade 2020\AeData\wd.env (Environment file)
- C:\Users\ *User login* \Documents\Acade 2020\AeData\Proj (Projects)
- C:\Users\ *User login* \Documents\Acade 2020\AeData\en-US (Databases)
- C:\Users\Public\Documents\Autodesk\Acade 2020\Libs (Libraries)
- C:\Users\ *User login* \AppData\Roaming\Autodesk\AutoCAD Electrical 2020\R23.1\enu\Support (Icon Menus)
- C:\Users\ *User login* \AppData\Roaming\Autodesk\AutoCAD Electrical 2020\R23.1\enu\Support (Descriptions file)

Projects - Do you know how they work?

Out-of-Box:

- DEMO01.DWG
- DEMO02.DWG
- DEMO03.DWG
- DEMO04.DWG
- DEMO05.DWG
- DEMO06.DWG
- DEMO07.DWG
- DEMO08.DWG
- DEMO09.DWG
- Nfpademo.wdp

*.wdp = Project File

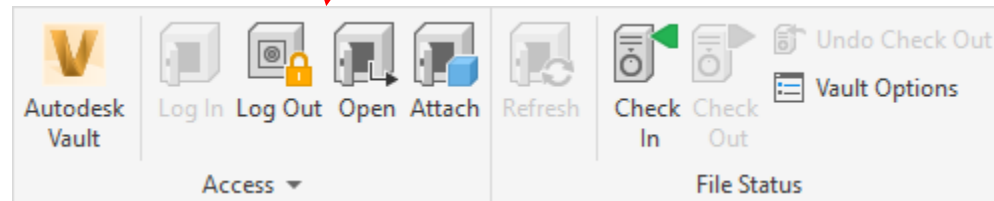
- Project file is the parent
- DWGs are the children
- Additional supporting files can be used

Server vs. Vault?

- Vault knows this relationship and will check-in as parent/child relationship

Properties:

- Project Properties
- Drawing Properties:
 - Schematic
 - Panel



Enforce consistent working folder for all clients

Client Working Folder:

C:_Vault WIP

AutoCAD tools vs. AutoCAD Electrical tools:

General rule - If there is an AutoCAD Electrical tool use it!

- AutoCAD tools you shouldn't use:
 - ERASE (also keyboard delete) → Use Delete Component, Trim Wire
 - PURGE → Use the purge from the Utilities tool
 - INSERT → Use the Icon Menu
 - UNDO → One at a time
- AutoCAD tools that can save you time:
 - Design Center (Ctrl+2)
 - RENAME
 - WBLOCK
- AutoCAD Electrical tools you should be using on regular basis:
 - Utilities tool → Manages wire number; Purges unused blocks
 - Project-Wide Update Retag → Updates wire numbers, components, and cross references
 - Electrical Audit → Reports errors (Does not fix them)
 - DWG Audit → Fixes wire number floaters; Shows valid wires

Company Learning Scenarios:

Scenario #1:

Company made decision to move to AutoCAD Electrical. Internal debate for providing training, or learning as they go.

Scenario #2:

Users learned on their own or took training, but haven't been using AutoCAD Electrical on a regular basis.

Scenario #3:

Users are experienced in the typical use of AutoCAD Electrical. Looking for more advanced functionality to be more productive.

Scenario #4:

Advanced users. Investigating ways to automate AutoCAD Electrical.

All Scenarios:

Are the team members working as a group, and using shared content? If so, is the shared content in Vault, or located on the server?

Questions?

Thank you!