



# IMPLEMENTATION PROJECT

## Production Planning [PP] Module

### Bosch Global Manufacturing GmbH – Company Profile

#### Nature of Business

Bosch Global Manufacturing GmbH is a **multinational manufacturing enterprise** engaged in the **design, production, and global distribution of automotive components and industrial equipment**. The company operates in both B2B and OEM (Original Equipment Manufacturer) models, supplying major automotive brands and industrial clients worldwide.

- **Business Sector:** Discrete Manufacturing
- **Business Model:** B2B, OEM Supplier
- **Production Strategy:** Make-to-Stock (MTS) & Make-to-Order (MTO)
- **Digital Transformation:** Implemented SAP S/4HANA to integrate finance, logistics, and production operations across all plants globally.

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#### Key Business Activities

Bosch Global Manufacturing GmbH undertakes the following key business activities:

Business Activity	Description
Product Design & Development	In-house R&D for designing automotive and industrial components.
Manufacturing	Mass production of components across plants in Germany, India, and the USA.
Assembly & Quality Testing	Precision assembly and QA of complex parts like brake systems, gearboxes.
Supply Chain Management	Procurement of raw materials, inventory management, and vendor collaboration.
Sales & Distribution	Selling components to OEM customers like BMW, Tata Motors, and Ford.
Financial Operations	Multi-currency accounting, vendor payments, tax compliance, and financial reporting.

Business Activity	Description
<b>Analytics &amp; Forecasting</b>	Sales forecasting, demand planning, and profitability analysis.

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## Main Products Manufactured

Bosch Global Manufacturing GmbH produces a variety of **automotive and industrial-grade components**, including:

### Automotive Products

Product Name	Product Code	Description
Brake Pads	BSH-BRK001	Used in disc braking systems of cars and trucks.
Cast Iron Blocks	BSH-CST001	Semi-finished engine parts for machining.
Fuel Injection Units	BSH-FIU002	Precision devices for fuel delivery in engines.

### Raw and Semi-Finished Goods

Material Name	Material Code	Description
Iron Ore	BSH-IRON001	Procured from Tata Steel for metal production.
Steel Alloys	BSH-STEEL003	Used in gear and engine housing.
Casted Engine Shells	BSH-ENGS004	Machined into finished engine parts.

### Industrial Equipment

Product Name	Product Code	Description
Hydraulic Pumps	BSH-HYDP01	Used in automation and assembly systems.
Gear Mechanisms	BSH-GEAR09	High-torque transmission units for industrial use.

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## Major Clients (Fictionalized for Project Use)

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