



**COSMO CONSULT**  
Business-Software for People



**Business -  
Software  
for People**

**Trusted Solutions to Empower your Customers Business**

CC|FORMATTED DOCUMENTS

CC|QUALITY MANAGEMENT

CC|PROJECT

CC|DOCUMENT MANAGEMENT PACK

CC|CREDITSAFE

CC|DATA INTEGRATION SUITE

CC|CREFODYNAMICS

CC|DISCRETE MANUFACTURING

CC|FACTORY DATA CAPTURE

CC|WORKFLOW

CC|PROCESS MANUFACTURING

**Microsoft  
Partner**



Gold Enterprise Resource Planning  
Gold Cloud Customer Relationship Management  
Gold Collaboration and Content  
Gold Data Analytics  
Gold Cloud Platform

# COMPANY PORTRAIT



The COSMO CONSULT Group is a system integrator and independent software vendor (ISV) of business software for medium-sized and large enterprises with strong industry solutions primarily for manufacturing, services and eCommerce.

As an owner-managed company with over 2,900 customers we create solutions that focus on people and lead to benefits along our customer's entire process chain. Our mission is to provide the best possible support, locally and globally.

As one of the world's leading Microsoft Dynamics partners, we provide comprehensive, industry-specific solutions based on Microsoft Dynamics. In addition, we integrate and support various Microsoft products such as Office 365, Power BI, Power Apps or CRM and also build highly sophisticated Data Analytics scenarios on QlikView and Qlik Sense. We design end-to-end digital solutions that can be deployed and used in all areas of a company. In cooperation with strategic partners, we assist our customers to become digital and build future-oriented solutions in the fields of Internet of things (IoT) and Industrie 4.0.

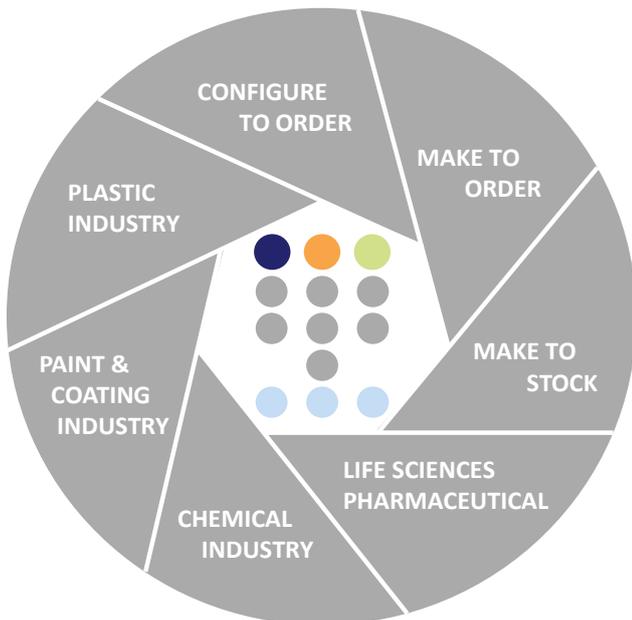
The continuous development of our industry solutions and add-on software modules is important to us. Our aim is to adapt functionality and usability along the needs and requirements of our customers in order to get the best fit of our products to their industry critical workflows.

## Business - Software for People

## CC|INDUSTRY SOLUTIONS

As an industry specialist, COSMO CONSULT has a comprehensive range of certified industry solutions and add-ons based on Microsoft Dynamics. This enables us to meet the different needs of our target industries as well as the special requirements of our customers. Our industry solutions support more than 2,900 customers worldwide in their daily business. The standard software is subject to the highest quality requirements and runs through different certification levels of independent analysts and consulting houses.

The industry solution from COSMO CONSULT provides manufacturing companies many additional functional areas in process, project and discrete manufacturing.



OVERVIEW CC|ADVANCED MANUFACTURING PACK

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.

Manufacturing companies have relied on the industry expertise of COSMO CONSULT since 1996.

