

# Design Process Study



**FISHER/UNITECH**

**Product Lifecycle  
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The Design Process Study will be aimed at collecting critical data about the current engineering and design process at a company, mapping the process and creating an effective implementation and migration plan for Solid Modeling, including Design Automation.

## **SCOPE**

The scope of the study will be limited to the engineering and design department and specifically to the optimal utilization of engineering and design-related activities. The study would include internal customers of engineering such as manufacturing or sales.

## **METHODOLOGY**

A FISHER/UNITECH consultant will visit the site and conduct interviews with key members of management, engineering and design departments. The consultant will collect essential data and develop a detailed plan for the implementation of Solid Modeling. The key components of the study include the following:

- Examine overall workflow of the current design process
- Create a process map of design-related activities with new software
- Identify gaps, duplication and waste in the existing process, if any.
- Recommend training and document a plan to implement the new software, and document best practice activities.
- Identify design automation opportunities.

## **INTERVIEWS REQUESTED**

- Director of Design & Engineering
- Design Leader
- Engineering Leader
- Manufacturing Engineering Leader

## **DELIVERABLES**

FISHER/UNITECH will collect data for the process map which will include an outline of data flow in Engineering and the utilization of SolidWorks and other software modules. Upon completion of the interview process and data collection, we will provide:

- New Process Map
- Recommended requirement for training, implementation and best practices
- Suggestions for an automation system, if feasible

## **INVESTMENT**

The cost of the Design Process Study is \$3,500.