B2B Plant Maintenance for Microsoft Dynamics NAV

B2B SOFTWARE TECHNOLOGIES uses highly skilled resources to develop solutions that solves horizontal and vertical issues in business processes. These solutions contain functionalities needed by our customers and save their valuable time and money as they avoid expensive customer modifications for their systems.
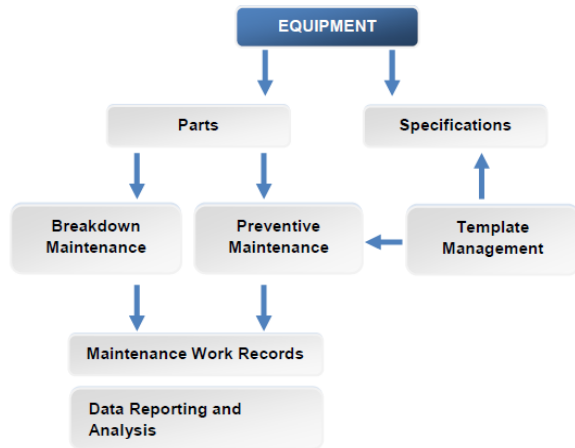
Overview

B2B Plant Maintenance Add-On (PMA) addresses various requirements of engineering and process industries.

It is a complete solution for the machinery & equipment requirements.

It enables organizations to efficiently improve & sustain life of machinery & equipment & thereby increasing productivity.

Features

The various features include:

- Machine Master
- Definable Lookup Data
- Data element definition
    o Specification
    o Preventive Maintenance
    o Spares

- Mapping Data Elements
- Complaints and Work Records
- Internal Messaging including SMS (on demand)
- Analytical reports
- User-friendly GUI

Technical

- Compatible with NAV 2009 & 2013, 2016, 2017 and 2018
- Minimal objects loaded
- No mandatory Modules / granules

Machine

Defines the Machines and the associated attributes such as

- Machine attributes
- Specifications
- Spares
- Maintenance Schedules
- Machine Movements, Etc
- Breakdown Maintenance

Templates

Define the template

- Map / attach the template.
- Data gets de-linked and can be managed independently.
- This concept is extended to various elements such as specifications, Maintenance schedules etc.

Preventive Maintenance

- Define Maintenance item
- Define Maintenance elements
  - Frequency
  - Special instructions
  - Safety notes
  - Tools required
  - Attach documents
- Attach the schedule to Machine
- Generate PMR Job card based on the schedule
- Conduct the work
- Record the work

Collect various, Knowledge Management content, preserve and attach to the specific equipment for ready reference.

Breakdown Maintenance

- Defines Breakdown
- Attend to the Breakdown
- Record findings
  - Work Done
  - Resources deployed
  - Hours Lost
  - Hours Worked. Etc
- Monitor Breakdown
- Analyze Breakdown

Analysis

Defines data to be analyzed and the same is analyzed textually.

Communication

With the help of the messaging module, which is integrated into the Plant Maintenance add-on, send messaging in various forms such as...

- Alert Messages
- Outlook messages

The application automatically identifies the responsible field staff for the specific machine and sends the message accordingly.

Machine Card

- Machine Card is used to manage the Machine information.

Machine Lookups

Through Lookup Form user can select different Lookup types like Machine Types, Machine Locations, Specification Groups, specifications etc., by selecting the Filter Lookup Type.

Maintenance Schedule

The application provides facility to define the maintenance schedule independently and can later be attached to any specific machine.

This form provides the facility to define the Maintenance Schedule parts and Operational Particulars to each and every part for different Maintenance Sub-Assemblies. The user can select the Maintenance Subassembly through lookup such as Cooling Unit, Compressors and User can define generalized Maintenance Schedule.

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Microsoft Dynamics NAV

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