



**Dominic Caron**, Commissioning & Operation Readiness Lead at Progesys Inc.

# Case Study: Enhancing project integration and operational readiness

## Background:

Progesys is a leading company specializing in project management. [With more than two decades of experience in the aluminum industry](#), Progesys helps project owners around the world deliver successful projects. The company has recognized the importance of optimizing

the integration of various project phases, from feasibility to execution, including operational readiness. This case study explores how Progesys has implemented strategies to optimize project execution and ensure the seamless transition from construction to operation, and how they significantly save cost and improve project schedules.

## **Challenge:**

In the world of project management, teams working on project feasibility and execution often focus on engineering, procurement, and construction, leaving out the integration of crucial phases and activities like commissioning and operational readiness. The lack of integration between these phases can lead to inefficiencies, frustrations, and missed opportunities for collaboration. Progesys aims to address this challenge and identifies the need for a structured approach to an optimal integration of all project phases including operational readiness.

## **Approach:**

Progesys identifies that a well-structured project framework is essential to meet the needs of various stakeholders involved in the project. To achieve this, they emphasize the importance of assigning key personnel who can bridge the gap between different project phases. The key personnel, equipped with proprietary tools and technology solutions, are focused on understanding the specific requirements of each stakeholder, ensuring cohesion between them and aligning these requirements with the project's objectives.

## **Solution:**

To facilitate project integration and operational development, Progesys deploys experienced resources possessing the know how and soft skills required to engage all parties. They have also

developed proprietary solutions for project management, commissioning, and operational readiness. These solutions include the preparation of an execution plan, which serves as a guiding document throughout the execution and transition to operation. This plan goes beyond being a mere document; it becomes the roadmap to implement various procedures, such as construction progress and mechanical completion, deficiency management, inspection procedures, and transfer methods to operations. Progesys also prepares the planning and the cost control deliverables required to monitor project schedule and cost.

The solutions involve the use of proprietary, specialized software developed by their teams over the past decade, including CxForce and ORForce, two web-based technology solutions. They allow the project teams and all stakeholders to manage the execution, the commissioning and the operational readiness phases and deliverables. By integrating these systems, Progesys significantly improves operational efficiency.

## **Results:**

Progesys' commitment to project integration and optimal operational readiness has made them a strategic partner for many clients in the aluminum industry. By bridging the gap between project phases, they allow for smoother project execution and enhanced collaboration. The tracking tools and meticulous reporting provide a comprehensive overview of project progress, helping clients make informed decisions and saving costs.

Additionally, Progesys has made it a priority to conduct post-project evaluations and share lessons learned with stakeholders, which enhances the continuous improvement process.

These results were achieved on projects in the aluminum industry such as the new aluminum remelt furnace at Laterrière Plant. The project team and stakeholders, including vendors and contractors, installed and commissioned a new remelt furnace at Laterrière Plant, adding 22,000 metric tons of recycling capacity to the aluminum operations in the Saguenay – Lac-Saint-Jean region of Quebec. The project has been completed to offer customers in the North American automotive and packaging industries a new sustainable supply solution combining low-carbon and recycled aluminum. Dominic Caron, from Progesys, played a key role, putting the puzzle together, as described by the owner team manager from Rio Tinto, providing the guidance, the tools, and the expertise to align all efforts and achieve the best results.

## Conclusion:

Progesys' proactive approach to project phases integration and operational readiness, and their commitment to meeting the needs of all stakeholders have positioned them as a leader in the industry. The dedication to creating a structured framework for projects and the comprehensive solutions have significantly improved the efficiency and effectiveness of the project management and commissioning services and improved project schedules, saving millions of dollars on projects. As a result, Progesys continues to be a trusted partner for organizations seeking excellence in project execution.





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## CONTACT US

 [info@progesys.ca](mailto:info@progesys.ca)

 +1 877-764-3797  
[www.progesys.ca](http://www.progesys.ca)