SRINSOFT

Collaborative Work
Sharing in Cloud
integrated with Windchill

We help clients adopt to technologies that make their business better!

Client Summary

- US based largest energy techniques and selling energy company provides energy solutions helping utilities and industries to manage electricity from the point of generation to the point of consumption

- Their annual turnover is US$ 37 billion and global presence in 130 countries

Executive Summary

- Customer power plants produce one-third of the world's electricity as of 2018. A case study on how SrinSoft helped a US-based energy techniques company adopted Revit cloud work-sharing with Windchill synchronization.

Business Challenge

- The client would like to build a platform to integrate Revit with custom built windchill in client server.

- User collaboration in Revit with Windchill Synchronization

- Need to generate Revit sheets in a dedicated CAD Document linked to main Revit CAD Document.

- Collaborative work environment with revision management

- Secure file transfer in collaborative work sharing

Solution

SrinSoft has built and implemented the solution with following processes

- Solution to work on Revit central files in multiple geolocation amazon cloud-based setup

- Procedure to publish Revit projects, reference files for lifecycle management

- Option to publish drawing sheets from Revit projects as DWG/DWF/PDF

- Option to publish BOM for each category in Revit

- Create relationships and dependencies from files generated from Revit (Like Sheets, BOM, Reference files etc.) and represent those references in client custom built windchill server

- Version control on Revit data to record complete traceability of changes

- Manage Revit data within the client custom built Windchill server with the engineering industry change management process

- Publish 3D model as viewable (Creo View) to Windchill

- Identifying changes in Revit sheets and perform iterations for sheets

- Cloud-based collaborative work sharing integrated with AWS cloud

Business Benefits

Our remarkable solution enabled the following benefits :

- Cloud-based works sharing in multiple locations with revision management

- Increased operational efficiency and improved user productivity

- Can perform PDM actions from Revit

- Change Management Process implemented

- Secure collaborative work sharing environment and seamless integration

- Delivered a cost-effective solution

To Know more about our Revit WGM Services:

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