



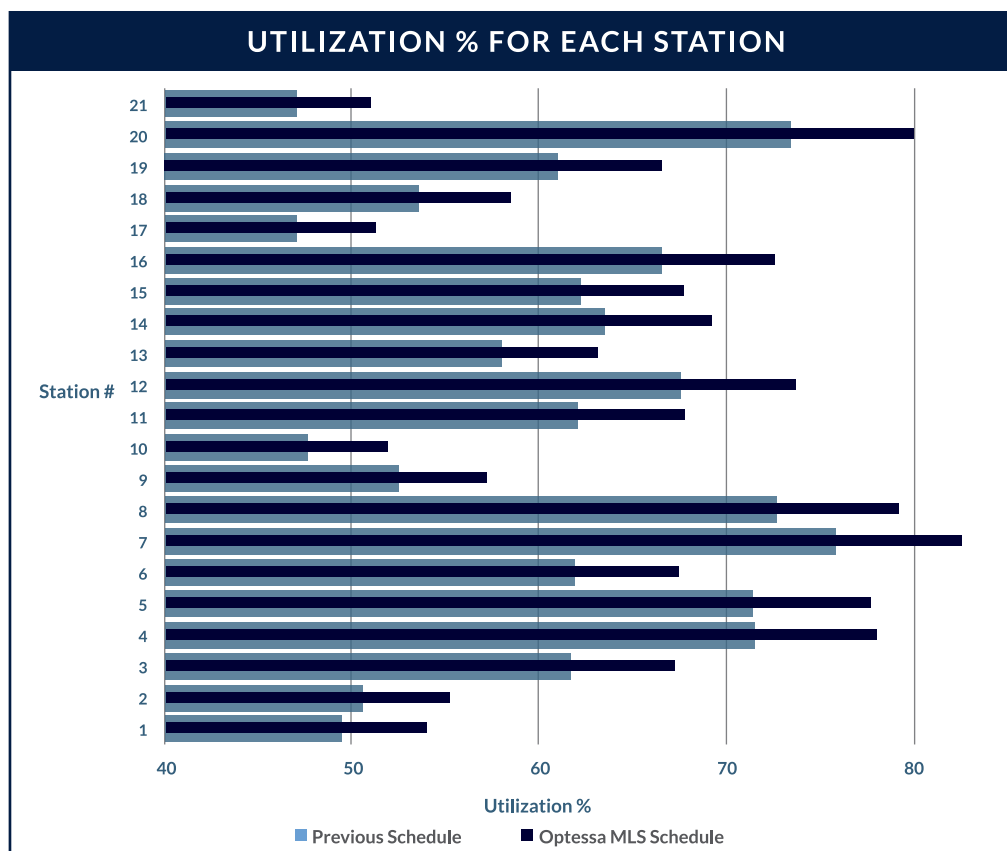
Increase Throughput and Unlock Capacity with Optessa

Optessa high throughput schedules. For example, an annualized benefit of \$2 million was evaluated by an engine manufacturer based on an over 9% throughput improvement provided by the Optessa schedule as compared to the previous scheduling process.

The patented Optessa scheduling algorithm achieves these amazing results by

- ◆ Controlling the model mix in the sequence
- ◆ Better aligning cycle times across the different stations in the line
- ◆ Minimizing inefficiencies due to shifting bottlenecks and starvation
- ◆ Simultaneously applying both process/routing data and plant constraints in a single optimization model

The chart shows the Optessa production schedule that increased the capacity utilization of each station on the line and overall throughput by over 9%, as compared to the previous scheduling system.





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How Capacity Planning is Important for Operations Management

Rough Cut Capacity Planning