### 20 years of consolidated knowledge and manufacturing ERP expertise

**COSMO CONSULT 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

Microsoft Dynamics  
Manufacturing Partner



## CC|PROCESS MANUFACTURING

cc|process manufacturing 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 realization of important company objectives such as:

### Improved customer service levels through

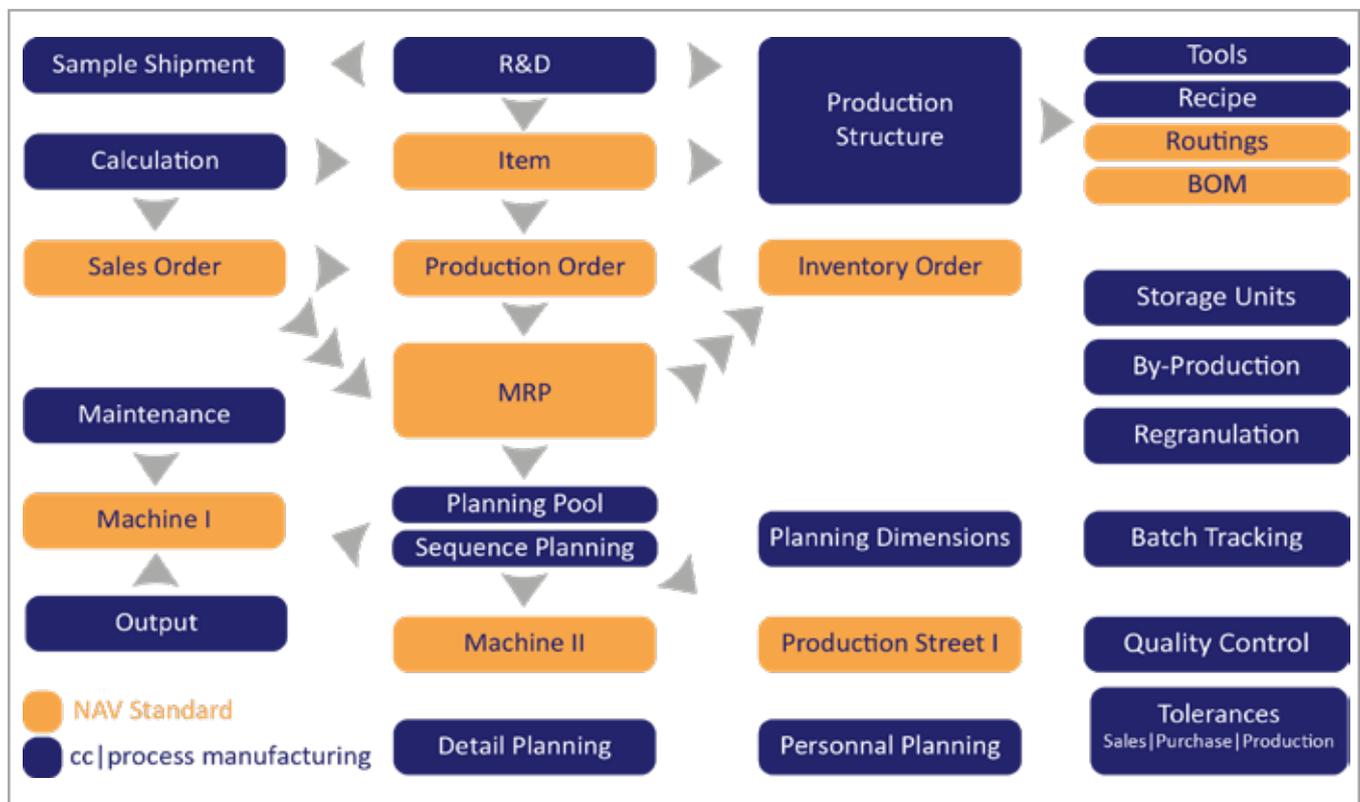
- ▶ Visibility of all customer transactions
- ▶ Visibility of inventory in all locations and processes
- ▶ Fast and complete Lot traceability

### Improved business decision making through

- ▶ Accurate and timely product cost, profit and margin analysis from Quote to Sales Order to Manufacturing

### Highlights of cc|process manufacturing

- ▶ Batch tracking
- ▶ By-Production
- ▶ Capacity planning
- ▶ Component availability



