



Project Management and Accounting in Microsoft Dynamics® AX 2012

Streamline project management and give your people the tools they need to complete projects on time and within budget. Project management and accounting in Microsoft Dynamics AX 2012 simplifies project planning and execution by providing robust cost controls, up-to-date operational and financial analytics, and real-time integration with supply chain and financial management processes.

PROJECT QUOTATIONS

Turn opportunities into confirmed projects with project quotations.

- Work breakdown templates enable you to quickly build accurate project quotations.
- Resource scheduling provides insight into the availability of required project resources before a quotation is sent.
- Project quotation profitability helps you pick the right opportunities to pursue.
- Quotation approval workflows ensure proper project visibility.

PROJECT BUDGETING AND COST CONTROL

Drive project profitability with the tools you need to predict, monitor, and control project costs.

- Project budgets are workflow-enabled for approval original budgets and revisions.
- Budgetary control is supported in all relevant documents (purchase order, purchase requisition, vendor invoice).
- Project commitments enable early visibility into future project costs.
- Beginning balances journal enables you to transfer project balances from existing systems.

PROJECT PLANNING

Easily plan projects, large or small, by matching work requirements with available resources.

- Work breakdown structure templates make it easy to quickly plan common types of projects.
- Task requirements (skills, education, experience) helps find the right resource for the job.
- Projects can be integrated with the scheduling and resource management capabilities of Microsoft Project Server 2010 to streamline project management for any size project.

Transaction type	Estimated costs	Estimated revenue	Estimated profit	Estimated profit margin
Hour	2,400.00	4,200.00	1,800.00	75.00
Expense	100.00	250.00	150.00	150.00
Item	1,200.00	2,000.00	800.00	66.67
Totals	3,700.00	6,450.00	2,750.00	74.32

Project quotation profitability

Type	Original budget	Approved revisions	Unapproved revisions	Carry-forward	Approved budget	Commitment	Actual costs	Remaining budget
Hour	3,333.00	-200.00	-200.00	0.00	3,333.00	0.00	715.00	2,418.00
Expense	3,333.33	-100.00	-100.00	0.00	3,233.33	0.00	233.00	3,000.33
Item	4,444.00	-100.00	-100.00	0.00	4,344.00	0.00	1,395.00	2,949.00
Total cost	11,110.33	-400.00	-400.00	0.00	10,710.33	0.00	2,333.00	8,387.27

Type	Original budget	Approved revisions	Unapproved revisions	Carry-forward	Approved budget	Commitment	Actual revenues	Remaining budget
Fee	8,888.00	-100.00	-100.00	0.00	8,788.00	0.00	0.00	8,788.00
Hour	5,555.00	-100.00	-100.00	0.00	5,455.00	0.00	0.00	5,455.00
Expense	6,566.00	-100.00	-100.00	0.00	6,566.00	0.00	0.00	6,566.00
Item	7,777.00	-100.00	-100.00	0.00	7,677.00	0.00	0.00	7,677.00
Total reven...	28,886.00	-400.00	-400.00	0.00	28,486.00	0.00	0.00	28,486.00

Original target profit	Revised target profit	Current performance	Variance from revised targets
17,775.67	17,775.67	-2,323.06	-20,098.73

Project budget balances

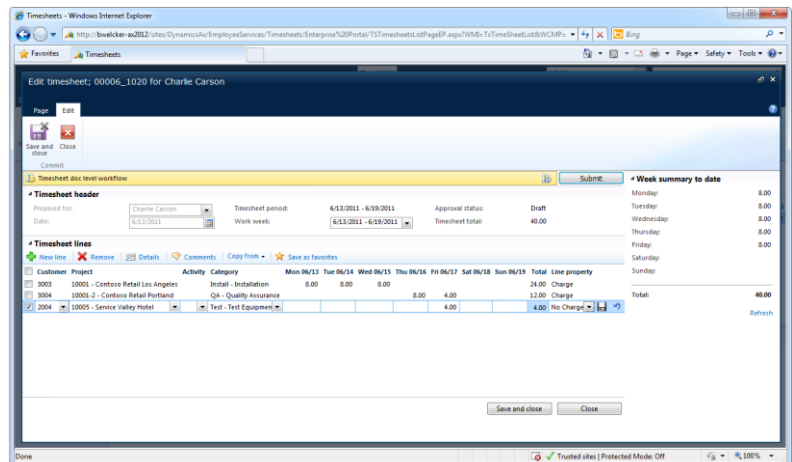
Assignment date	Day	Worker capacity (hours)	Soft commitment (hours)	Hard commitment (hours)	Worker available capacity (hours)
6/27/2011	Monday	8.00	8.00	8.00	0.00
6/28/2011	Tuesday	8.00	8.00	8.00	0.00
6/29/2011	Wednesday	8.00	8.00	8.00	0.00
6/30/2011	Thursday	8.00	8.00	8.00	0.00
7/1/2011	Friday	8.00	8.00	8.00	0.00

Project work breakdown structure

PROJECT TIME AND EXPENSES

Quick and accurate capture of project time and expense.

- Project timesheets are integrated with the Dynamics AX Enterprise Portal in Microsoft SharePoint for easy web-based deployment.
- User-defined common and favorite tasks speeds time entry.
- Full integration with Dynamics AX Expense management enables expenses to be distributed to a single project or across multiple projects.

