Data Warehouse

Provides access to multi-dimensional manufacturing data

Overview

The Data Warehouse (DWH) provides a set of pre-aggregated and consolidated data to speed-up and facilitate different type of multi-dimensional analysis. The cubes provided by the Data Warehouse organize data (measures and indicators) across a set of predefined dimensions such as Facility, Area, Step, and Time.
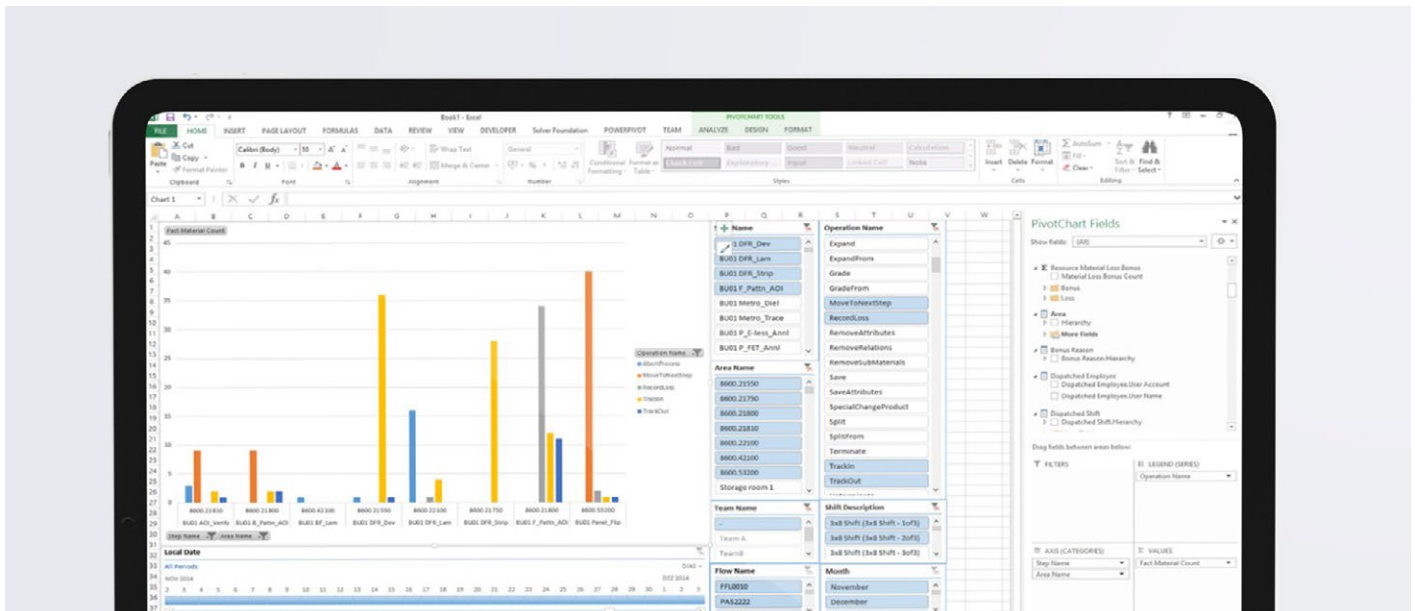

Figure 1 Excel OLAP data analysis

Key Features

• Provision of three cubes:
  • Resource
  • Data Collection
  • Production Order
• Capability to interactive slice and dice data.
• Provision of access to any data analysis client such as Microsoft Excel or Microsoft Power BI.

Benefits

• Improved data analysis capabilities
• Faster data access

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