OVERVIEW CC|PROCESS MANUFACTURING

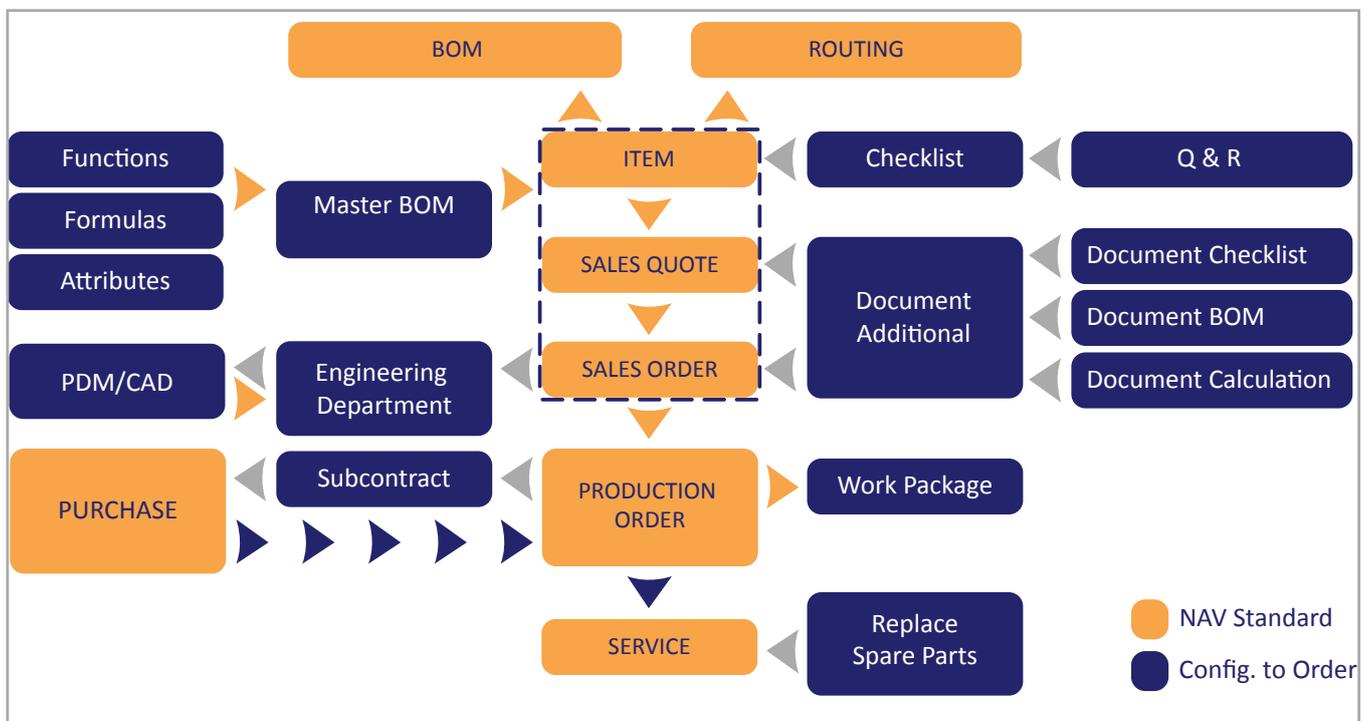
- ▶ Costings
- ▶ Detailed planning and planning board
- ▶ HR requirement matrix
- ▶ Laboratory
- ▶ Maintenance and setup orders
- ▶ Order network
- ▶ Production simulation
- ▶ Production structure
- ▶ Quality management and checklists
- ▶ Recipe management
- ▶ Sequence planning
- ▶ Tool management
- ▶ Vendor rating

**Highlights of cc|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

**CC|DISCRETE MANUFACTURING**

cc|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.