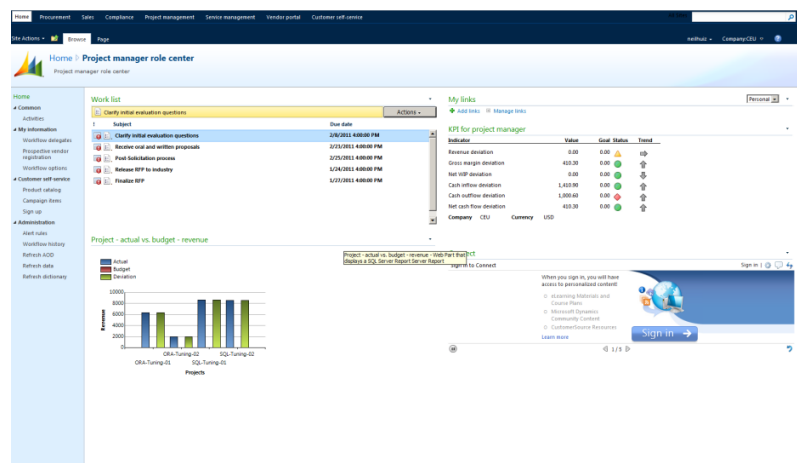


Project timesheet

PROJECT ANALYTICS

Uses the Microsoft Business Intelligence platform to provide a complete set of tools for monitoring and analyzing project performance.

- Project manager center provides a customized view of key performance indicators
- Out of the box OLAP cubes help measure and trend project performance metrics
- Dozens of built-in reports look at project financials from multiple dimensions and are easily customized using SQL Server Reporting Services
- Project control gives you a real-time snapshot of project performance
- Utilization metrics help optimize valuable human resources



Project manager role center

PROJECT BILLING

Handles complex project billing scenarios with ease.

- Funding limits enforce contractual caps on project costs.
- Split billing enables shared project costs between multiple customers or internal organizations.
- Pay when paid enables sequential liability for subcontracting.
- Retention terms can be specified on customer invoices and vendor payments.
- Project and subproject hierarchies can combine both time and material and fixed price projects.
- Public sector and not for profit organizations can manage grant lifecycles.
- Approval workflow ensures accurate project invoices before they are sent to the customer.

Summary

Mark	Project contract	Project	Project start date	Project end date	Invoice amount	Amount available to invoice	Invoiced
<input checked="" type="checkbox"/>	000003_341	PJN_000011	5/13/2011	5/13/2011	25,947.00	25,947.00	0.00

Details

Mark	Transaction type	Transaction date	Description	Currency	Category	Quantity	Unit price	Indirect costs	Line amount	Offset transaction	Credit note
<input checked="" type="checkbox"/>	Hour	5/13/2011	Project Management hours	USD	PM	10.00	150.00	0.00	1,500.00	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Hour	5/13/2011	New design hours	USD	Design	20.00	100.00	300.00	2,000.00	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Expense	5/13/2011	Flight charges	USD	Flights	1.00	1,152.00	0.00	1,152.00	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Expense	5/13/2011	Meals	USD	Meals	1.00	95.00	0.00	95.00	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Item	5/13/2011	Installation Service	USD	Spare	120.00	100.00	0.00	12,000.00	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Item	5/13/2011	Desk	USD	Spare	5.00	1,200.00	0.00	6,000.00	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Hour	5/17/2011	Development hours	USD	Design	20.00	100.00	0.00	2,000.00	<input type="checkbox"/>	<input type="checkbox"/>

Project invoice processing

Overview

Project contract	Invoice proposal	Invoice account	Customer name	Sales currency	Invoice	Invoice date	Invoice proposal status	Invoice format
000003_341	PJP_00000075	1101	Forest Wholesales	USD		5/13/2011	Open	Detailed Invoice

Summary

Project	Project name	Billing rule	Name	Amount invoiced	Line amount	Indirect costs	Retention percentage	Customer retained amount	Invoice line amount
PJN_000011	Retention example			0.00	24,747.00	300.00	10.00	2,504.70	22,542.30

Project invoice workflow

REVENUE RECOGNITION

- Accrue revenue or capitalize costs for time and material projects to recognize gross margin.
- Post and accrue revenue for fixed price projects based on percentage of work completed or completed contract.

	Estimate	Accumulated
WIP cost price		
WIP - cost value - hour:	16,904.68	16,904.68
WIP - cost value - expense:	13,639.63	13,639.63
WIP - cost value - item:	52,594.85	52,594.85
WIP - accrued loss:	0.00	0.00
Total WIP cost:	83,139.16	83,139.16
WIP sales price		
WIP - sales value:	0.00	0.00
WIP - production:	0.00	0.00
WIP - profit:	0.00	0.00
Total WIP sales:	0.00	0.00
WIP total		
Gross WIP:	83,139.16	83,139.16
WIP - Invoiced - on-account:	120,000.00	120,000.00
Net WIP:	-36,860.84	-36,860.84

Project revenue estimates

Microsoft Dynamics is a line of integrated, adaptable business management solutions that enables you and your people to make business decisions with greater confidence. Microsoft Dynamics works like and with familiar Microsoft software, automating and streamlining financial, customer relationship and supply chain processes in a way that helps you drive business success.

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