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LICENSING

HOW IS A CURRENT CADWORX STEEL USER IMPACTED WITH THE RELEASE OF CADWORX STRUCTURE?
CADWorx Steel is no longer available with the release of CADWorx 2018. CADWorx Structure uses the same license as CADWorx Steel, so the stand-alone user will see no impact. CADWorx Structure is a separate, standalone product that will come on a separate CD with its own installation. This product will be included in the CADWorx Plant Professional bundle and can be run concurrently with CADWorx Plant with the use of its own license. Contact your local sales representative for more information.

WILL WE HAVE TO CHANGE OUR LICENSING TO SPLM FROM THE HASP KEYS TO USE CADWORX STRUCTURE WITH CADWORX PLANT?
No. SPLM licensing and HASP key licensing are both supported by CADWorx Structure and CADWorx Plant.

INTEGRATION

CAN CADWORX PLANT MODELS BE REFERENCED INTO CADWORX STRUCTURE?
Yes. The CADWorx Structure model is a CADWorx model, and it can be referenced in CADWorx Plant (or vice versa) just like users have been able to do in the past.

CAN CADWORX STRUCTURE BE RAN CONCURRENTLY WITH AND INSIDE A CADWORX PLANT SESSION?
Yes. CADWorx Structure can either be run concurrently alongside an active CADWorx Plant session or it can be initialized via a manual AutoCAD command-line function from within CADWorx Plant. In each case, CADWorx Structure is a separately running application from CADWorx Plant, which results in the use of one license per application running at any time. Refer to Appendix B of the CADWorx Plant User Guide for more information on how to load CADWorx Structure from within CADWorx Plant.

HOW COMPATIBLE IS THIS WITH CAESAR II PIPING MODELS?
The CADWorx Structure model is a CADWorx model and it can be referenced in CAESAR II just like users have been able to do in the past. In addition, the CADWorx Structure 2019 version introduced the ability to create a str file to be exported to CAESAR II.
ARE WE ABLE TO USE THE SAME CFG AS WE DO IN CADWORX PLANT?
No, but the CADWorx Structure CFG file works just like the CADWorx Plant CFG file, so users should find it familiar.

WHAT IS THE WORKFLOW FOR MOVING A LEGACY CADWORX STEEL MODEL INTO CADWORX STRUCTURE?
Legacy CADWorx Steel models are able to be upgraded to CADWorx Structure elements starting with the 2019 version. Using the Legacy Upgrade command, the user can convert members, plates, ladders, stairs, and handrails to the more modern CADWorx Structure objects so that they can be edited and modified.

CAPABILITIES

CAN DETAIL STRUCTURE FABRICATION DRAWINGS BE PREPARED WITH CADWORX STRUCTURE?
No. CADWorx Structure is a design software and does not have automated detailed shop fabrication drawings.

ARE ANY STRUCTURAL ANALYSIS TOOLS PROVIDED WITH CADWORX STRUCTURE?
CADWorx Structure can export CIS/2 Analysis type files, allowing users to utilize GT STRUDL® or any other Structural Analysis tool for Structural Analysis functionalities.

WHAT ARE THE BUILDING INFORMATION MODELING (BIM) FUNCTIONS OF CADWORX STRUCTURE?
CADWorx Structure is a general structural steel and concrete modeling application that has multiple steel tables included. It is suitable for use in BIM projects now. Users can export CADWorx Structure models to an IFC file using CADWorx Design Review Professional (CDR Pro).

ARE THERE ANY CONCRETE/FOUNDATION FUNCTIONS?
Concrete type structure elements were introduced in CADWorx Structure 2018. With this release, Slabs, Walls, Concrete Members, and Footings/Foundations were added to the existing functionalities of this structure application.

CAN THE STEEL SHAPE LIBRARIES BE MODIFIED AND CUSTOMIZED?
Yes. CADWorx Structure Editor can be used to modify, add, or delete portions of steel libraries so that the designer only sees the available cross sections when modeling.
WHAT ARE THE AVAILABLE CROSS SECTION LIBRARIES?

CADWorx Structure includes 18 international steel catalogs:

- AISC 15.0 – Imperial
- AISC 15.0 – Metric
- AISC 15.0 – Metric-Inch
- AISC 14.1 – Imperial
- AISC 13.0 – Imperial
- AISC 3.1 – Imperial
- AISC 3.1 – Metric
- CISC – Canadian
- IMCA – Mexican
- SAISC – South African
- EURO – European
- EURO - OTUA – European
- Japanese
- India – BIS
- Chinese – GB
- Russian
- German
- Australian
- UK (BS5950)

DOES CADWORX STRUCTURE WORK IN IMPERIAL OR METRIC UNITS?

Users are able to model using either Imperial (English) or metric units in CADWorx Structure.

CAN WE PERFORM A CLASH CHECK BETWEEN CADWORX STRUCTURE ELEMENTS?

Clash detection functionality was introduced in CADWorx Structure 2018 and allows the user to monitor clashes as the modeling tasks are being done. Clashes can be detected between xref’d objects or native structure elements, including user-defined maintenance or usability volumes.