OVERVIEW CC|DISCRETE MANUFACTURING

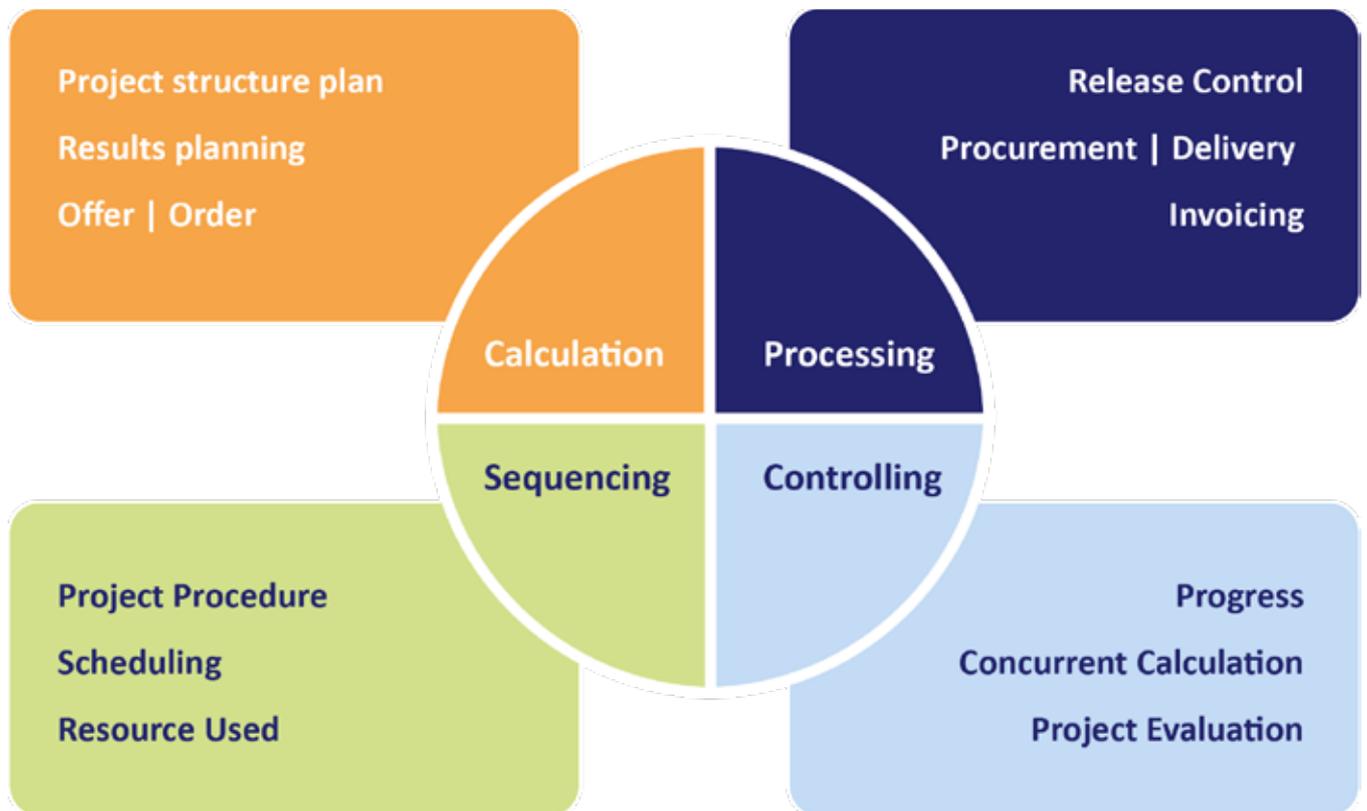
## CC|PROJECT MANUFACTURING

**cc|project 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 cc|project 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



OVERVIEW CC|P PROJECT MANUFACTURING

## Customer Benefits

### 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. **cc|industry solutions** 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.



**COSMO CONSULT ISV PRODUCTS**

In addition to our ERP industry solutions, we offer numerous ISV-Products that can also be used as so-called stand-alone solutions. Each of these solutions is seamlessly integrated into the Microsoft Dynamics system infrastructure, and all functions can be used without leaving the ERP environment. COSMO CONSULT's ISV products are updated in the same release cycle as Microsoft Dynamics and are based on the latest Microsoft Dynamics technology.

**cc|product data management**



The module **cc|product data management** offers advanced PDM functionalities for Microsoft Dynamics NAV.

The technical documents of the departments mechanical, electrical and electronic engineering are managed together according to the same rules. The creation of drawing revisions is almost automatically. This also includes the provision of drawings and documents for production, purchasing and service. The key features of cc|product data management - Base are:

- ▶ the integrated drawing management,
- ▶ the revision management and
- ▶ an integrated change management system
- ▶ Out-of-the-box Integration to several CAD-/PDM-/PLM Systems

Any drawings and drawing revisions can be managed via the drawing management. Drawings are assigned to items and BOMs according to a flexible logic and thus create transparency regarding the use of this data. A status management system enables the engineer to control drawings and documents into and out of the process.

