



# BIM Data Exchange Solutions

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

## Client Summary

- US based Research and Development arm of a leading organization in entertainment industry. Responsible for designing and building theme parks, resorts, cruise ships, and other entertainment venues at all levels of project development.
- Annual turnover is US \$ 59 Billion.

## **Executive Summary**

- The client has 140 different job titles fall under the banner including illustrators, architects, engineers, lighting designers, show writers, graphic designers, etc.,
- Different creative department needs a platform to share the design and data to collaborate and built a theme park, resorts, cruise ships, and other entertainments.

## **Business Challenge**

- The client works with multiple design packages on a day-to-day basis for all of their projects, like AutoCAD, SolidWorks, SketchUp, Rhino, Revit, Maya, 3D Studio Max, Katana, Unreal Engine, Houdini etc.
- Designs of massive theme park structures were modeled in Rhino and Revit, while mechanical components were modeled in SolidWorks and animation characters were developed using SketchUp, Maya and 3D Studio Max.
- Collaborative work sharing across teams by exchanging design data to put all the pieces together from various design packages, inside Revit and develop a consolidated project was impossible and they were looking for a seamless solution.
- The client was also involved in similar large-scale projects involving capturing of point cloud data and converting it to 3D BIM models for further analysis and evaluation with respect to repair and preventive maintenance of structures and was in desperate need of a BIM partner.

## **Solution**

- SrinSoft has provided a solution to the client with their revolutionary and ground-breaking BXF file format for interoperable design data exchange. SrinSoft has created an intelligent BXF file format which can be exported and imported across, mechanical design, BIM, Gaming & Animation, and Design software.

- SrinSoft developed a custom solution for the client to seamlessly transport models and designs between the various software packages that the client was using, which solved their business problem and increased their design process efficiency.
- SrinSoft, with its expertise in BIM, also assisted the client with their point cloud to 3D BIM conversion requirements by converting the captured point cloud data into intelligent Revit Projects that can perform native structural analysis.

## **Business Benefits**

Our solution enabled the following benefits:

- Additional effort on redesigning the Revit files has been eliminated
- Enabled a quick turnaround time of projects by adopting collaborative sharing of models through interoperability.
- Boost delivery and operational efficiency
- Reduce cost and improve the value
- Improve collaboration across the supply chain
- improve the quality of customer outcomes
- User-friendly conversion process

## **To Know more about our Interoperable Solution:**

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