

# Business Transformation at Cheniere Energy, Inc.

Seizing new opportunities and supporting business transformation with IBM Maximo Asset Management

## About the Client:

Cheniere Energy, Inc. is the leading exporter of U.S. liquefied natural gas (LNG). Cheniere is currently operating and constructing its Sabine Pass LNG facility in Louisiana and is constructing a second liquefaction facility near Corpus Christi, Texas. When both projects are complete, Cheniere is expected to be a top-5 global supplier of LNG.

To date, approximately 300 cumulative LNG cargoes have been exported from the Sabine Pass LNG facility.

Cheniere is based in Houston, Texas, and has additional offices in London, Tokyo, Washington, Singapore, Santiago and Beijing.

## Business Challenge:

In 2016, Cheniere decided to transform their liquefied natural gas (LNG) processes at their Sabine Pass facility from importing and re-gasifying the product, to liquifying it and exporting it. This process was new to the industry and the organization, and required more complex strategy and operations to carry out successfully. The principal task for Cheniere was to achieve operational excellence and to continuously improve asset management in the areas of: asset reliability, execution effectiveness, and planning and scheduling, as well optimizing cost..

“Cohesive impressed us with their deep business and functional knowledge.

They had proven experience of implementing Maximo solutions for other Oil & Gas companies, and we were confident that they could help us deliver a successful project.”

**- Ahmad Mousseli**  
*Director, Operations Applications*  
**Cheniere**

## Solution:

Cohesive Solutions implemented IBM Maximo and Propel Performance Management, in a successful effort to bridge the gap between Cheniere's strategic initiatives and objectives, and the overall processes within operations. Through each stage of implementation, the Cohesive team aided Cheniere in the alignment of the business processes, identification and configuration of metrics and Key Performance Indicators (KPIs), and training.

## Results/Benefits:

After Cohesive's combined implementation of IBM Maximo Asset Management and Propel Performance Management, Cheniere saw three main results in their Sabine Pass for liquification:

### 1. *Boost In Efficiency*

Aligning the maintenance work with the demand of the assets, and bridging the gap between strategy and operations, allowed for smarter work to be done. This led to an increased efficiency for the organization.

### About Cohesive Solutions, Inc.

Cohesive Solutions, Inc., is a leading enterprise asset management consultant, certified Premier IBM Business Partner and systems integrator. Cohesive Solutions provides business transformation and consulting services that enable organizations to achieve higher asset ROI. Cohesive Solutions also delivers a unique EPM solution, Propel, that unlocks hidden potential while aligning business performance goals. Since 1998 Cohesive Solutions has provided world class services to North American organizations.

### 2. *Maximize Uptime*

The new insights and visualization into asset health and asset performance led to an increased asset uptime, as well as an improvement in safety and compliance.

### 3. *Reduce Cost*

These insights also provide Cheniere with more accurate information and visibility into every aspect of the business, allowing them to reduce cost by implementing smarter maintenance and inventory management strategies.

## Solutions Used:

- IBM Maximo
- Maximo Consulting Services
- IBM Maximo Maintenance and Support
- Propel Performance Management
- IBM Maximo training



Learn more about our work with Oil & Gas Organizations

