



CASE STUDY

Godrej & Boyce gains full visibility across 15,000 assets with Octave Attune EAM

Key facts:

Company: Godrej & Boyce Mfg. Co. Ltd.

Website: www.godrej.com

Industry: Aerospace, Construction, Consumer Goods, Power, Precision Engineering

Headquarters: Mumbai, India

Employees: 14,000

Octave products used: Attune EAM (HxGN EAM)

Key benefits:

- Track and manage over 15,000 assets, 1.5 million part references and 125,000 documents
- Improve asset uptime from 60% to more than 95%
- Reduce inventory costs by 45%
- Improvement in effective labor utilization by 70%

Godrej & Boyce Mfg. Co. Ltd. (G&B) has been contributing to India's economic progress since its establishment in 1897.

G&B, known for its exceptional engineering and innovative spirit, is part of the Godrej Group, which generates a revenue of USD\$4.1 billion. The company operates across 10 different industries, offering a diverse range of products and services, from custom engineering solutions to consumer goods, appliances and furniture.

"Our products and services positively impact the lives of one-third of India's population - and, through our overseas subsidiaries and joint ventures, we serve 1.1 billion customers across five continents," says Nitin Patil, General Manager of Manufacturing at Godrej Precision Engineering and Global Process Owner of Maintenance.

The challenge

The scale and diversity of activities made it difficult for G&B to track and maintain more than 15,000 assets across its 14 business units. "We had an application that had been developed in-house to coordinate maintenance activities, but it did not allow us to track asset data with the granularity we wanted. In addition, extracting maintenance analytics, KPI information and reports was done manually, and it took a lot of time. Last but not the least, it was not connected to our ERP or our spare part inventory," Nitin Patil says. A key objective of implementing a new asset management



solution was to streamline the maintenance processes across a diverse range of assets, including manufacturing plants, facilities and fleets. The solution should be able to plan, track and manage maintenance in every vertical in real-time.

The company also saw opportunities to use AI and machine learning to cut machine downtime, sharpen decision-making and gain greater agility. To capitalize on these opportunities, they required a best-in-class solution that could easily connect to third-party systems and deliver the benefits associated with Industry 4.0 and Robotic Process Automation (RPA).

“Attune EAM helps us monitor and oversee the deployment, performance and upkeep of more than 15,000 fixed and dynamic assets. This best-in-class solution has been instrumental in helping us prevent unforeseen operational issues, increase asset uptime and lower our overall expenses.”

Nitin Patil
 General Manager of
 Manufacturing at Godrej
 Precision Engineering
 and Global Process
 Owner of Maintenance

Contract	Month	Labor	Mat...	Local P...	Miscell...	Permi...	Transpo...	Invoice O/S	Interest on...	Interest ...	Interest on ...	Depreciation...	Total Expense	Revenue	Profit Amount	Profita
13130	JAN-2020	0	0	0	0	0	0	0	0	0	0	4173.84	17119.59	21293.43	0	0
13130	FEB-2020	0	0	0	0	0	0	57820	313.19	0	0	4173.84	17119.59	79426.62	57820	-21696.1
13130	MAR-2020	0	0	0	0	0	0	57820	313.19	0	0	4173.84	17119.59	79426.62	289100	209673.3

This profitability grid is tailor-made for the Godrej Material Handling business and is used to calculate profit/loss for rental contracts. The Material Handling business doesn't track labour, material and other costs separately for contracts. Those costs are included in the total monthly invoice, and that's the reason why other columns display "0".

The solution

The four key reasons why G&B selected Attune EAM:

- Attune EAM offers real-time monitoring and reporting capabilities, allowing G&B to track the performance of its assets and make more informed decisions
- It provides a common solution for all business verticals, with the flexibility to address the needs of various business units, making it an ideal solution for G&B's diverse operations
- Its advanced capabilities drive a more effective use of resources and help reduce operational costs
- Its uptime is higher than traditional maintenance applications

Attune EAM's intuitive user interface was also a decisive factor, Nitin Patil explains. "The project involved the implementation of Attune EAM for over 2,000 people across 35 distinct locations, so ease of use was a must-have.

