

CUSTOMER CASE STUDY

Integrated AVEVA Marine applications saved many design hours for GHENOVA Ingenieria, and allowed for efficient and accurate model delivery.

GHENOVA Ingenieria - www ghenova.com
Industry - Marine

Goals

- To have engineering and design data created, developed, managed and exploited in a productive way.
- To achieve greater efficiency.

Challenges

- Engineers and designers across all key disciplines and on multiple sites were not able to work concurrently on a single model database.

AVEVA Solution

- Hull Design
- Cable Design
- Outfitting
- Global

Results

- The design phase has become far shorter.
- Accurate models are delivered to the end-customer every time.

GHENOVA Ingenieria Combats a Difficult Market by Using Technology Solutions From AVEVA

Seville, Spain – GHENOVA is an international multidisciplinary engineering and consulting company based in Seville and Ferrol. Its team undertakes large projects with extreme technological complexity for some of the world's largest firms in the naval, offshore, energy, aeronautical, infrastructure and defence sectors.

The company also has offices in Germany, Brazil, Chile, Ecuador, Norway and the Netherlands.

A changing shipping market

The depressed shipping market following the slump in 2008 impacted GHENOVA's customer base in Europe and especially in the naval sector. To mitigate the shipping industry's contraction, GHENOVA needed to realise opportunities in the high-growth markets of Latin America.

Success came swiftly when GHENOVA Brazil signed a seven-million-Euro contract with the STX Promar shipyard (now VARD, part of the Fincantieri group) to carry out the engineering of eight LPG tankers for Petrobras.

The success of this project led to GHENOVA being credited with the Certificado de Registro e Classificação Cadastral (CRCC) certificate, awarded by Petrobras to companies that meet all their requirements to become an approved services provider.

The CRCC specifically certifies GHENOVA's ability to carry out comprehensive shipbuilding and tanker-ship projects and is critical to the company's future contract success in the region.

With so much riding on the outcome, GHENOVA decided it needed a 3D engineering and design tool that could support multi-site design and construction to deliver the project on time and to specification.



Adjusting and blazing forward

AVEVA Marine was chosen specifically for this project because it best matched Transpetro's needs and was consequently mandated by VARD Brazil. The Brazilian team are using AVEVA Hull, AVEVA Outfitting, and AVEVA Cable Design applications and collaborating with their colleagues at the Spanish headquarters with the help of AVEVA Global.

“AVEVA Marine met all the requirements that the client set out, making it the ideal choice for our important LPG tanker project. The integrated AVEVA Marine applications will help us to save many hours during the design phase, allowing an efficient and accurate model to be delivered to our customer.”

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Francisco José Cuervas,
General Director, GHENOVA

Using AVEVA Marine, GHENOVA adopting an Integrated Engineering & Design approach that enabled collaborative working and resulted in a more flexible and effective 3D design. GHENOVA is currently involved in several multi-disciplinary projects using AVEVA Marine and is making strong headway into the Latin American market, while maintaining its European partnerships.

“We will continue to use AVEVA Marine as part of an overall service offering as we continue to seek out opportunities in both our European client base and our expanding new client base in Latin America. The results that we have achieved with AVEVA Marine speak for themselves and we look forward to completing similar noteworthy projects.”

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Julián Fontela,
Manager of Business Development, GHENOVA

