

# CAD Design Engineering Services



## *North America*

### Business Issue

After an acquisition, a medical technology company was seeking a partner that could assist them with a huge requirement to convert design documents to the new parent company technology platform. The effort required a process of revising, rebuilding, and inventing more than 4,000 design documents onto the SolidWorks 3D Platform. With their core design engineering team focused on new product development they needed a partner who could build a team of design professionals and manage the entire conversion process to completion. The client did not have the expertise, manpower, or the required management services to complete this task on their own.

### Solution

Manpower Engineering implemented a resourced managed solution for complete program oversight. The resource managed team included 18 dedicated engineering and design professionals, providing a solution that includes:

- Engineering and design resources
- Project management
- Engineering/Engagement management
- Work output & quality monitoring
- Metrics reporting
- Document Control

### Results

Manpower Engineering established a communication and change management plan that delivered results. The client core team and resource management team implemented governance work cadences to work effectively together, and a new training process was established for newly hired design engineers. Furthermore, Manpower Engineering:

- Set client stakeholder quarterly business meetings to discuss the overall program, forecast future demand needs, and eliminate hurdles to success
- Established a new metrics reporting system that is being considered for transition to the client core team