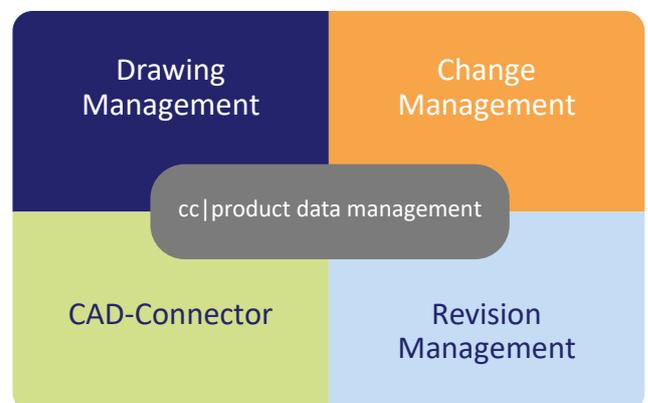
The **revision management** ensures the consistency of changes to drawings in the entire system. A usage

check provides information about where a particular drawing is used. Based on this information, he can decide, for example, whether an entire product structure needs to be revised, or only an individual item or an individual assembly.

**Change management** is used to control cross-functional processes. Engineering requests are transferred directly to the engineering department. Detailed information about the changes and the affected components are available. Based on this information, the designer can check the request and decide on a product change.

**Product changes** are controlled by change orders in the whole organization. A flexible task plan defines specific tasks for all relevant departments. The designer has an overview of the current processing status of the changes at any time.

**CAD connector** enables the seamless integration of different CAD, PDM and PLM systems in Microsoft Dynamics NAV. A flexible setup ensures that the data in the ERP system is always up-to-date. In addition to the creation of drawings, articles and parts lists, the processes are also harmonized via CAD and ERP systems. The transfer of the status of a drawing directly controls processes in the ERP system. If required, the ERP user can add components to the generated BOMs without deleting them when changing drawings.



OVERVIEW CC|PRODUCT DATA MANAGEMENT

### cc|data integration suite

The **cc|data integration suite** allows bidirectional data exchange between Microsoft Dynamics NAV and any external software systems using .

The suite can be used to map business processes across companies, departments, customers and suppliers in order to exchange data in a standardized manner. The software also enables the definition of automated processes, so that follow-up tasks such as bookings or notifications are produced directly by the system.

#### Highlights of cc|data integration suite

- ▶ Complete and incremental data exchange
- ▶ Connection of arbitrary Microsoft Dynamics NAV tables, XML Nodes, ADO Tables and SharePoint Lists
- ▶ Connection of external systems, such as SQL Server and SharePoint
- ▶ Automation of arbitrary processes within Microsoft Dynamics NAV

- ▶ Complete integrated into Microsoft Dynamics NAV
- ▶ Use of own source code by Codeunits and Variables
- ▶ View activities by protocols and entries
- ▶ Easy implementation (available as an extension)

### cc|quality management

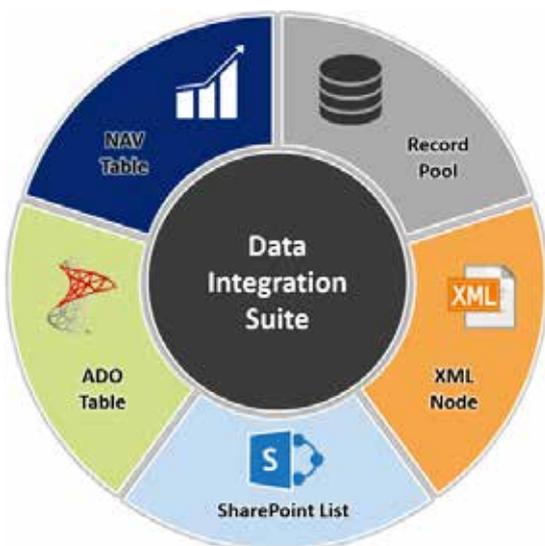
With **cc|quality management** you can evaluate both vendors as well as individual shipments according to different criteria. The core element of quality management is testing: From the receipt of goods to production and to the shipment of goods – the system supports the entire material management, including the administration of all tests, test equipment and test documentation.

