cc|advanced manufacturing pack

DYNAMIC BILLS OF MATERIAL
DOCUMENT SCHEDULE PLAN
PROCESS-BASED PROJECT WORKFLOW PLANNING AND SCHEDULING
BATCH TRACKING
PRELIMINARY ORDER FOR LONG-RUNNING TRANSACTIONS

QUALITY MANAGEMENT AND CHECKLISTS
FLEXIBLE PROJECT PLAN BASED ON HIERARCHICAL STRUCTURES
VENDOR RATING
RECIPE MANAGEMENT
CONCURRENT CALCULATION | LOT SIZE CALCULATION
BY-PRODUCTION
SEQUENCE PLANNING
BI-DIRECTIONAL INTERFACE TO MICROSOFT OFFICE PROJECT

Microsoft Partner
Gold Enterprise Resource Planning
Gold Data Platform
Silver Collaboration and Content
Silver Data Analytics
COMPANY PORTRAIT

Our relationship with our clients is the most important success factor; we need to keep it as simple and efficient as possible."

COSMO CONSULT specialises in the implementation and system management of industry and business solutions based on cutting-edge software technologies. We deliver industry-oriented complete solutions for midsize businesses in the manufacturing, service and retail industries by providing an extensive range of industry-specific and special solutions based on Microsoft Dynamics and QlikView.

Since 1997, we have offered our customers national and international project experience in the implementation of Microsoft Dynamics NAV (previously Navision) and Microsoft Dynamics AX (previously Axapta) ERP solutions. We are also experts in the Microsoft Dynamics CRM customer relationship management system and the Microsoft SharePoint document management and portal system, which can be integrated seamlessly into the ERP system environment. We therefore deliver fully integrated software systems for use in all areas of the company. With the aid of the QlikView business intelligence solution, our customers are able to access all of their company data in a structured and manageable format at any time.

An implementation method tailored to the project is a prerequisite for successful software implementation. For over 20 years, we have placed our trust in proven implementation methods when implementing our software projects, such as SureStep for successful ERP project implementation and the agile implementation methodology for rapid results when realising business intelligence (BI) projects.

At COSMO CONSULT, people are our focus. After all, it is people who decide whether our software is efficient or inefficient, who judge its strengths and weaknesses, who experience joy or frustration when using it and ultimately determine if it is a success. That’s why we provide:

Business Software for People
EXtREME flEXiBility…

COSMO CONSULT Advanced Manufacturing Pack (AMP) and Microsoft Dynamics NAV together provide a powerful ERP solution that streamlines your business and provides you with the economic efficiencies and productivity improvements needed to successfully compete.

It is critical for manufacturing businesses to deliver highly customised products with country-specific characteristics. The challenge for these companies is how to develop, manufacture and deliver these individualised products effectively and efficiently. Some companies have deep discrete processes, while others have multi-stage production processes with a mixture of both discrete and process manufacturing. In either case, companies are underpinned by their own legacy (independent) ERP systems, which adds another level of complexity.

Utilising the Advanced Manufacturing Pack, COSMO CONSULT supports both an enriched manufacturing environment and manufacturing requirements within one solution, bringing the benefits of cost reduction, economies of scale. Customer demands can now be met more cost-effectively.

The AMP industry solution from COSMO CONSULT, based on Microsoft Dynamics NAV, provides manufacturing companies many additional functional areas in process, project and discrete manufacturing.

20 years of consolidated knowledge and manufacturing ERP expertise

AMP provides an industry-based approach for:

Process Manufacturing
- Life Sciences and Pharmaceutical Industry
- Chemical Industry
- Paint and Coating Industry
- Plastic Industry

Discrete Manufacturing
- Configure-to-order
- Make-to-order
- Make-to-stock

Project Manufacturers
- Plant construction and apparatus engineering
- Solar plants, wind power plants

Service Providers
- Engineering and design companies
- General Contractors
- Construction-related services

Manufacturing companies have relied on the industry expertise of COSMO CONSULT since 1996. AMP supplements the core functionalities of Microsoft Dynamics NAV and includes the COSMO CONSULT Industry Product and experience of more than 1,000 client implementations.
AMP for Process Manufacturing offers process manufacturing industries a solution geared specifically for this sector.

The solution includes management and development of recipes, efficient production planning and sequencing, a quality management system as well as forward/reverse batch tracing and container management. The scope of delivery can be supplemented by a module to manage hazardous goods and a workflow module that aids process design and documentation.

Developed in close coordination with the industry, all functions represent proven best practices. COSMO CONSULT’s solution for the process manufacturer provides scalable process control and standardized methods for smaller manufacturers to divisions of larger enterprises.

