

# BlueStar Suite Overview

## BENEFITS

- 100% Microsoft Dynamics AX Integration
- Quick ROI - You only pay for what you need
- Future proof solutions:
  - It is easy to upgrade your solution with additional modules and add-ons after the point of implementation
  - the latest releases of Microsoft Dynamics AX are supported
  - the latest versions of CAD systems are supported

*Based on the notion "You get what you need - not what somebody else wants", the BlueStar Suite comprises a portfolio of module-based PLM solutions for Microsoft Dynamics AX which can be combined into a single integrated solution that fits your specific PLM related needs.*

*Rather than offering a generic solution which may feature redundant or too little functionality, the BlueStar Suite delivers maximum value at the optimum price.*

## Modules

The BlueStar Suite includes two main modules and a series of add-ons.

It is possible to bundle these modules and add-ons into a joint solution which is fitted to your particular needs and fully embedded in Microsoft Dynamics AX.

### BlueStar CAD/ERP link

As the first of two main modules, BlueStar CAD/ERP link connects engineering teams with downstream departments by providing a tight integration of your CAD system and Microsoft Dynamics AX. The solution enables the automatic exchange of items, bills of materials, drawings and other product data between CAD and Microsoft Dynamics AX.

This saves you the time spent on manual data entry which can be spent on value adding activities instead.

At the same time, product data is kept consistent across all departments to prevent errors caused by conflicting product data. Fewer errors lead to less rework and scrap which translates into saved time, lower lead times and reduced costs.

Please refer to the BlueStar CAD/ERP link product sheet for more details.

### BlueStar PDM/PLM

As the second of two main modules, BlueStar PDM/PLM enables manufacturers to centralize and securely manage product data originating from different applications inside Microsoft Dynamics AX.

By providing a single repository of product related data along with a range of PLM tools, BlueStar PDM/PLM helps all functional departments leverage the same product data for enhanced corporate-wide collaboration, reduced errors and increased productivity.

With document management, revision control, engineering change order, BOM configuration, BOM release management capabilities and more, BlueStar PDM/PLM will equip you with the tools you need to successfully manage product data and documentation across the product lifecycle.

Please refer to the BlueStar PDM/PLM product sheet for more details.

## Add-Ons

As companions to the main modules, a range of add-ons offer additional functionality, enabling you to slice and dice your solution to perfectly suit your needs. Add-ons can be included in the initial solution or be incorporated later on as upgrades.

### Advanced PDM/PLM Add-On

The Advanced PDM/PLM add-on expands the functionalities of BlueStar PDM/PLM and BlueStar CAD/ERP link to include full 3D CAD file management.

As a result, any changes made to product structures in Microsoft Dynamics AX, will automatically be reflected directly in the related 3D CAD files.

### Extended Engineering Change Order Add-On

The Extended Engineering Change Order add-on enables you to register ECO related information in a central location inside Microsoft Dynamics AX. It enables multiple departments and personnel to provide input to ECOs and ensures full traceability on all changes. Due to the deep integration in Microsoft Dynamics AX, the system is able to analyze the downstream impact of ECOs.

As a result, you get rid of cumbersome paper based ECO procedures, saving you time in communication and manual distribution of ECOs, and provides full traceability on all changes for compliance. In addition, users are able to ascertain the full impact of a change downstream in the organization.

### Workflow & Business Process Management Add-On

BlueStar Workflow & Business Process Management is a graphical workflow engine which enables you to design and deploy best practice workflows in a company-wide context.

As a result, you will be able to design, use and reuse best practice workflows for your business processes, to ensure optimal performance and compliance while reducing errors and bottlenecks.

### Extended BOM Release Management Add-On

The Extended BOM Release Management add-on enables users to release BOMs and sub-BOMs to different locations. It also allows the pre-release of long lead items so that transactions on such items can be commenced before the entire design is ready for release.

This level of flexibility in the release procedure will allow you to exploit the entire corporate production capacity and prevent long-lead-time-items from prolonging lead time unnecessarily.

### SharePoint Access Portal Add-On

The SharePoint Access Portal add-on enables users to view product data and documentation via a standard web browser. Use this add-on to provide sub-suppliers, customers and internal staff with read-only access to pre-defined relevant product data.

### **Variant Management Add-On**

The Variant Management add-on enables you to create, manage and maintain product variants and the associated data and documentation.

As a result, you will gain an overview of the relations between variants, which designs they originated from and which variants have been created from specific designs.

In companies where variants are a fact of life, the variant management add-on will provide valuable insight and overview to the engineering department and support the reuse of existing designs.

### **Stamp Engine Add-On**

The Stamp Engine add-on automatically captures and stamps metadata onto all documents managed within the BlueStar environment in real time.

The benefits of this add-on is that all employees will always be informed about the status and validity of any documents that are managed by BlueStar.

Because the metadata is automatically captured and stamped onto the documents, you save the time spent gathering this information from different departments manually and maintaining it.

### **Print Suite Add-On**

The Print Suite an add-on enables users to print all or selections of product specific documentation to PDF or hard print by utilizing BlueStar's built in document management engine.

It allows users to quickly generate multi-level product specific prints which can be distributed to vendors and customers or used for internal reporting purposes.

This saves a lot of time and hassle gathering documentation for products/projects and enables you to easily filter out the types and levels of documentation you want to print.

### **Raw Materials Add-On**

The Raw Materials add-on enables users to set raw materials and automatically calculate the raw material consumption in Microsoft Dynamics AX based on the dimensions of the CAD model.