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B2B Software Technologies uses many resources to develop solutions that solves horizontal and vertical issues and 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.

Plant Maintenance Add-on

Overview

The Plant Maintenance Add-On (PMA) addresses various requirements of engineering and processing industry, is designed by techno-domain experts, keeping the various real time aspects of Plant Maintenance in mind.

The Add-on stresses on the engineering aspect of implementing plant maintenance activities.

Features
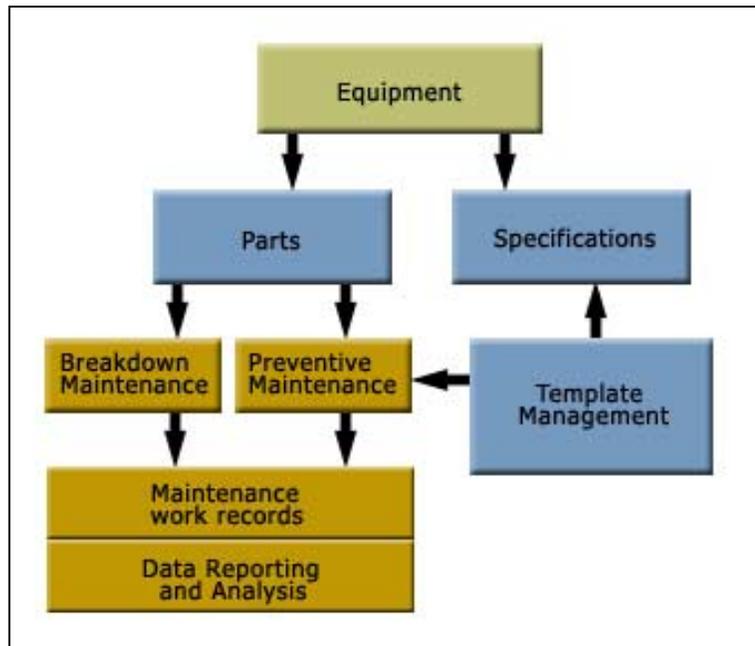
The various features include

- Machine Master
- Definable Lookup Data
- Data element definition
  - Specification
  - Preventive Maintenance
  - Spares
- Mapping Data Elements
- Complaints and Work Records
- Internal Messaging including SMS (on demand)
- Analytical reports
- User-friendly GUI

Technical

- Available on NAV IN V 3.7 HF-13 and W1 3.7
- Compatible with NAV 4.0 & 5.0
- Minimal objects loaded
- No mandatory Modules / granules

2

Machines

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

- Define Breakdown
- Attend to the Breakdown
- Record findings
    - Work Done
    - Resources deployed
    - Special Notes
    - Hrs Lost
    - Hrs Worked. Etc
- Monitor Breakdown
- Analyze Breakdown

Analysis

Define 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…

- NAV Messages
- Outlook messages
- SMS

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

Machine Card
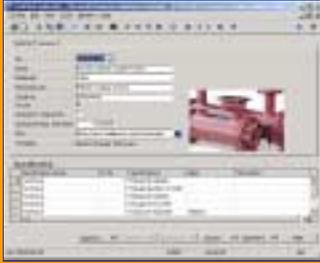
- Machine Card is used to manage the Machine information.

- Machine Card has Five Menu Items Specification, Spares, Breakdown, Pictures and Functions.

- Through Functions Menu Item user can navigate to Different Sub forms like Specifications, Spares, Movements, and Breakdown.

- When form is loading, the default sub form that appears with Machine Card is Specifications sub form.

- When user selects the Specifications menu item, all other Menu Items will be disabled.

- The corresponding menu items only enabled with respect to the user selection of the forms like Specification, Spares, Breakdown or Movements.

- Specifications Menu Item contains Attachment function. User can attach word documents or images to each specification.

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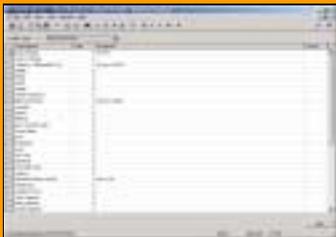
Through Lookup Form user can select different Lookup types like Machine Types, Machine Locations, Specification Groups, Specifications etc., by selecting the Filter Lookup Type.

The following Lookup form filters the Machine Types like Compressors, Cooling Units, Reactors, Pressers, Coolers etc.,

Maintenance schedule

The application provides facility to define the maintenance schedule independently and can latter be attached to any specific machine.
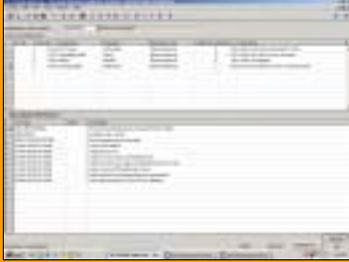
This form provides the facility to define the Maintenance Schedule parts and Operational Particulars to each and every part for different Maintenance Sub Assemblies. The user can select the Maintenance Subassembly through lookup such as Cooling Unit, Compressors and User can define generalized Maintenance Schedule.

This maintenance template is used in the machine form to attach the maintenance schedule to a specific machine.

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