

Term	Definition
Address	Specific location composed by street, zip code, town and country that can represent where a customer is located or where an order should be delivered.
Administrator	Responsible for managing (e.g., creating, deactivating) the various system users and their respective permissions, as well as for the overall system configuration.
Bill of Materials	List of PartBOMs related to the manufacturing of a product.
Bill of Operations	List that represents the different operations made in the manufacturing of a particular product family and their sequence order.
B.O.M	Acronym for "Bill of Materials".
B.O.O	Acronym for "Bill of Operations".
Colour	Colour that can be used in a product.
Company Customer	Represents a customer that is a company. It is an Entity that we know is a company because of its Customer Type.
Component	One of the parts of the manufacturing of a product. It is not a raw material nor a product.
Country	Part of the address.
Customer	Represents a company or an individual that has placed an order, identified by its unique Id.
Customer Order	An order made by a customer. It has multiple customer order lines, the Id of the customer, the order date and the delivery date.
Customer Order Line	Quantity of a specific product ordered by a customer in a customer order.
Customer Type	Type of customer. Can be either a company or an individual.
DateOrder	The date on which an order was made by a customer.
DateDelivery	The expected date of delivery of a product.
Entity	Can be a customer or a System User.
Factory Layout	Arrangement of stations in a factory.
Individual Customer	Represents a customer who is an individual. It is an Entity that we know is an individual because of its Customer Type.
Island	A group of workstations or machines that operate together in a production layout. Each island can contain multiple machines and operators performing an interconnected sequence of operations.
JobShop	Flexible production layout used for short-run production or project-based manufacturing.
Machine	Equipment used to perform specific operations in the manufacturing process, located at a single workstation. Each workstation contains only one machine, operated either by a human operator or automatically.
Material	Material that a product is made of. A product can be made of multiple materials.
Measurement Unit	The unit used in the measurement of a product.
Operation	Represents a specific manufacturing process that takes place in a workstation.
Operation Workstation Type	Workstation Types that support a given operation.
Part	It can be a Product, a Component or a Raw Material. It is used in the manufacturing of a Product.

PartBOM	List of Parts used in the manufacturing of a product and their quantity.
Plant Floor	Place that comprises a set of stations organized according to the layout.
Plant Floor Manager	Responsible for specifying the factory production lines and their respective machines.
Product	Variant of a product family that can have colour, size and/or material and represents a finished good that can be sold to a customer. A product can also be a part used in the manufacturing of another product.
Product Colour	Specifies the colour of a product. A product can have multiple colours.
Product Family	Type of good that is manufactured. Can have multiple variants. Each variant is a Product.
Product Material	Specifies the type of material of the product. A product can have multiple materials.
Product Size	Size of a product. A product can have multiple sizes. It has a measurement unit associated.
Production Manager	System User responsible for maintaining information related to products and used raw materials, and for controlling and managing information associated with production orders.
Production Order	It has the quantity of a specific product that needs to be made to satisfy a specific customer order. It also has the issue date of the production order.
Production Planning	Process of organizing and scheduling production activities.
Raw Material	Basic materials or substances used in the manufacturing of a product.
Set of Operations	A detailed sequence of steps performed at a workstation as part of the manufacturing process. It is listed in the B.O.O of the product family.
Workstation	Where a machine or a human operator performs specific manufacturing operations.
System Roles	Types of roles a system user can have. They can have the roles: Production Manager, Plant Floor Manager, and Administrator.
System User	Represents the individuals using the administration system. They can have different system roles.
Town	Part of the address.
Value-added tax identification number	Used to identify individuals and legal entities for value-added tax purposes.
VATIN	Acronym for "Value-added tax identification number".
Version	Version of the B.O.M. If the value is negative, then the B.O.M in question is inactive.
Workstation Type	Type of workstation.