



CHANDOS



4castplus

Customer Success Story

CBS JV Corp.

Challenge: CBS JV needed a unified software platform to manage the \$250M ANMRC project to control costs and ensure project success.

Solution: 4castplus was chosen as a centralized, unified platform for all members of the JV for project controls, project procurement, project cost tracking, change order management, forecasting and reporting.



Background

The CBS JV Corp is an integrated joint venture that has been selected to deliver the Advanced Nuclear Materials Research Centre ("ANMRC") for Canadian Nuclear Laboratories (cnl.ca). The project will be delivered using an Integrated Project Delivery (IPD) model. Chandos Construction is the managing partner of the joint venture which also includes Bird Construction and Sullivan Construction. ([Chandos](#), [Bird](#), [Sullivan](#)).



Canadian Nuclear Laboratories

The project has a total budget of \$250 million and will be one of the largest active research facilities ever to be constructed in Canada. It will enable world-class research in nuclear energy, public health, environmental stewardship and global security. A significant project undertaken as part of the revitalization of the Chalk River campus, the ANMRC will consolidate key capabilities from a number of aging facilities that are scheduled for decommissioning.

The Situation

In 2020 the CBS joint venture was embarking on the construction phase of the \$250M ANMRC project. As a consortium of construction project experts from three national construction companies, they recognized that, to reduce project risk and increase their likelihood for major project success, they would need to introduce a unified software platform for project cost management. This would be needed for daily strategic oversight of project costs, activities, and progress; along with the ability to iteratively measure, forecast and report on project health and projected outcomes. "A project this size," says Trevor Watt, senior project manager at CBS JV Corp, "Warrants significant rigor and oversight to ensure we can quickly identify and eradicate potential issues before they can cause problems."

As a joint venture, they additionally agreed that they would evaluate and select an independent software vendor that is not directly affiliated with any of the partners in the JV, to provide the system on which they would manage the project as a collaborative team. Key requirements for the software solution were:

- Strong project controls
- Budgeting including budget revisions and time-phasing
- Estimating

- Powerful project planning including WBS and CBS design
- Project procurement and subcontracting
- Real-time project tracking
- Change order management
- Progress measurements and forecasting
- Flexible reporting and dashboards
- Document management
- Revenue management
- Easy exports and integration with accounting systems
- Integration with P6
- A cloud-based system that is easy to use
- Modern, web-based interface

Solution: 4castplus

As the managing partner for the JV, Chandos construction took the lead in evaluating software solutions on the market that would be a fit. After weeks of product demos and presentations, the team selected 4castplus as the software that would best meet the requirements of this large, complex project. "It was helpful that several of the team members were already familiar with 4castplus," adds Watt, "But in the end, the system checked all the boxes and was the ideal fit." As an integrated design and build organization with many partner entities, CBS shoulder's the responsibility for the full project lifecycle, which makes 4castplus an ideal match for this level of end-to-end complexity.

Successful Outcomes

For the CBS joint venture, 4castplus is now the single system that can be used for the full project lifecycle and includes the use of, project controls, job cost tracking, procurement, subcontracting, reporting, change order management and customer billing. Each partner in the JV can both manage the project as an individual entity within their own area, as well as holistically from the scope of the whole project. They now have the right tool to run a complex project with multiple partners.

Additionally, since each JV entity has their own labor resources performing work on the project, the hours & reimbursable expenses collected in 4castplus daily need to be exported to each entity's payroll system. 4castplus provides easy payroll exports that can be tailored to the requirements of each partner's requirements. More than just



payroll, other information such as vendor invoices and customer billing information is also shared with the accounting systems.

"The CBS partners see this as a winning solution for more integrated design build projects like ANMRC." Watt states. "The JV is utilizing 4castplus on other projects and is actively pursuing further opportunities for a healthy future."

Learn More

If your company is in need of cloud-based project cost management software as a unified platform for your project teams to successfully deliver projects, we'd love to hear from you! Contact us today at the following:

[Click here to contact us](#) or

[Click here to sign up for a live demo](#)