### cc|vendor rating

**cc|vendor rating** serves as the basis for decision-making in the procurement process and also for ongoing monitoring of vendor relationships. The rating is based on the allocation of points for individual criteria. The vendor rating ensures more objective evaluations, since all vendors are rated according to uniform criteria and the scores are calculated by the system.

### cc|workflow management

**cc|workflow** is a special solution for the management of business processes in companies. The software allows workflows and the corresponding business logic and dependencies to be modelled directly in Microsoft Dynamics NAV or Microsoft Office Visio. Based on events and freely definable conditions, the ERP system automatically executes these workflows. This way tasks are created for the teams in organizations, and the software ensures they are properly and timely executed.



COMPONENTS OF CC|DATA INTEGRATION SUITE



### cc|document management pack (DMP)

With our **cc|document management pack (DMP)**, users can design, format and manage documents, reports and all kind of orders easily and directly in Microsoft Dynamics NAV. DMP users can handle all report layout requirements without any programming skills. DMP consists of cc|formatted documents, cc|text module, cc|dms and cc|document configurator.

### cc|formatted documents

With **cc|formatted documents**, representative documents and individual documents, such as offers or order confirmations, can be visually enhanced with formatted prefix and suffix-texts or position papers and article texts. The software adds integrated word processing capabilities including the possibility to include images and graphics within Microsoft Dynamics NAV. The word processor includes all the usual formatting capabilities and ensures compliance with the XHTML standard, which means that content can also easily be transferred to e-commerce solutions or catalog and print service providers.



### cc|text module



The **cc|text module** from COSMO CONSULT contains the functionality to link extended text to most areas of Microsoft Dynamics NAV. Users are able to set up text as master data linked to customers, vendors, items, etc. which can be copied to different documents like sales orders, etc. These texts can be changed and printed. Users can define which text should be copied to which document. There are different types of text: Header and footer text and line text.

### cc|document management systems (DMS)

COSMO CONSULT developed **cc|dms** to make it easy to get started with a professional document management system: The solution provides practical templates based on current Microsoft SharePoint technology. With these templates you can create portals for working in teams or on projects. The solution gives you all the important functionalities you need for versioning, editing and archiving your company's documents. All layouts consider cc|text module and cc|formatted documents.

### cc|document configurator

**cc|document configurator** takes the design of the printouts from the report development tools (Native Report Designer and Visual Studio) to a configuration inside Microsoft Dynamics NAV. This reduces the implementation effort required to get the printed documents 'in shape' and enables end users and consultants to do modifications without any programming skills. It comes with more than 20 predefined layout templates in more than 20 different languages that are ready to use.

### cc|commission



**cc|commission** is an add-on easy to administer and offers the flexibility needed to support your company-specific commission structure requirements. Sales can be the key driver to an organization. Sales people are motivated by their earning potential. By using cc|commission you ensure that no matter how complicated your commission structure is, or how often it changes, you can compensate your employees accurately and in time.

### cc|factory data capture (FDC)

**cc|factory data capture (FDC)** makes it possible to record times and quantities for production orders and machines and to process them directly into ERP system. The solution has standard interfaces for production planning and control, as well as other order systems that supply the production orders and receive information on the production status of the order as well as its exact post-calculation from the reports of the factory data capture system.

### cc|crefodynamics

The credit management system **cc|crefodynamics**, developed jointly with Creditreform, offers a professional arrears and receivables management system. With modules for business information and payment records, and debt collection, individual credit granting sub-processes can be automated. It covers the range from application review, customer identification, customer rating and risk classification to take credit decision.

