

CASE STUDY

PCE – Project Cost Estimation for Communication Providers

Client Requirement:

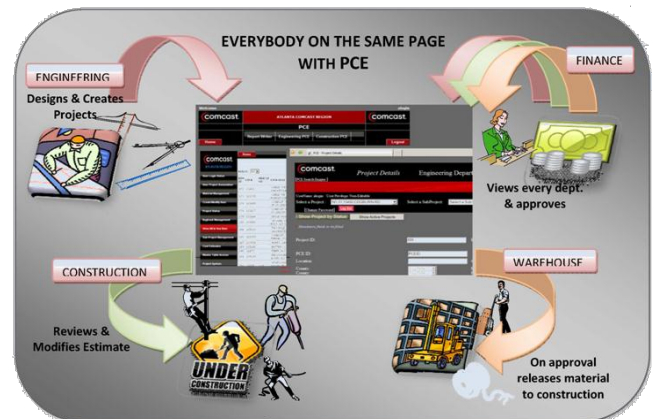
A solution to make project estimates and manage labor and material cost for cable television construction projects integrating multiple departments like Engineering, Construction, Finance and Warehouse.

Challenge:

PCE solution had to replace multiple, cumbersome spreadsheets that were in use earlier, create seamlessness and assist the distribution and flow of projects for multiple departments. The solution also needed to provide automatic e-mail notification to update each department of modifications and approvals throughout each stage of projects. Facilitating seamless flow of construction project tasks from start to end and providing quick and easy access for an efficient project estimation, material tracking, reporting and execution were also important features.

IMMCO Approach & Solution:

IMMCO developed quick and easy access to efficient project estimation, forecasting and rollout system for this MSO. With PCE, inventories always meet the needs of the business because each department can plan and anticipate supply and demand. Since PCE automatically tracks supply, demand and cost, businesses avoid project delays. With PCE, the user can design a specific project template that fits his business model and can view summaries or details of the project BOM at all stages in the approval process from “Open” to “Materials List Printed.” Whether in the field or in the office, all departments stay connected.



The PCE solution generates a status email at each stage of “Freeze,” “Release” and “Approved.” Regardless of departmental organization, PCE will assist the user in managing every aspect of a project. Supervisors create, review and modify the project. Administrators approve or deny projects and access all other administrator functions. Modules on field survey, invoicing, single BOM repository, data standardization across entire system, instant payback calculation, cable specific calculators, real-time warehouse inventory status, etc are new components to PCE being built for other customers. There are no more wrong parts, incorrect pricing, missing items or construction delays.

Other notable benefits of this solution are easy Web access, increasing field personnel efficiency, automatic E-mail notification, review and modification ease of decisions at multiple levels, track & change project statuses at any stage, efficient & paper free work environment – Go green!!

Project Status:

A user-friendly web application that has handled tens of thousands of construction projects, since 2005, has moved through multiple departments during its project flow. IMMCO has expanded from PCE to create more clients and more modules since then.