

RAVEN ROI:

Success with Nobel Biocare



Nobel Biocare is a precision components company, leading in the field of dental restorations across the globe. Nobel Biocare's goal is to empower dental professionals to give quality of life back to patients, built on 65+ years of innovation. In response to strong demands, Nobel Biocare needed to increase output using their existing production processes.

THE CHALLENGE

- Increase output using existing machines and people
- Analyze and improve OEE metrics
- Understand reasons for production downtime



THE RAVEN SOLUTION

- Equip 40 CNC machines with Raven's smart devices to capture a production timeline, accounting for every second
- Collect and analyze data from both machines and operator input
- Review data from workflow changes, team training and real-time alerts
- Identify core production issues and determine productivity improvements

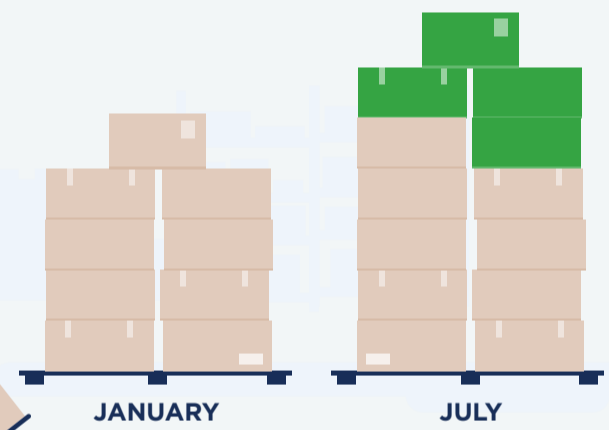


THE RESULTS

Gain of 21% OEE in 6 months

From 75% to 91%

By using Raven to identify where downtime and losses were occurring, Nobel Biocare increased OEE in a short timeframe, improving throughput.



Improved setup time by 27%

From 783 to 577 hours per month

By automating downtime labeling using Raven, Nobel Biocare was able to standardize and streamline their setup process — saving 16 minutes of setup time per hour.



2.4M\$ gained annually through cost reduction

Based on a full year at \$204k per month

By improving throughput, Nobel Biocare reduced their fixed costs for every unit produced and increased overall margins.



Eliminated waiting downtimes by 93%

From 1500 to 100 hours per month

By using real-time alerts and notifications, Nobel Biocare was able to minimize downtime and setup an efficient, user-friendly communication system on the shop floor.

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