#### Highlights of cc|crefodynamics

- ▶ New customer evaluation and subsequent creation of the receivable accounts by mouse click
- ▶ Monitoring of existing customers through Creditreform's free payment experience pool
- ▶ Decision basis for credit limits

- ▶ Comprehensive picture to your customers by linking internal data with Creditreform economic information
- ▶ Basis for a portfolio overview of all receivable accounts
- ▶ Lean processes and relief in claims management
- ▶ Simplified and fast communication through postal administration
- ▶ Transparency at any time on the state of your collection cases

### cc|creditsafe nav connect

The Microsoft Dynamics NAV add-on, **cc|creditsafe nav connect**, provides an objective assessment of the creditworthiness of your business customers. Credit ratings can be generated easily and directly from your Microsoft Dynamics NAV System. New contacts, customers and vendors can be created, or assigned, from these economic information.

#### Highlights of cc|creditsafe nav connect

- ▶ New customer evaluation and subsequent creation of the customer by mouse click
- ▶ Monitoring of existing customers
- ▶ Simple representation of the credit class by means of a traffic light
- ▶ Decision basis for credit limits
- ▶ Comprehensive picture to your customers by linking internal data with Creditsafe economic information

### cc|e-balance (GER)

**cc|e-balance** sheet allows you to create a tax balance sheet assign to the appropriate taxonomy and can be sent directly to the tax office. Intelligent functions support data processing, including live validation, which checks the current state of the balance sheet in real-time. The software also makes it possible to manage tax balances for several companies parallelly.



## COSMO CONSULT AND MICROSOFT — A STRONG ALLIANCE

While Microsoft brings innovative, intuitive and investment-safe products, COSMO CONSULT delivers extensive product knowledge, industry expertise and many years of project experience. This alliance results in a strong partnership for competitive products and 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 to delivering industry and customer-optimised software solutions, thereby driving 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.

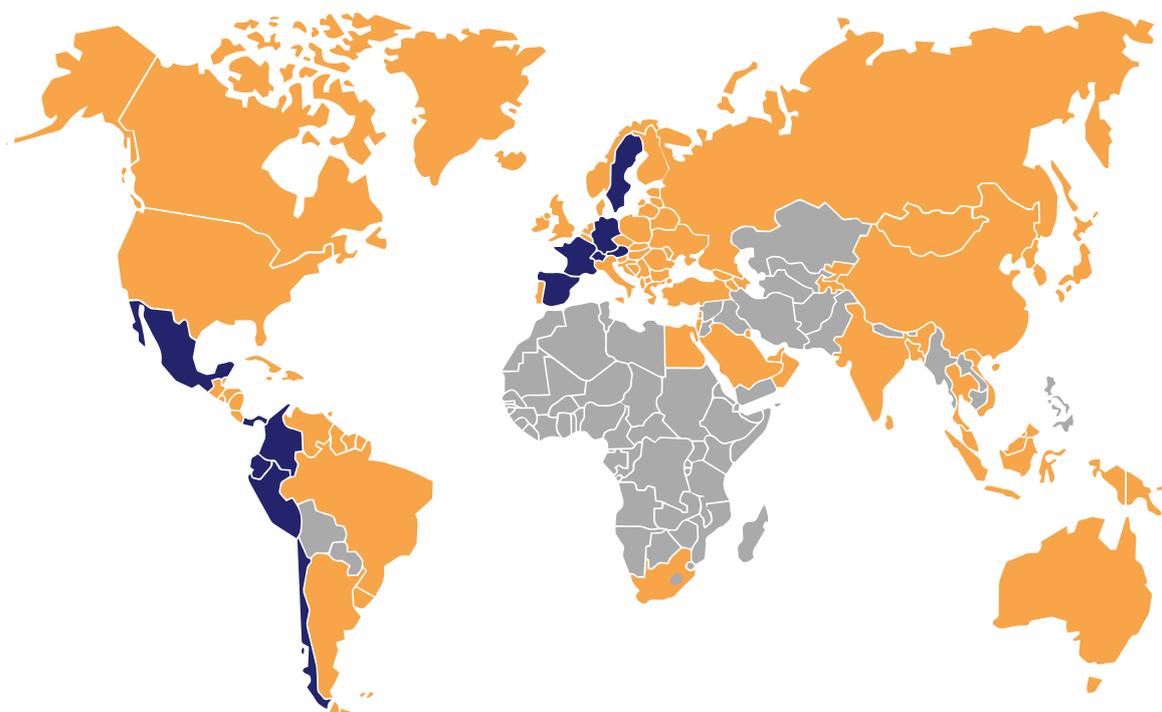


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