



4castplus Case Study: Mangan Inc.

About Mangan Inc.

Mangan is a highly specialized control systems and automation engineering organization that provides a range of services to multiple industries such as Oil & Gas, Power, Renewables, Biopharm and more. They provide engineering, manufacturing, procurement and project management services across the US, consistently providing exceptional results with their rich experience and deep bench of resources.



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The Challenge

In early 2023, the California-based team at Mangan landed a very large project with a major oil & gas producer. This project involved a significant procurement component that required the Mangan team to be responsible for long-lead procurement of engineering-designed equipment and materials. At the time, Mangan did not have a dedicated system that specialized in engineering-driven procurement. Their client, however, had inserted a clause in the contract requiring the winning bidder to have such a system in place. Mangan quickly began evaluating procurement solutions that would fit this purpose.

The Solution

The Mangan team looked at a number of options for procurement systems; however, they quickly learned that there were not a lot of alternatives for off-the-shelf software that specializes in procurement at this level of sophistication that can handle the complexity of what they needed.

4castplus topped the list of their preferred system and vendor. It is an ideal fit for engineering firms such as Mangan. It met their rigorous requirements for full-lifecycle industrial project procurement. It uniquely met their procurement needs with features such as:

- Purchase requisitions
- Tagged items
- RFQ/RFP bid management
- Purchase order management
- Vendor portal
- Expediting
- Receiving
- Vendor invoice matching
- Approvals
- PO revisions and change orders
- Three-way match
- Procurement milestone planning
- Powerful reporting and dashboards
- Vendor management
- Materials and equipment costing databases
- Integrations with other enterprise systems (such as their ERP)

In addition to meeting the feature requirements, they also found the system to be easy to use and nicely laid out. This was an important element in their decision, as they wanted to be sure their users could be easily onboarded and that they would be happy with the new system.

On top of that, they were also very impressed with how flexible the system is for managing a wide range of project types and sizes. It has the depth to support very large and complex projects, but also can scale to meet the needs of smaller projects without overcomplicating them.



The Results

Because of the 4castplus unified, cloud-based platform, Mangan was able to achieve a rapid implementation of 4castplus and today, Mangan is leveraging the power of 4castplus on all their projects large and small.

- 4castplus is enabling significant productivity improvements in long-lead procurement efforts
- Mangan is now able to bid on larger, more complex, and lucrative projects
- The teams are able to run single-click reports to provide to internal stakeholders and clients
- The finance team is leaning on 4castplus for cash flow planning & reporting, accruals management, customer billing, and profitability reporting

Stats/Interesting Points

Beyond Procurement

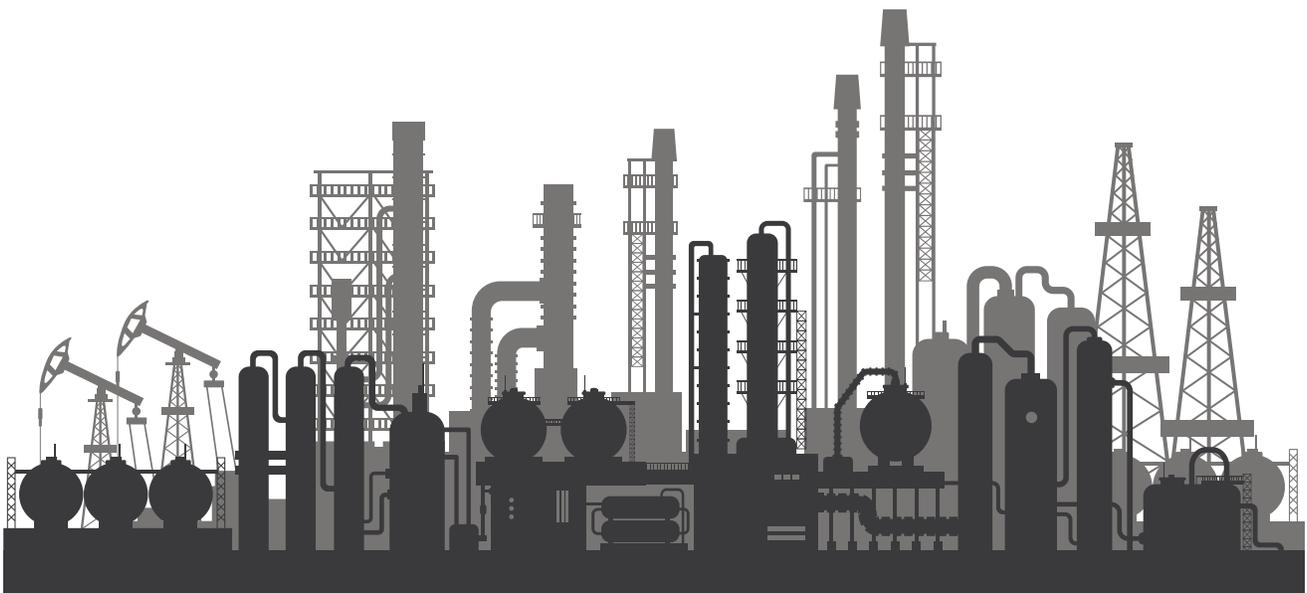
Mangan started looking for a procurement solution but found much more. 4castplus also supports project controls, document management, budgeting, change management, cost tracking, and revenue contracts, all in one platform.

One Platform, Multiple Units

The evaluation team recognized that 4castplus could address system gaps across other business units that lacked a centralized, integrated project controls solution, extending value well beyond the original procurement use case.

Scalable Rollout

Following a successful initial implementation in Mangan's California division, interest rapidly grew across the organization. This led to a phased expansion, with Mangan PAC in Texas, focused on power generation projects, becoming the next division to onboard.





Performance Highlights



Key Project Insights

4castplus now delivers critical insights into much more than simply which projects are not performing to plan – it also provides the tools and reporting for what to do about it: how and where to take corrective action.



Increased Profitability

As part of their implementation, Mangan also worked with the 4castplus team to establish standardized processes and leading practices. This has resulted in consistency, efficiency and ultimately increased profitability.



Performance Highlights

By transitioning from spreadsheets to 4castplus, Mangan now manages a much broader portfolio of procurement-driven projects across various geographies and industries. Their ability to streamline the procurement lifecycle has resulted in a leaner team tackling a large portfolio of projects.