

Software solution for efficient construction management



Dynamics 365 for Construction is an innovative app for Microsoft Dynamics - 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.

Dynamics 365 for Construction

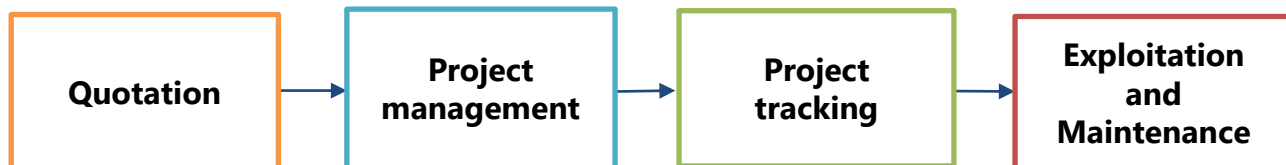


Dynamics 365 for Construction enhances customer service, contractors' relationship management, facilitates executed projects invoicing and simultaneously allows cost control, while consolidating information from various divisions. The rich functionalities of the system include:

- Offering for investors and contractors using cost norms.
- Automatic proposal to purchase or transfer the required materials from a cost account to a warehouse at the site through master resource planning (MRP).
- Automatic integration with the Microsoft Dynamics Financial Module.
- Access to operational and management analyses and reports, tracking of various KPIs by object, contracts and more.
- Cost accounting for the resources (materials, mechanization, labor, expenses, fees) by activity on project/construction site.



Main processes



PROJECT MANAGEMENT FUNCTIONALITIES

- **Quotation** – automated cost proposal based on standard costs and analyses, automated preparation of bid according to standard or internal estimates.
- **Bill of Quantity (BoQ)** - request for proposal (Project request for quotation RFQ), detailed internal project template (BoQ format), import of Bill of Quantity from Excel spreadsheet. Integration with Microsoft Project for cloud versions of Dynamics AX.
- **Norms** - entry in the system of library of norms for completion of construction works, calculation of analysis prices based on the norms, import of new norms in library of norms, assignment of norms to project activities.
- **Creation and project updates** - Bill of Quantities, analysis prices and preparation of offer, labor and mechanization booking in project, transfer the BoQ from offer to the project, client contract management, update of the budget upon transition to real execution of the project, Notification /Acceptance/Protocols, project advances and deduction management, registration in the system of construction works/quantities completed by brigades, registration in the system of construction works/quantities completed by subcontractors, automatic tracking of expenses for activities based on the reported progress, storage and easy access to all original documents.
- **Budget and payments** - preparation of cash flow forecast – budget forecast, cost accounting for the resources (materials, mechanization, labor, expenses, fees) by activity on project/construction site, Client's interim payment certificate (IPC), entry of protocols accepted by investors/clients, issuing invoices to investors/clients, entry of accepted protocols of subcontractors (subcontractor's IPC), entry of invoices for construction works/purchases, processing of inbound payments by investors/clients, proposal for payment to vendors/subcontractors, processing of payments to vendors/subcontractors & revenue recognition.

CONTRACT MANAGEMENT

- Contracts/Annexes with investors/clients, entry of contracts/annexes with subcontractors and vendors, entry of accepted protocols, proposals for invoicing to investors/clients.

INVENTORY MANAGEMENT

- Inquiries for on-hand inventory, transfers from one location to another location in one warehouse, transfers from one warehouse/site to another warehouse/site, registering of internal consumption, stock counting.

Functionalities

PURCHASES/DELIVERIES

- **Purchases** - purchase requisition, purchase agreement with vendor, request for quotation to vendors, offers/price lists, price comparison & comparison tables, integration with master resource planning (MRP).
- **Deliveries** – maintenance of a delivery nomenclature, summary of orders, registration of delivery protocols upon receiving of materials, registration of vendor invoices, recognition of expenses towards the used materials for each project.

ASSET/MACHINERY MANAGEMENT

- Assets registration, maintenance plan management, registration of consumed work and spare parts during the maintenance, link between asset and fixed asset, asset location management. procurement process. labor management in maintenance.

Benefits

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

Companies that use our solutions:



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About us



Intelligent Systems is a leading provider of business management solutions in EMEA. The main focus of the company are enterprises active in the construction industry. With over 450 clients in 55+ countries around the world, Intelligent Systems employs more than 180 certified specialists.

