



OPERATIONS AND CONTINUOUS IMPROVEMENT

Manufacturing Capacity Assessment for Biopharmaceutical Company

THE NEED

A small, new EU based biopharmaceutical company combined two manufacturing facilities into a single new network for manufacturing. The new company leadership wanted to understand the current and potential capacity of its individual plants and the overall company network. This information was needed to inform the strategic investment plan over their long range plan (LRP).

THE APPROACH

- The Primecore team gathered current information on capacity from the two individual plants and assessed the quality of the current models.
- For those models that were of acceptable quality, the team validated the assumptions and then utilized the output to understand the potential capacity
- For many of the client's manufacturing processes there was not a viable capacity information available and, in these cases, the Primecore team worked with the client's representatives to understand individual step times to generate detailed capacity models.
- With the final capacity models developed, multiple scenarios were run and investment recommendations generated to optimize throughput

THE SOLUTION

- The client leadership team received a summary of the models and investment recommendations over the long range plan (LRP)
- The model was adaptable for future use by the client and maintained for internal capacity modeling
- The leadership aligned on potential for the network and now had accurate information to make strategic investment decisions



THE RESULTS

- *A roadmap of investments was developed illustrating how the client could realize the full potential of their network*
- *Primecore was then asked to begin the planning for the investments required to reach the potential capacity and aided the client in selecting an engineering firm to perform feasibility studies and conceptual designs.*

