4Construction
Build the perfection

4Construction
Business Project Management Solution

intelligent
systems

About the solution

4Construction solution is based on the latest version of the Microsoft Dynamics 365 – high-class business management system, capable of covering all requirements and needs of companies in the construction industry. The solution ensures flexible instruments and project management methods for effective organization and delegation of time, equipment, materials, and employees.

4Construction enhances customer service and contractors' relationship management, facilitates projects invoicing and simultaneously allows cost control, while consolidating information from various divisions. The rich functionalities of the system include:

- Automated tracking of all activities from the beginning of the project to its completion
- Better cooperation and enhanced communication among employees
- Improved planning capabilities of current and future capacity with regards to company growth
- Guaranteed compliance with company policies or quality initiatives
- Enhanced compatibility and compliance with legislative regulations
- Facilitated project invoicing and expense controlling
- Financial results tracking by site, sub-site, divisions
- Quick access to essential financial and accounting data, specialized analyses and reports
- Assessment of main risk indicators to facilitate management decision-making
- Improved productivity and profitability of the company
- Amended customer service and customer loyalty

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Main processes

OFFERING

- Phase tracking and monitoring in the system are transparent with quoting functionality. The most recent data is used when handling a customer request for quotation, generating a quote and respond.

- **Norms** define the procedure for completing the construction phase's activity. It helps to standardize the parts and quantities you need for conducting actions and calculate the action's standard cost and offering price.

CONTRACT MANAGEMENT

- Manage the entire project **contracting process**. Make use of the Work breakdown structure (WBS) compliant with the contract. The 4Construction application is integrated with the agreement's functionality and allows direct consumption of items in the project. Moreover, manage all contracts between your company and the subcontractors by monitoring and tracking the work done.

INVENTORY MANAGEMENT

- Create and maintain a comprehensive list of the materials used throughout the various business operations, including those for internal consumption and those used in all phases of contraction.

- Utilizing a breakdown structure of sites and warehouses, following the positions of your warehouses in the terrain, you may maintain and monitor your materials and on-hand inventories in the system. Moreover, to observe the inquiries about the inventory that is currently on hand, transfers from one location in a warehouse to another, tracking internal consumption, stock counts, and more.

Main processes

PROCUREMENT

- The requisitions enable your construction team to schedule investments, create budgets, and keep track of any additional purchases or orders. Request for quotation is a function that empowers your organization to get delivery offers from suppliers and contractors. With purchase orders, concentrate on tasks like order approvals, progress, monitoring, and more.

PROJECT EXECUTION

- Create an interim payment certificate for clients (IPC). The document is generated before sending out the invoice and validates the work performed. Invoice the full scope of the operations upon notifying the customer that the work is complete. The invoiced amount could include the calculated warranty due in a different period.

ACCOUNTING

- Accounting and financial data can be entered, followed, and analyzed using the financial module General Ledger. All project-level costs, expenses, revenues, and fees will be reported accurately and promptly in the budgeting process. With the Account payable/receivable review and manage your accruals. Furthermore, operating open balance sheet positions, customer and vendor balance statements, and profit and loss statements to assist you in making wise business decisions.
- Fixed assets oversee all agreements between your business and the subcontractors by keeping track of the completed work. The Cash and Bank module can be trusted by organization with several bank accounts. It can assist in managing all their financial instruments and legal entities.

How will you benefit from it?

FUNCTIONALITIES

- Functionality to define Project groups
- Project categories, specific setups based on resource type and default journal name
- Items for direct consumption
- Creation of machinery resources automatically
- Creation of labor resources automatically
- Detailed setups at project level
- Work breakdown structure (WBS), specifics for the budgeted values and activity level
- Bill of quantity (BoQ) groups and creation
- Functionality to assign BoQ to activity in WBS
- Specify vendor information in WBS activity details
- Purchase agreement creation with functionality to retrieve data from WBS
- Report periodically executed work with Vendor report
- Purchase order created automatically from vendor and expense consumed in projects
- Report of quantities executed at activity level of WBS
- Project journals generated from activity execution based on activity components
- Variation orders setups and workflow
- Functionality to create Variation order to track each change done in the WBS
- Import of Variation orders
- Approved Variation order changes reflected in WBS activity details
- Generate invoice proposal based on reported executed works
- Calculate advance deductions
- Calculate warranty
- Customer Interim payment certificate

Get in touch with us to find more about 4Construction vertical solution.

About us

Employing more than 200 people and reporting 18 years of continuous growth, **Intelligent Systems** is an international consultancy company that delivers business software projects to local and multi-country organizations. A leading Microsoft Dynamics partner in Europe, the company has been part of the Inner Circle Partner Program – the highest recognition given to only 60 out of more than 10 000 Microsoft Dynamics Partners worldwide.

Intelligent Systems has carried out more than 500 implementation projects in over 55 countries for organizations running businesses in the areas of retail, wholesale, manufacturing, automotive, transportation and logistics, and more.

500+
CUSTOMERS

Global knowledge

55
COUNTRIES

18
YEARS

Vertical expertise

6
OFFICES

200+
CERTIFIED PROFESSIONALS

30+
PARTNERS

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Developed by: intelligent systems