



CBA instrumental in helping CRAA cut unbudgeted carryover cost for Capital Project by 88% in 1 year.

CBA began working with the Columbus Regional Airport Authority when they wanted to implement more standardized business processes across capital project planning and execution. CRAA was especially motivated since it was gearing up for its largest capital project ever, a five year, \$150 million runway relocation project, and wanted to ensure greater visibility into and control over project scheduling, costs, and cash flow. CRAA decided to deploy Primavera P6 EPPM and eventually Primavera Contract Management(PCM) and chose CBA as its partner to assist in developing scheduling methodology around P6 and to help implement Contract Management. "CBA is our partner whenever we launch a Primavera initiative", said Alex Beaver, manager, project controls office CRAA. "The team knows our system and has a history with CRAA, so it can hit the ground running. The Critical Business Analysis team has been instrumental in setting us up to make the most out of our Primavera P6 investment."

The Columbus Regional Airport Authority (CRAA) is a public entity that works to connect Central Ohio with the world. It oversees operations at three airports - John Glenn Columbus International Airport, Rickenbacker International Airport, and Bolton Field Airport - and manages the Rickenbacker Inland Port and Foreign Trade Zone # 138. It was created in 2002 through the merger of the Columbus Airport Authority and Rickenbacker Port Authority. CRAA manages approximately 100 projects annually, including initiatives as diverse as road and runway construction and maintenance, terminal improvements, construction of a new air traffic control tower, technology infrastructure development, customer service projects, and energy conservation programs.



"CBA is our partner whenever we launch a Primavera initiative... setting us up to make the most out of our Primavera P6 Investment!"

-- Alex Beaver, Senior Manager of the Project Portfolio Office, *Columbus Regional Airport Authority* --

Once CBA had finished implementing a working P6 environment, we began building a PCM v13 infrastructure capable of capturing budgeted contracts, committed contracts, change management, and invoices. We were also instrumental in the execution of integrating the P6 and PCM environments with CRAA's Microsoft Dynamics-NAV ERP Software (NAV). We designed and developed a solution for integration of cost data between the three systems which fully automates the creation of P6 activities and resource assignments along with regular updates of budget and actual cost in P6 from data entered into PCM and/or NAV. This was a project that required and in-depth knowledge of the P6 database structure and internal application business rules.

CBA Delivers Business Value

P6 Deployment and PCM Infrastructure

- » Implemented P6
- » Developed scheduling methodology around P6
- » Trained users how to use P6 using established CRAA processes
- » Developed infrastructure for Primavera Contract Management capable of capturing budgeted contracts, committed contracts, change management, and invoices

Custom Report Development

- » Utilized InfoMaker to design and develop 16 custom reports for PCM and P6 integration. Later converted reports into BI publisher to accommodate a future upgrade to PCM v14

Integration between P6 and PCM

- » Designed and developed integration for cost data between NAV Financial System, PCM, and P6
- » Developed fully automated activity and resource assignment solution
- » Helped implement automatic updates of budget and actual cost in P6 v7 from data entered into PCM v13.1
- » Provided an Engagement Manager and Core Team member along with integration development services
- » Developed custom training manuals and conducted role based training for Go Live execution