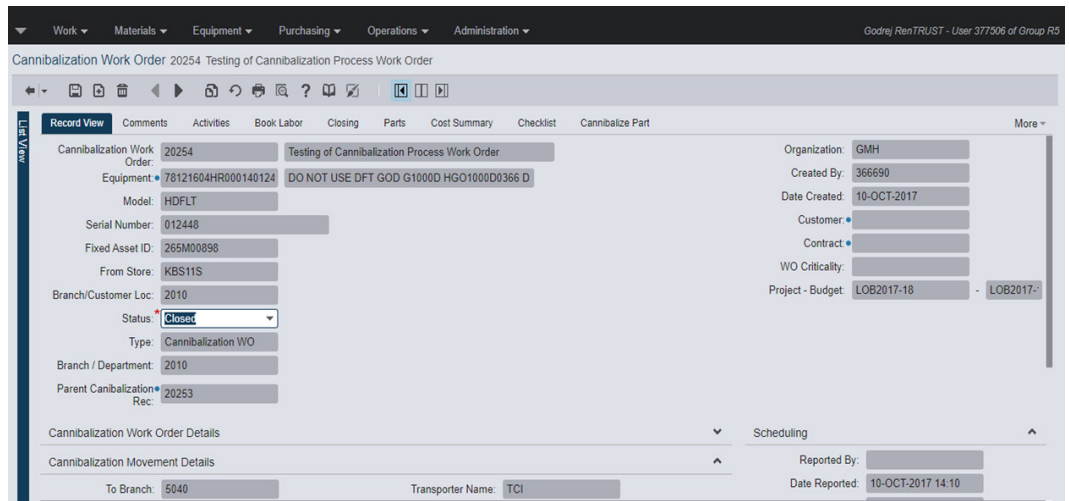
We were very pleased to see that users could become proficient with the software within a couple of weeks".

Today, Attune EAM has been fully implemented by Octave's implementation partner Godrej Infotech Ltd. and is used to manage over 150,000 assets, 1.5 million part references, 95,000 work orders per year

and 125,000 documents. Attune EAM is being used in all businesses of G&B effectively to carry out day-to-day maintenance activities.

The platform is integrated with various systems, including the company's ERP, MES and CRM systems, as well as its in-house customer request application.

With such a massive inventory, the shift was a significant undertaking. But Octave's support with implementation, migration and training helped G&B to successfully deploy its new platform in just two months. "Octave's domain experts and professionals played a critical role in the success of our project. The support they provided with project delivery and handover, as well as after the go-live, was outstanding, ensuring a successful deployment and a smooth transition."



This Equipment Cannibalization Work Order is custom developed for Godrej & Boyce and gives them the opportunity to cannibalize useful and critical parts from equipment that is about to be decommissioned, helping reduce inventory cost and resources.

Key results

Attune EAM has sharpened how G&B tracks and manages assets across 14 business verticals.

One of the most notable improvements has been the ease of searching inventory and gaining a full view of all stock across all locations. This has allowed better decision-making regarding purchases, repairs and renewals. The system is also highly scalable and adaptable, making it straightforward to track and manage all assets.

With complete access to all assets, the company is able to maintain appropriate inventory, and make informed decisions regarding equipment updates or upgrades. The system also tracks uptime, mean time between failures (MTBF) and mean time to repair (MTTR) which allows the company to improve its asset uptime from 60% to more

than 95%. As a result, inventory costs were reduced by 45% and effective labor utilization was improved by 70%.

In the years to come, Attune EAM will continue to support the company's future growth and mission to delight over a billion customers worldwide.

About Octave

Octave is a leader in enterprise software, turning data into decisive action and intelligence into your edge. Our software solves for and simplifies complexity, from the design and build to operations and protection of people, property and assets – for any scope, at any scale. For decades, we've partnered with customers to sharpen performance, elevate efficiency and amplify results. From factory floors to entire cities, our solutions are tuned to scale up what's possible from day one onward.

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