Project Management

Accurately Monitor the Project Cost Variance at Task and Category level.

Subcontractor Management

Better manage subcontractor by specialty and performance.

ECAC Updates

Simplifies updating ECAC (Estimated Cost at Completion) and enabling timely reporting of variances for operational and financial management.

ECAC Revision Tracking

Integrated with the PCM Project Budgeting Module to track ECAC revisions.

Monitor Margin

Provides visibility into margin gain or margin fade based on a Project Manager's historical ECAC revisions.

Audit Trail

Provides reporting on the complete audit trail of ECAC updates with notes, history, and margin impact.

Project Analytics

KPI reporting that tracks trends of margin gain and fade and other key indicators.

Period Sensitivity

Maintains ECAC revisions & budget history by period.

SIS
Strategic Industry Solutions

Microsoft Partner
Gold Enterprise Resource Planning

The SIS Project Cost Management Module is designed for Project based companies, such as Architecture, Engineering and Construction, specifically addressing the unique needs of companies executing Fixed Fee projects billed on a percentage of completion basis. It also enhances the ability to effectively manage budget revisions, change orders, schedule of values billing, and subcontracts.

Project Managers are able to easily update project ECAC (estimated cost at completion) on a real time basis and provide accurate visibility to variances by budget category and cost code or task. The ECAC analysis engine includes the needed detail and visibility for management to effectively manage cost and proactively avoid margin fade whenever possible.

This module not only enables SIS to deliver deeper industry functionality on the Dynamics 365 for operations platform, but shortens the implementation time required.

Project Budgets:
- Clearly track Original Budget, Current Budget, & Estimated Cost at Completion
- Change Order tracking for proposed, pending, & approved change orders integrated to budgets revisions
- Import budgets and change orders from Excel
- Budget by project categories and cost/task codes
- Visibility into budget versions and change order history

Subcontractor Performance Analysis & Management:
- Subcontract Management with proposed, pending, & approved change order tracking
- Generates Subcontract Agreement and Change Order Forms directly
- Compliance tracking for bonds, insurance, performance, and payments
- Subcontractor evaluation metrics on completion and performance
- Captures Metrics on Specialties & Performance

Project and Construction Billing:
- Rapid and easy entry for schedule of values by percent or quantity complete
- Invoices applications with customer retention
- Easy payment applications reversals
- Generates AIA style Construction Billing and Change Order forms directly

Fixed Fee Revenue Recognition:
- Streamlined Period Sensitive Automated Revenue Recognition

Project Reports:
- Project WIP Report—Visibility into the percent complete, pending change orders, paid-to-date costs and revenue, over/under billing, gross amount, gross margin, retention, and more, with revenue recognition preview and cost analysis by category and activity.
- Project Financial Overview Report—A detailed project overview that includes metrics such as the ECAC, gross margin, committed amounts, approved, revised and pending change orders, and more.
- Project Summary Report—provides a high-level view of the project by categories with respect to the original and current budget, ECAC, CTC, and actuals.
- Project Cost Analysis Report—project variances that are reported by activity and category in order to get an accurate measurement of the health and risk of the project.

Save + New 🗑 Delete GENERAL OPTIONS 🔍

Construction contract

Field	Value	Field	Value	Field	Value	Field	Value
Project ID	000205	Customer account	US-004	Funding source	000189 Cave Whole...	Contract status	Approved
						Prev. work in place	137,500.00
						Amount remaining	12,500.00
Project name	Peachtree Corners Buiding 6	Name	Cave Wholesales	Retainage %	10.00	Scheduled value	150,000.00
						Retention to date	13,750.00
						On account budget amount	150,000.00

Overview

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✓	Line num	Description	Billing basis	Quantity	Scheduled value	Stored ...	Qty delivered	Percent comp...	Work in place	Amount rem...	Retainage %	Total retainage	Retainage amo
	100.00	Mobilization	Percentage	0.00	20,000.00	0.00	0.00	100.00	20,000.00	0.00	10.00	2,000.00	0.
✓	200.00	General Conditions	Percentage	0.00	30,000.00	0.00	0.00	100.00	30,000.00	0.00	10.00	3,000.00	0.
	300.00	Concrete	Percentage	0.00	10,000.00	0.00	0.00	100.00	10,000.00	0.00	10.00	1,000.00	0.
	400.00	Electrical	Percentage	0.00	40,000.00	0.00	0.00	100.00	40,000.00	0.00	10.00	4,000.00	0.
	500.00	Change Order 1234	Percentage	0.00	50,000.00	0.00	0.00	75.00	37,500.00	12,500.00	10.00	3,750.00	0.

Contract details ⌄

Notes ⌄

Save + New 🗑 Delete ECAC TABLE OPTIONS 🔍

ECAC table

Totals

BUDGET TOTALS		ECAC TOTALS		REVISION TOTALS			
Revenue amount	125,000.00	ECAC	107,938.30	ECAC net change	2,986.70	Revised profit margin	11.26
Budget amount	108,125.00	ECAC qty	716.00	ECAC revised amount	110,925.00	Revised cost to complete	110,925.00
Profit margin	13.50	ECAC profit margin	13.65	Revised qty	726.00		
Actual amount	0.00	Cost to complete	107,938.30				

Notes ⌄

Budget lines

✓	Task code	Description	Budget cate...	Current budget	Actual amount	Committed cost	ECAC amount	ECAC revised amount	ECAC net change	Variance	Revised qty	Revised rate
	000002	Engineering	Labor	41,250.00	0.00	0.00	40,263.30	42,500.00	2,236.70	-1,250.00	250.00	170.00
	000004	Site work	Labor	26,250.00	0.00	0.00	27,300.00	27,300.00	0.00	-1,050.00	260.00	105.00
	000005	Project management	Materials	3,750.00	0.00	0.00	3,750.00	4,500.00	750.00	-750.00	30.00	150.00
	000006	Field engineering	Labor	6,250.00	0.00	0.00	6,000.00	6,000.00	0.00	250.00	60.00	100.00
	000006	Field engineering	Subcontract	15,000.00	0.00	0.00	15,000.00	15,000.00	0.00	0.00	1.00	15,000.00
	000008	Metal Work	Labor	15,625.00	0.00	0.00	15,625.00	15,625.00	0.00	0.00	125.00	125.00

Save + New 🗑 Delete PROJECT BUDGET OPTIONS 🔍

Project budgets

Identification

Field	Value	Field	Value	Field	Value	Field	Value
Project ID	000195	Revision no	4	Budget type	Original	Status	Committed
Description	A D Players New Theater	Revision date	10/4/2016	Change order no		Committed period	10/31/2016

Totals

Revenue amount	Budget amount	Profit margin
100,000.00	70,250.00	29.75

Schedule ⌄

Workflow history ⌄

Change order ⌄

Budget lines

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Task code	Description	Budget category	Quantity	Unit	Unit price	Line amount	Start	Finish
000001	Revenue	Revenue	2.00	Ea	50,000.00	100,000.00		
000004	Site work	Labor	100.00	Ea	100.00	10,000.00		
000005	Project management	Subcontract	300.00	Ea	75.00	22,500.00		
000006	Field engineering	Labor	200.00	Ea	125.00	25,000.00		
000007	Demolition	Labor	150.00	Ea	85.00	12,750.00		