CENGN

RAVEN AI INNOVATION HIGHLIGHT

RAVEN

COMPANY OVERVIEW

Raven AI helps some of the world's top manufacturers improve faster by leveraging existing ERP/MES solutions with their Intelligence Awareness Platform (IAP), known by the company name Raven. Raven is an integrated offering that improves and triggers data-informed solutions to problems on the shop floor. Raven cleans interprets, and structures data to improve manufacturing capacity and drive continuous improvement.

LOCATION: OTTAWA, ON

TECHNOLOGY

Data Centre and Cloud

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1/3 OF MANUFACTURING CAPACITY WASTED

1/3 of manufacturing capacity is wasted, costing the manufacturing industry $650b/year (Accenture, 2016). Raven aims to be the benchmark for contextual time, improving manufacturing profitability and the day-to-day work of millions of people. Raven captures data by operators and machines with contextual analytics and automated downtime labelling™. With this data, Raven creates a precise snapshot of production up time and downtime by providing context to operator input.

DECREASING UNWANTED DOWNTIME TO INCREASE PROFITABILITY

The platform accelerates improvement for top global firms. With an emphasis on Client ROI, Raven provides fewer micro-stops, better shift changes, less waiting time, and better changeover. With a precision components and parts manufacturer, Raven delivered a 24x ROI (+1.8M in Incremental Revenue, +14% Capacity increase, and +1500 machine hours/mo) in 9 months by reducing unwanted downtime. With proven manufacturing credibility, Raven continues to pave the way for contextual time and a unique product offering, that offers consistent continuous improvement.

IDENTIFYING RAVEN AI'S LINEAR SCALABILITY

Raven AI completed a CENGN project to validate that their platform scales linearly, identify the maximum number of processes that can be deployed, and identify bottlenecks that lie in the platform. As a result of the testing, Raven is now well ahead of their scheduled roadmap milestones and gained confidence that their platform works on-prem just as well as on Google Cloud. The testing not only proved that the platform is within the expected performance parameters, but also provided insight into its current scaling limits for running processes concurrently.

> "The CENGN Testbed allowed us to improve both the performance and portability of our technology giving us a competitive advantage."

Martin Cloake
Chief Executive Officer,
Raven AI