CASE STUDY

Energy company simplifies well handover with Octave OnSite Completions



Key facts:

Industry: Energy

Country: Australia

Octave products used:
OnSite Completions
(Intergraph Smart Completions)

The challenge

The field delivery and well commissioning and stabilization (WCS) team sought an improved well handover and completion process for a liquefied natural gas (LNG) company on an upstream project. The team was challenged to combine innovation and collaboration to develop a best practice approach to simplify their current process.

The team knew that they needed to implement a new methodology of creating handover packages married with the latest in completions software technology.

The solution

Working with the field delivery document control and the completions and commissioning management system (CCMS) teams, the WCS team created an automated system to compile a more streamlined version of commissioning dossiers using OnSite Completions CCMS. As part of the process, the WCS team now compiles a dossier containing a suite of documents of all the relevant inspection test records, installation check lists, completions certificates and procedures used throughout the commissioning process. An average well site commissioning dossier may contain more than 180 pages and take up to 5 hours to put together.

Key benefits:

- Streamline processes
- Improve quality to reduce rework
- Generate reports quickly
- Online documentation for easy accessibility



The results

The result was a more simplified set of processes that included:

1. Delivering a consistent suite of documentation for well delivery.
2. Implementing electronic documentation that allow users to complete activity and automatically upload documentation
3. Developing “Real Time” monitoring processes that provide a more accurate picture of Mechanical Completion.

The new process will be used to compile and deliver all 977 well commissioning dossiers for the Australian LNG upstream phase 1 project in less than 2 percent of the time it was taking to manually generate the dossiers. Both the field delivery and WCS teams will continue to work together closely to expand this process further to all vendor documentation and eventually create a ‘one source’ document reference point for the operations teams.

About Octave

Octave is a leader in enterprise software, turning data into decisive action and intelligence into your edge. Our software solves for and simplifies complexity, from the design and build to operations and protection of people, property and assets – for any scope, at any scale. For decades, we’ve partnered with customers to sharpen performance, elevate efficiency and amplify results. From factory floors to entire cities, our solutions are tuned to scale up what’s possible from day one onward.

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