

Company: Granite Construction Company

Location: Dubai, UAE

Industry: Construction

Sub Classification:

EPC , Oil & Gas

Granite Construction Company :

Established in 1973, Granite Construction Company is one of the known organizations in the Construction field of Oil & Gas, Power & Water, Industrial and Commercial Sectors.

Solution:

Granite Construction Company implemented Dynamics AX solution across its organization to allow for centralized management of customer and vendor information

ERP Software:

Microsoft Dynamics AX.



Granite Construction Company is one of the known organizations in the Construction field of Oil & Gas, Power & Water, Industrial and Commercial Sectors. The company was founded in 1973, with an entrepreneurial leadership and vision, to establish a leading construction company, a goal which is being achieved due to Technical Expertise, Strategic Planning skills and Stringent Quality Management / HSE policies over 35 years of experience.

The company has an edge over the stiff competitive market with it's unprecedented track record especially in mission critical projects such as Plant Shutdown oriented works, and has secured many HSE awards in the field of construction.

Situation:

Granite Construction Company found that they weren't able to easily track project estimations, project variances and data, and customer and vendor information was often duplicated. The leadership team also found that MIS reports were missing Granite Construction Company was looking to streamline the processes and set a common business practice throughout the organization.

Granite Construction Company was looking for an Enterprise Resource Planning (ERP) platform that could implement standardized Business Processes across the entire organization so that all department information could be centralized and available right when our teams need it."

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Solution:

“Granite Construction Company partnered with Microsoft® Country Partner CEM Business Solutions to deploy business management system Microsoft Dynamics® AX.”

CEM Business Solution says: “As a part of deployment we mapped business processes at Granite Construction Company. With a view to consolidate their Finance, HR, Purchasing, Operations and Projects, Assets & Stores. CEM was involved in re-engineering their procurement & costing process for accurate tracking of project costs.

CEM Business Solutions also deployed CEM Add ons which was not available in core AX.

Granite Construction Company can now access real-time data and reports on Financials, Cost Control, Project Metrics, Role-specific Dashboards with up-to-date information from all teams. The company is able to compile information and reports faster as a result of centralized customer and vendor information, and precise cost.



Dashboard for Granite Construction



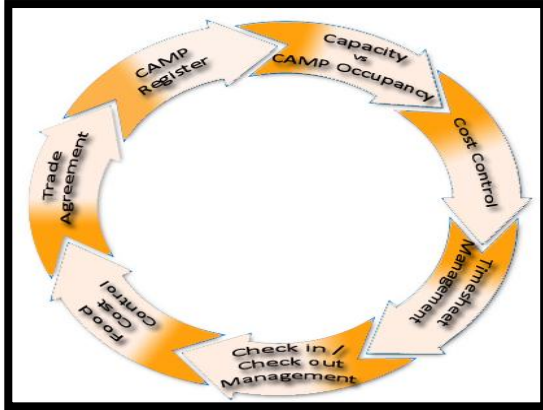
Custom Module for Granite Construction Company

- **CAMP:** With the help of Camp module GGC can now track the check in and Checkout of every hire in real time and also able to manage the resident resources, camp capacity, occupancy. Reporting of capacity planning, allocating actual cost to respective projects is also done in the system now.

Benefits:

Enhanced business processes

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• **SCAFFOLDING:** GCC can now effectively manage the hiring of scaffold to projects and analyze the requested Vs consumed Vs invoice. Management of scrap by lost material is now receiving certified supply invoices by every site for better control and reconciliation.

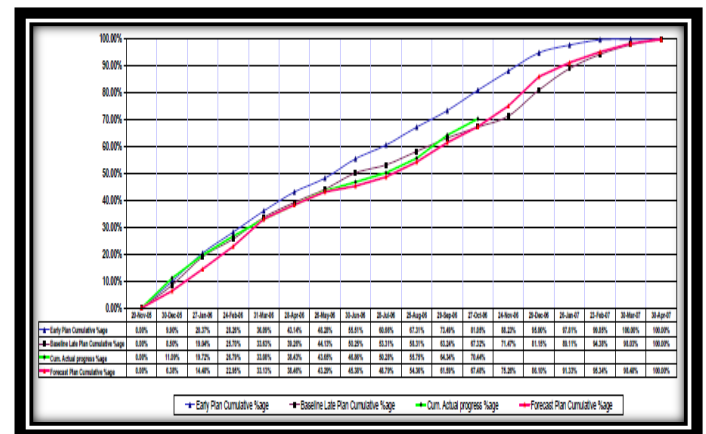
• **PMV (PLANT, MACHINERY, VEHICLE):** GCC is having better visibility on both external hire & internal hire and PLANT, MACHINE, VEHICLE utilization are done effectively. This module helped GCC to maintain equipment log sheet with Equipment history like Equipment transfer, renewal history etc. Tracking of fuel consumption, requested Vs actual Vs invoice and the registration notification, license, security pass, warranty period expiration has become easier.

• **CONCRETE:** Receiving optional item with concrete and actual concrete received for each pour is effectively tracked by the system, direct expensing of concrete to purchase to projects is also been mapped accurately, this was one of the GCC key requirement which is fully customized by CEM as it was not available in core AX.

• **SUB CONTRACTORS:** GCC is able to manage subcontract scope, scope breakup, payment milestone efficiently. Advance payments and deduction against advance with retention and retention release is also tracked by the system effectively.

• **LABOUR TO HIRE :** Timesheet of each hired labour or hired employee with their food & accommodation details and the certified hours of work is been effectively tracked by the Camp module.

• **PROJECT PRO:** Project monitoring tool is used as add ons to monitor the progress of each project and to get the WBS Summary, Performance ranking, this module also helps to do the Root cause PARETO analysis & S-curve analysis.



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