ENERGY COMPANY SIMPLIFIES WELL HANDOVER WITH INTERGRAPH SMART® COMPLETIONS

Key Facts

**Industry:** Energy

**Products Used:** Intergraph Smart® Completions

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

THE CHALLENGE

The field delivery and well commissioning and stabilization (WCS) team sought an improved well handover and completion process for a liquified 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 Intergraph Smart® 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.
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 HEXAGON

Hexagon is a global leader in digital solutions that create Autonomous Connected Ecosystems (ACE). Our industry-specific solutions create smart digital realities that improve productivity and quality across manufacturing, infrastructure, safety and mobility applications.

Hexagon’s PPM division empowers its clients to transform unstructured information into a smart digital asset to visualize, build and manage structures and facilities of all complexities, ensuring safe and efficient operation throughout the entire lifecycle.

Hexagon (Nasdaq Stockholm: HEXA B) has approximately 19,000 employees in 50 countries and net sales of approximately 3.5bn EUR. Learn more at hexagon.com and follow us @HexagonAB.