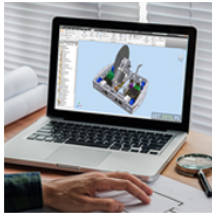


## FLATWORLD PROVIDED 3D MODELING AND LEGACY FILE CONVERSION SERVICES FOR MANUFACTURING



### Client Profile - Leading Steel Fabrication Company

The client is based in the United States (New Jersey) and has provided customized steel fabrication services for 80 years. They manufacture products that include food service equipment, kitchen ventilation systems, tray dispensers, hot food tables and dish/tray handling carts that have revolutionized food distribution processes.

### Client Requirements and Challenges - 3D Models of Food Service Trays

The client needed an engineering services partner to help with creating 3D models for sheet metal tray fabrication designs and converting legacy design files to updated formats using Autodesk Inventor 3D software. Requirements included coordinating workable and cost-effective designs for both tray handling carts and food processing/serving units.

The project involved these primary challenges -

- + Accurately interpreting legacy design file markups
- + The project involved both whole product and individual component designs

### The Solution - by Flatworld Solutions

The Flatworld Solutions 3D modeling experts developed this solution -

- + The team included an account manager, two 3D modeling specialists and a quality analyst
- + Prior to the project, the client provided PDF files for each design and created secure vaults for uploading final designs
- + The Flatworld Solutions (FWS) team completed 3D models and legacy conversions according to all client design requirements and scheduling milestones

### The Results - Helped Client Convert Legacy Files and Create New 3D Models

This project demonstrates a frequent dual scenario for many clients - the need to create accurate 3D modeling to support both manufacturing and marketing processes in combination with the practical requirement to convert outdated legacy designs to contemporary formats that meet current manufacturing quality standards. In this case, FWS was able to quickly and [cost-effectively](#) satisfy both client needs.

Flatworld Solutions is an ISO certified global provider of outsourcing services with two decades of experience. The FWS 3D modeling team operates on a 24/6 basis that facilitates fast turnarounds when needed. We are a one-stop outsourcing provider. In addition to specialized 3D modeling services, our international team of experts can help with diverse operational needs such as multilingual invoice data entry, rapid prototyping, and data cleansing.

The FWS team follows a customer-centric design approach and to fulfill custom scheduling and budgets requirements of each client. Our client list includes Fortune 1000 companies as well as individuals and family businesses.

[Contact Flatworld Solutions today](#) to discuss our customized legacy file conversion and 3D modeling strategies.