

WHO USES SDS/2 CONNECT?

ENGINEERS

FEATURES



AUTOMATIC CONNECTIONS WITHIN REVIT

The software automatically designs connections within the Revit environment, allowing structural engineers and fabricators to design, conduct code check analysis, and extend steelwork designs to fabrication within a BIM workflow.



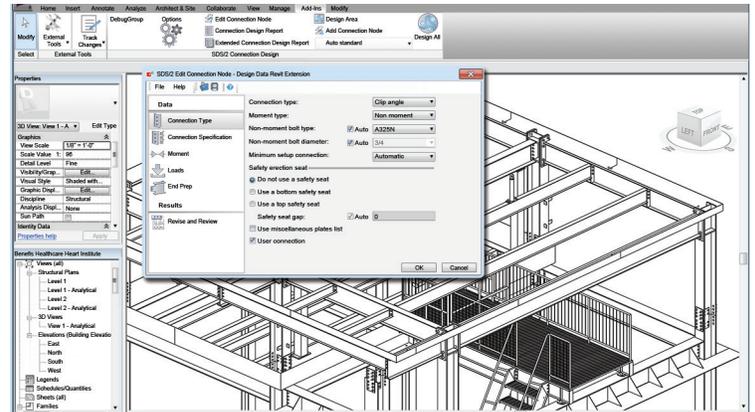
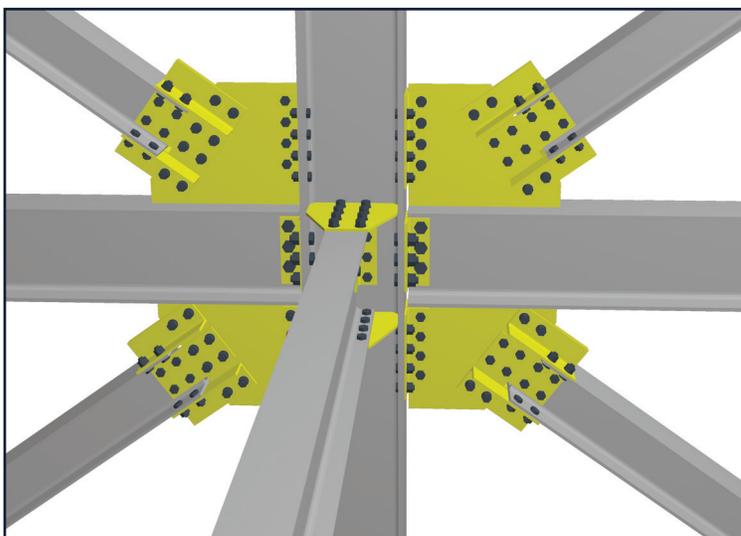
ROUNDTRIPPING DATA BETWEEN PLATFORMS

SDS/2 Connect facilitates a bi-directional transfer of information through the direct API interface between Revit Structure and SDS/2, round-tripping the engineer's information to the steel fabricator/detailer and vice versa.



SHORTENS DESIGN TIME

SDS/2 Connection shortens the time needed for connection design and sketch creation dramatically, while allowing for visualization of the connection inside the Revit Structure design model.



SDS/2 and Autodesk® have collaborated to streamline the BIM workflow, incorporating new technology between SDS/2 software solutions and Autodesk® Revit® Structure.

CUSTOMIZE CONNECTIONS INSIDE REVIT

More robust than simply an IFC or CIS/2 model exchange, SDS/2 Connect designs connections and gives users the ability to customize these connections inside of Autodesk Revit Structure, and seamlessly transfer building information modeling (BIM) data to enhance the construction process.

SDS/2 Connect offers the highest level of automation and intelligence available in 3D connection design. With unparalleled intelligence, SDS/2 Connect gives you the power to get the job done.

As the user inputs columns, beams and braces, connections are automatically designed with their necessary materials, bolts, holes and welds. SDS/2 Connect takes a uniquely intelligent approach in its connection design by considering framing conditions and erectability, automatically performing clash prevention as a part of its connection design.

In addition, SDS/2 Connect can value engineer the connections on a project, helping users to design the most economical connections to fabricate and erect. No other 3D product can do this automatically. Once connections are designed, they can be sent downstream to the manufacturing level. Both member and connection information is preserved and transferred to SDS/2 for detailing with the precision necessary for fabrication. Both the SDS/2 and Revit models are synced so that changes can be reflected in both software packages and updates easily made.



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