

CLOUD BASED TRANSFORMATION FOR A FUTURE-PROOF IT AT MAN ENERGY SOLUTIONS

MAN Energy Solutions developed the foundation for a future-proof IT, leveraging cloud and smart sourcing together with Capgemini Invent

The engine room of a leading provider of industrial energy solutions

MAN Energy Solutions is a leading solution provider for the marine, energy and industrial sector. Ships, power and industrial plants all over the world are equipped with MAN technology. The company's products and services include complete marine propulsion systems, turbomachinery sets for industrial applications as well as entire power plants. Addressing the global challenges of decarbonisation and digitization MAN Energy Solutions specializes in hybrid, storage and digital service technologies as well as hydrogen and Power-to-X solutions. With this portfolio the company is passionate to enable its customers to achieve sustainable value creation in the transition towards a carbon neutral future. The company employs around 14,000 people at more than 120 international locations, including Germany, Denmark, France, Switzerland, the Czech Republic, India, and China. MAN Energy Solutions is part of the Volkswagen AG since 2011.

After the recent introduction of a new IT organization, MAN Energy Solutions IT intended to take the next step and explore the maximum benefits of cloudification. The manufacturer wanted to further streamline its operations while maintaining advanced IT systems that could fulfill complex business demands. In addition, cost optimization was a further priority when evaluating the MAN's IT landscape. MAN Energy Solutions IT landscape and IT operating model showed a high number of data centers and server rooms as well as possible improvements for the operational structure. Also enhancements of the overarching approach for consistent IT sourcing were presumed. With these goals in mind, Capgemini Invent agreed to support MAN Energy Solutions in preparation for its cloud transformation journey.

Creating an integrated IT landscape

In order to achieve a more flexible, unified IT operating model, Capgemini Invent proposed a cloud-based, smart sourcing solution focused on operational excellence and the integration of partners. Together with MAN Energy Solutions IT experts Capgemini Invent developed a target picture for cloud architecture, development capabilities, partner and supplier integration, and service management integration.

Customer: MAN Energy Solutions

Industry: Manufacturing

Location: Germany

Client Challenge:

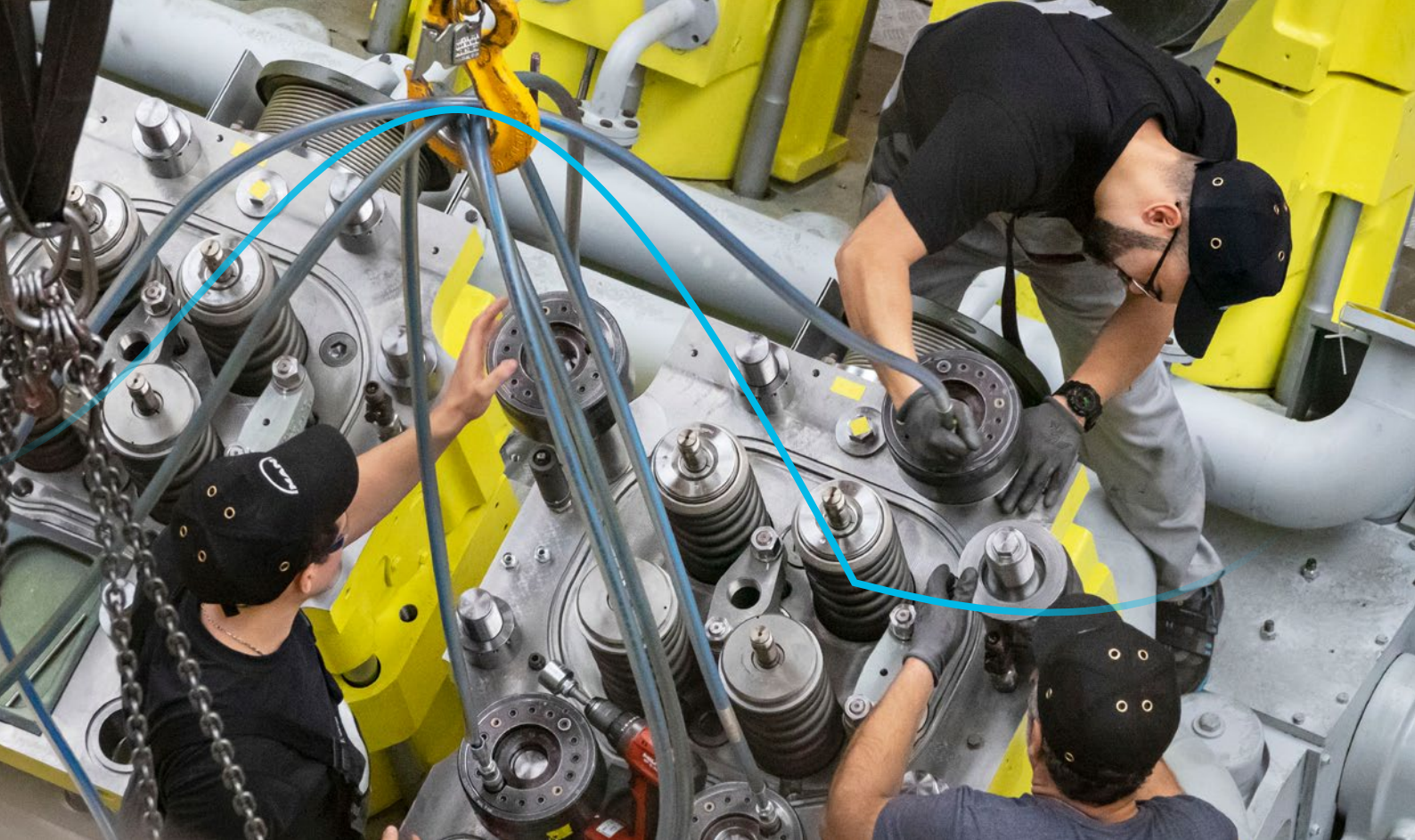
MAN Energy Solutions wanted to optimize its IT operating model to meet cost reduction targets, improve operational excellence and ensure delivery capabilities

Solution:

In partnership with Capgemini Invent, MAN Energy Solutions redefined its IT sourcing strategy and IT architecture by reimagining its existing IT operating model to support a strategic shift towards cloud

Benefits:

- Improved flexibility, cost efficiency and business continuity
- Optimized and effective sourcing
- More reliable baseline for budget discussions
- Enhanced resource allocation and internal career opportunities



Using a proven cost optimization framework, