



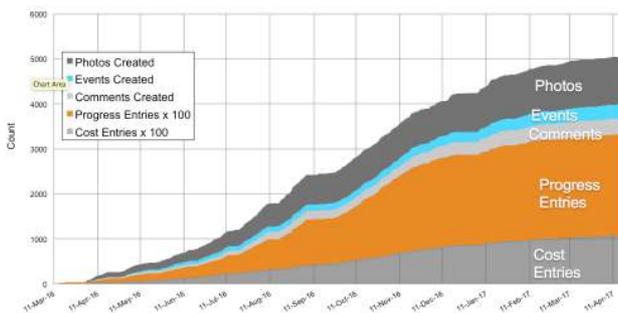
QGC Surat North CASE STUDY

Transforming open-book contracting

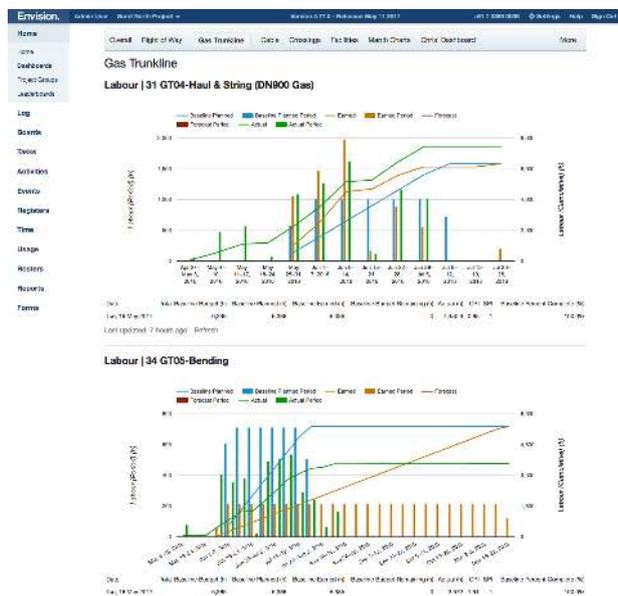
MPC Group was retained by CPB Contractors to build two trunklines as part of the major QGC Surat North Project from 2016 to 2017. Led by QGC, Envision had been selected as the central project management system for use by contractors and their subcontractors. This resulted in three project delivery parties directly using Envision to collaborate on the delivery of the trunklines.

MPC Group deployed Envision's full suite of features, with a focus on work planning, progress and cost capture, daily diary creation, change management, and ongoing productivity reporting. Across the two trunklines, in the first year of use alone, Envision supported:

- 1,062 photos
- 1,414 user comments
- 2,236 progress entries
- 292,500 cost entries (labour and equipment)
- 842 reports (daily, weekly etc)
- 1,263 hours saved in reporting efficiency.



Envision enabled a completely open-book approach for MPC Group – not only with its client, CPB Contractors, but also with the owner, QGC. All parties saw the same data, setting the foundation for a collaborative contracting relationship.



Key advantages

Central data management

With everything from a day-to-day perspective captured in one system, specific reports down to a single crew could be accessed in moments. Compared to paper-based systems, or even separate spreadsheets, centralised data became a significant time saver. Not only did it improve collaboration and speed up the reporting process, it also reduced the number of staff required from a project controls point of view – especially at a project level. As a result, project leaders on the ground gained real ownership of the data being entered, rather than having someone off-site managing it full-time.

“Envision opens up different communication, reporting and decision-making avenues for people like construction managers, project managers and engineers. It's a lot easier for them to see how well they are performing and whether they need to up their game. That wouldn't have been available in the past without days or weeks of analysis – and by then, the information would be outdated. With Envision, as long as your data is current, you have a snapshot in seconds of where you sit as a project.”

-Brendan McGuckin, Commercial Manager, MPC Group

Easy reporting compliance

Envision allowed MPC Group to hit its reporting contract requirements – from daily reports for resources, to weekly reports for the schedule, to earned value reports and more. Because it allowed an open-book approach with CPB Contractors and QGC, this reporting efficiency also gave MPC Group’s client (and their client) confidence they were being included in, and notified about, everything.

Transparent variations

Envision’s timesheet capability drove resource data capture for labour, plant and materials. For variations, the immediacy of these records fast-tracked contract management. There was also no hidden information, supporting a truly no-surprises relationship around claims – uncommon in the wider industry. Without Envision, the high degree of transparency wouldn’t have been possible and certainly not as accessible. Envision opened up the client’s view of the project, at their convenience.

Step change in project management

The greatest gain Envision provided was that it helped MPC Group take the next step in improving the day-to-day running of a project in terms of data and records management. For a company with previously paper-based processes, this not only influenced how MPC Group related to its client, but also how it operated internally. Functions like the ability to link Envision directly to payroll, cancelled out repetitive data entry. General efficiency and quality in the capture and reporting of key metrics were also transformed. MPC Group is looking at opportunities to adopt Envision for other projects, having seen the benefits.

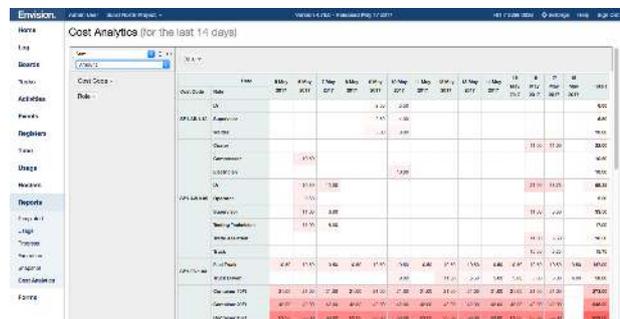
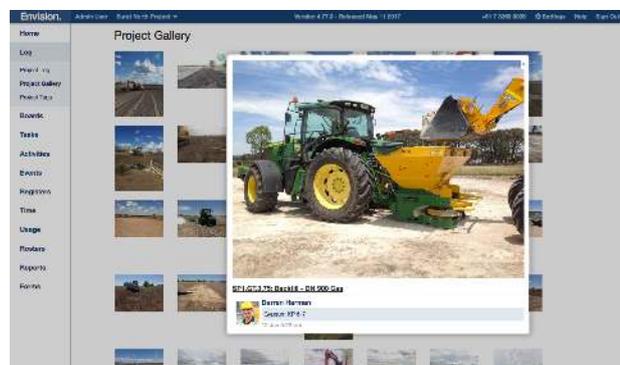
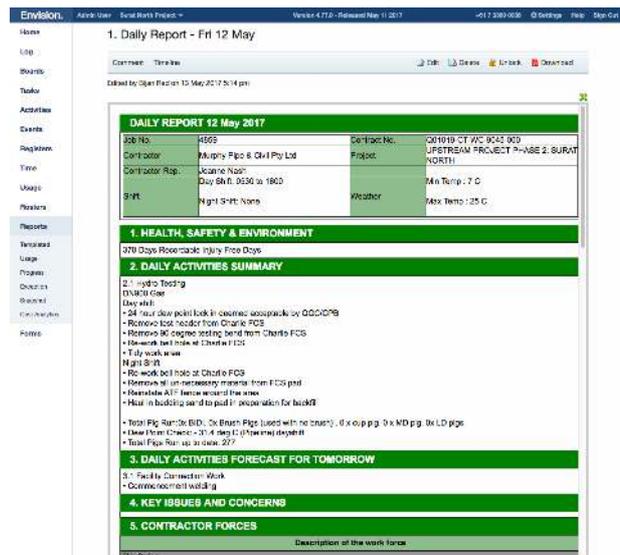
Continuous product improvement

The MPC Group team provided regular user feedback and recommended functionality improvements as the project progressed. This supported the continual improvement of Envision. The culture and value of collaboration within Envision’s development team saw them actively build on MPC Group’s input to make Envision a better system for users.

Implementation

As this was MPC Group’s second project using Envision, a condensed implementation phase was possible. The team was already up-to-speed on how to best set up Envision to meet the project’s specific needs. While there is always a behavioural role in helping people adjust their personal preferences to new systems, this was proactively managed by MPC Group to maximise take-up.

MPC Group implementation was supported by Envision engineers for on site training and off site configuration. This provided flexibility as well as the right level of implementation expertise at all times.



“You can literally download a report for a crew’s shift within a few seconds. A lot of our day-to-day handling of that used to be done on paper. If you wanted to find that same information, you’d have to look through physical records, which could take hours. As a near daily user, Envision speeds up a lot of my day in managing our contract efficiently.”

-Brendan McGuckin, Commercial Manager, MPC Group