# Manufacturing Business Intelligence and Analytics
## Improved business decisions and effective planning

## Business Challenge

The Manufacturing industry currently faces challenges such as shrinking margins, increasing competitive pressures and diversified consumer needs. The industry has also found itself riding the fourth wave of transformation. This wave promises to capitalize on the abundant amount of data generated every second from business operations. This will help manage sourcing costs, inventory levels, production efficiency, asset uptime and customer service levels.

As per McKinsey Analysis, a big data/advanced analytics approach can result in a 20 to 25 percent increase in production volume and up to a 45 percent reduction in plant downtime.

## Our Solution

Hexaware's Manufacturing Business Intelligence and Analytics service offering enables faster, better business decisions across the manufacturing value chain, leveraging specialized BI tools, Solution Accelerators and Big Data Platform.



| Data Lifecycle Management | DW Transformation | Operational Reporting | Performance Management | Predictive Analytics |
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**← Business Intelligence and Analytics Services →**

| Design & Development | Sourcing | Manufacturing | Projects | Logistics & Distribution | After-sales Service | Asset Management | Human Capital | Finance & Accounting |
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**Dependable insights and actionable intelligence across the value chain**

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# "Big Leap"
## Big Data Advantage

- Production-scale decision sciences lab complete with cutting-edge technologies that supports learning through experimentation, solution development, proof of concept and customer pilot executions at zero upfront infrastructure investment
- Quick and precise, 4 weeks of big data assessment for Business value, with Proof of Concept
- Superior text mining capability
- Successful track record in deploying industry-leading analytics solutions such as AIM, MRO Analytics, Machine Intelligence and Asset Utilization

Quicker value realization with upto
## 30%
increase in revenue

Easy integration with upto **40%** reduction in the Total Cost of Ownership of the data management platform

## Hexaware Value Proposition

**Discrete Manufacturer** — BI transformation covering migration to SAP HANA, self-service reporting & dashboards on Tableau and SAP BI, along with development of unified data models across supply chain, planning and Manufacturing Execution Systems (MES)

**Hi-Tech Manufacturer** — Holistic business view through implementation of Data Warehouse and integrated reporting across finance and supply chain on Oracle platform

**Metals & Mining Company** — Corporate performance management system across finance, supply chain, manufacturing and human resources on SAP, built on Teradata DW with Predictive Analytics on Hadoop for monitoring equipment

**Engineering & Construction Company** — Strategic partner for Projects and Supply Chain business intelligence around multiple technologies - Microsoft, SAP and Teradata, including data lifecycle management services

**Heavy Equipment Manufacturer** — Integrated data warehouse with sales & warranty cockpit, enabling effective tracking of product and warranty information, spare parts planning and sales forecasting, using Informatica and Oracle platform

## About Hexaware

Hexaware is one of the leading, global providers of IT, Application, Infrastructure, BPO and Digital services. Our business philosophy of Shrink IT, Grow Digital allows customers to significantly shrink commodity IT spend while partnering with them to embrace digitalization. The Company focuses on key domains such as Banking, Financial Services, Capital Market, Healthcare, Insurance, Manufacturing, Retail, Education, Telecom, Travel, Transportation, Professional Services and Logistics. Hexaware focuses on delivering business results and leveraging technology solutions by specializing in services like; Application support, development and maintenance, Enterprise Solutions, Human Capital Management, Business Intelligence & Analytics, Digital Assurance (Testing), Infrastructure Management Services, Digital and Business Process Services. Founded in 1990, Hexaware has a well-established global delivery model armed with proprietary tools and methodologies, skilled human capital and SEI CMMI-Level 5 certification. For additional information logon to: www.hexaware.com

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