

EXECUTIVE SUMMARY:

The Business Value of HighByte Intelligence Hub



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BUSINESS VALUE HIGHLIGHTS

339%
faster to complete a new project

8-month
payback on investment

448%
three-year return
on investment

\$8.7 million
additional annual
revenue

\$1.9 million
equipment-related annual savings

53%
faster to resolve
unplanned downtime

315%
increased data throughput

60%
more employees with access to
analytics capabilities

61%
faster predictive maintenance
implementation

78%
decrease in data latency

360%
increase in data access speed

\$10.5 million
in annual average benefits
per organization

This IDC Business Value White Paper quantifies and investigates the experiences of manufacturers who have deployed HighByte Intelligence Hub.

Through more effective use of operational data, organizations reported being able to reduce downtime, optimize parts management, improve the availability of assets, and enhance other key metrics related to optimizing costs and the efficacy of assets across their life cycle. Beyond asset life-cycle management optimization, organizations saw increased collaboration between IT and operational technology (OT) teams through the use of the Intelligence Hub and the adoption [Continue reading ➤](#)

and successful use of the Intelligence Hub by non-developer roles, which improved visibility and access to data across multiple use cases. Therefore, they consider the investment in the Intelligence Hub to be of broader strategic value in preparing their organization for more extensive use of AI moving forward.

IDC conducted research that explored the value and benefits for organizations using HighByte Intelligence Hub to enable real-time, contextualized industrial data integration across IT and OT environments.

Based on interviews and data sets employing a specialized Business Value methodology, IDC calculated that these organizations achieved benefits worth an annual average of \$10.5 million per organization (\$518,000 per 100 employees working in the HighByte Intelligence Hub environment) and a three-year ROI of 448% by:

- Enabling efficiency gains through streamlining data integrations, reducing the time needed for data transformation and deployment, and ensuring easier maintenance of data connections
- Supporting scalability beyond pilots through enabling access to data across multiple use cases, business units, and sites
- Enabling significant equipment-related cost savings by improving visibility into asset health and fostering condition-based maintenance
- Reducing the need for emergency repairs and downtime by automating dataflows and triggering timely alerts, thereby minimizing manual intervention and extending equipment life
- Allowing organizations to generate millions in additional annual revenue and reduce material costs through faster innovation and improved analytics
- Providing significant business benefits and increases in revenue by enabling faster innovation, improving operational agility, and reducing costs
- Moving from manual, time-consuming processes to automated, real-time systems that support better decision-making and faster time to market
- Reducing downtime and maintenance costs by enabling predictive maintenance and real-time monitoring of equipment
- Serving as a force multiplier, allowing organizations to achieve more with fewer resources while driving measurable improvements in efficiency, responsiveness, and competitiveness

[Read the full white paper](#)