SIS

Construct 365
Project Cost Management

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 platform, but shortens the implementation time required.

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.

Units Based Projects

Handles complexites of units all the way from estimating importing, to installation, and projections with rich reporting to support the process.

Monitor Margin

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

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 for POC and Units

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 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.

HEAVY CIVIL

- Estimate Import and Processing (Heavy Bid & Bid 2 Win)
- Automated projection from real time field data
- Pay/Bid Item budgeting
- Automated SOV Unit Billing

Open in Power BI　OPTIONS

SiS — Work in Progress

Segment: All

Project Name: All

Contract amount by State
CANADA
UNITED STATES
MEXICO
GUATEMALA
CUBA HAITI
Caribbean Sea
Gulf of Mexico
COLOMBIA
Bing — © 2018 HERE, © 2018 Microsoft Corporation Terms

Percent complete
0.00%
37.19%

Billing and Open A/R
Billing backlog$
AR balance
YTD billing$

GM % Change from Booking
67.81%

Orignal Vs Current Gross Margin...
Orig gross margin % ● Current Gross Margin %
500%
400%
300%
200%
100%
0%

Pending change (orders) and Contract amount
Pending change orders$ — 5M
Contract amount — 5M
100%
1,374.9%

14,787,382.39	11,708,527.02	3,078,855.37	2,409,591.78	8,086,962.45	4,800,338.13
Contract amount	Estimated Costs	Estimated Gross Mar...	YTD cost$	YTD billing$	YTD revenue$

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SiS Project Health Dashboard

Contract Type: ☐ Daily Progress ☐ Lump Sum ☐ Time & Material ☐ Work Order

Project Manager: ☐ Pierre Heri ☐ Rick Crowley ☐ Sigurdur Gislason ☐ Ted Howard ☐ Theresa Jayne

Month: 8/10/2016 — 12/31/2017

YTD Revenue $	YTD Cost $	YTD Gross Margin $	YTD Gross Margin %	Revenue Backlog $	Gross Margin Backlog
9.70M	7.65M	2.05M	21.10	54.72M	29.15M

Project Profitability by Gross Margin
Red
Green

Labor Analysis
0.4M
0.2M
0.0M
Jan 2017　Jul 2017

Cost Analysis
Equipment
Labor
Material
Subcontractor
Other

Change Orders Management
● Approved CO ● Pending CO
0.0M　0.5M　1.0M

Over/Under Billing
0.00M
-4.00M　4.00M
4.11M

Cash Position
0.00M
-7.14K
-4.00M　4.00M
-24.03M

Overview　Details

Select Report Period: 7/15/2016 — 1/31/2018

SiS Project Cost Analysis

Budgeted Variance	% Complete	Margin $	Margin %
-230.53K	0.31	3.65M	0.17

Select PM
☐ Amie Mondloch
☐ Charlie Carlson
☐ Luke Lonhart
☐ Pierre Heri
☑ Rick Crowley
☐ Sigurdur Gislason
☐ Tod Howard

Select Project
☐ 4700 West Elm Street
☐ Davita Dialysis Clinic
☐ Feeder Line 6
☐ Garden Village
☐ Healthsouth Sewick...
☐ KaMin Plant
☐ UCLA Medical Center
☐ UVA Wise Library
☐ West Elm Industries

Committed and Actual VS ETC
ETC
Actual
Committed

Trend Analysis
● Budget ● BCAC ● Actual
2m
0m
1900Q1　2016Q4　2017Q1　2017Q3　2017Q4　2018Q1

Labor Analysis
● Budget ● BCAC ● Actual
25K
20K
15K
10K
5K
0K

Select Budget Category
☐ Equipment
☐ Labor
☐ Material
☐ Other
☐ Production
☐ Revenue
☐ Subcontractor

Billed to Date
5.53M
6.80M　11.65M

Cash Position
0M
-1M
-2M
1900Q1　2016Q4　2017Q1　2017Q3　2017Q4　2018Q1

Task Code	Description	Budget Category	Current Budget Amount	Current Budget Qty	Current BCAC Amount	Current BCAC Qty	Committed	Actual Amount	Actual Qty	ETC	Budget Variance	% Complete
GC-47280	Job Site Travel Expense	Labor	188.07	1.00	188.07	1.00	0.00	0.00	0.00	188.07	0.00	0.00
GC-48000	Owner & Developer Fees	Labor	75.00	1.00	75.00	1.00	0.00	0.00	0.00	75.00	0.00	0.00
GC-48010	Developer Fees	Labor	0.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00
GC-48100	Developer Manager	Labor	15,000.00	200.00	15,000.00	200.00	0.00	8,286.76	90.00	6,713.24	0.00	0.55
GC-90051	Superintendent	Labor	7,500.00	100.00	7,500.00	100.00	0.00	4,690.76	50.00	2,809.24	0.00	0.61
GC-90052	Asst Superintendent	Labor	975.00	5.00	975.00	5.00	0.00	376.22	3.00	98.78	0.00	0.74
GC-90054	Senior Project Manager	Labor	225.00	3.00	225.00	3.00	0.00	92.02	1.00	132.92	0.00	0.41
GC-90056	Project Executive	Labor	7,500.00	100.00	7,500.00	100.00	0.00	4,429.76	50.00	3,090.24	0.00	0.61
GC-90057	Project Manager	Labor	75,000.00	1,000.00	75,000.00	1,000.00	0.00	41,423.76	450.00	33,596.24	0.00	0.55
GC-90062	Team Building & Travel	Labor	21.88	1.00	21.88	1.00	0.00	0.00	0.00	21.88	0.00	0.00
GC-90100	Superintendent	Labor	131,250.00	1,750.00	131,250.00	1,750.00	0.00	80,545.61	875.00	50,664.50	0.00	0.61
GC-90105	Senior Project Manager	Labor	150,000.00	2,000.00	150,000.00	2,000.00	0.00	82,667.50	900.00	67,132.50	0.00	0.55
Total			17,848,273.19	15,455,129.54	17,878,738.58	15,555,650.22	9,229,262.54	5,539,983.37	12,237.00	3,109,554.47	-230,527.19	0.31

Overview