Having all of this in one system allows a quick realisation of important company objectives such as:

**Improved customer service levels through:**
- Visibility of all customer transactions
- Visibility of inventory in all locations and processes
- Fast and complete Lot traceability

**Improved business decision making through:**
- Accurate and timely product cost, profit and margin analysis from Quote to Sales Order to Manufacturing
Highlights of Process Manufacturing:

- Batch tracking
- By-Production
- Capacity planning
- Component availability
- Costings
- Detailed planning and planning board
- HR requirement matrix
- Laboratory
- Maintenance and setup orders
- Order network
- Production simulation
- Production structure
- Quality management and checklists
- Recipe management
- Sequence planning
- Tool management
- Vendor rating

DISCRETE MANUFACTURING

AMP for Discrete Manufacturing provides a unique, integrated information system that offers consistent and transparent management of all business data through flexible cost and price calculations, dynamic bills of material and optimised production planning.

Highlights of Discrete Manufacturing:

- Checklist system
- Dynamic bills of material
- Document schedule plan
- Document bill of material
- Construction
- Production accompanying construction
- Calculation schemes
- Concurrent calculation
- Supply material for outsourced production
- Preliminary orders for long-running transactions
- Exchange of materials and groups
- Service processes
- Discontinued items
- Prototypes
- Item description catalogue

OVERVIEW CONFIGURE TO ORDER MANUFACTURING
AMP for Project Oriented Manufacturing supports a high user acceptance and added value resulting from the optimised processes and functions that improve the competitiveness and transparency of the business, which leads to customer satisfaction over the long term. This specific software solution provides the best possible benefit from the early planning stages of the projects. Thanks to project templates, extensive copying functions and intuitive system operation, project structures can be created quickly and easily.

The hierarchical project structure provides the ability to plan the services and work packages required for implementation of the project as well as the required material, travel costs and other expenses.

### Highlights of Project Oriented Manufacturing

- Fully integrated with Microsoft Dynamics NAV
- Flexible project plan based on hierarchical structures
- Variety of costs and results planning
- Budgeting of planned costs and revenues
- Process-based project workflow planning and scheduling
- Bi-directional interface to Microsoft Office Project
- Capacity and resource planning
- Project controlling with planning and release processes
- Monitoring of project processing via online data
- Project progress monitoring
- Prepayment management
- GAEB interface
HAVING ALL OF THIS IN ONE SYSTEM ALLOWS A QUICK REALISATION OF IMPORTANT COMPANY OBJECTIVES SUCH AS:

**Improved customer service levels through:**
- Visibility of all customer transactions
- Visibility of inventory in all locations and processes
- Fast and complete Lot traceability
- Simplified quote and order processing – configuration through checklists

**Improved business decision making through:**
- Accurate and timely product cost, profit and margin analysis from Quote to Sales Order to Manufacturing

**Improved manufacturing efficiency through:**
- Optimisation of production planning
- Accurate real-time inventory information
- Maintenance and setup jobs
- Transparency, consistency and stability of processes

**Improved Purchasing efficiency through:**
- Efficient document approval and Purchase Order processing
- Visibility of vendor performance

**Improved compliance and quality through:**
- Inventory Quality tests
- Inventory status by Lot

To manage the upcoming challenges in daily work efficiently, employees must be able to get quick and ergonomic access to specific information and tools in the software. AMP uses the role-based concept of Microsoft Dynamics NAV and provides further role centers, information boxes and a slender tool to quickly create new roles.
Our commitment to finding the best solutions for our customers and to providing innovative features in order to optimise their business and bring them new levels of success is also reflected in our partnerships with Microsoft and QlikTech.

**COSMO CONSULT AND MICROSOFT — A STRONG ALLIANCE**

While Microsoft brings innovative, intuitive and investment-safe products, COSMO CONSULT brings its extensive product knowledge, industry expertise and many years of project experience, resulting in a strong partnership for successful IT projects.

As a certified Microsoft Gold partner, COSMO CONSULT has received a number of awards in recent years. Microsoft gives these awards in recognition of the continued commitment of this partner to delivering industry and customer-optimised software solutions, thereby driving the further technological development of Microsoft products.

COSMO CONSULT provides clients the ability to extend their Microsoft Dynamics platform with feature rich solutions to meet today’s demanding requirements. Solutions that are Certified for Microsoft Dynamics (CfMD) signify that the solution has met Microsoft Corporation’s highest standard for partner-developed software.

What does this mean? Solutions that are Certified for Microsoft Dynamics have demonstrated development quality and compatibility with the Microsoft Dynamics product on which they run by passing rigorous software testing for Microsoft Dynamics performed by VeriTest (a service of Lionbridge). In addition, the Microsoft Dynamics partner must have customers who are successfully using the certified solution and are willing to recommend it.
COSMO CONSULT EARNs AMR RESEARCH INDUSTRY VALIDATION

AMR Research is a well-regarded IT industry analyst and consulting company with a deep level of customer engagement and vertical solution knowledge. Working with the Microsoft Dynamics team, AMR has created an Industry Certification process that validates a partner’s industry solution as well as industry specific customer references.

COSMO CONSULT’s completion of the AMR certification process further corroborates our industry knowledge and ability to successfully deliver industry specific value to our clients.