



# Global Engineering and Technology Development

**Our client designs and manufactures mechanical systems for residential, commercial, transportation and industrial applications. The teams involved were from many tiers inside the corporation; business units and suppliers are distributed by location and function. The TeamPort approach was introduced to a core team responsible for product design, commercialization and manufacture on a worldwide basis.**

## Problem

GPD's client was faced with a complex initiative to transfer technology, manufacturing capability and intellectual property from one region of the world to another. Complications included design parameters, different environmental regulations, customer desires and requirements and spending limitations.

## Solution

Over a few weeks the core team was led through a rapid design session to capture and simulate the project's deliverables, standard work processes, dependencies, and teaming. A visual model showing the entire product development project was created from Product, Work, and Team views. More than 50 forecasts of likely duration and cost were generated during the workshop to provide a most likely plan and estimate for product rollout.

## Results

More than 100 forecasts of likely duration and cost were generated after the initial workshop and for a two month period afterward in an iterative dialogue between the core team and related teams across functions and divisions of the business. Combined with progress reports and changes in project strategy related to spending and product rollout, support was provided to Program Managers to enable decision making at critical stage gates in the Product Development process.