

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.



OBJECTIVE

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



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



RESULTS

- Gained 21% OEE in 6 months (75% to 91%)
- Improved setup time by 27% (from 793 hours to 577 hours/mo)
- Eliminated waiting downtime by 93% (1500 hours to 100 hours/mo)
- Attained \$2.4M annually through cost reduction (based on a full year at \$204k/mo)

RAVEN

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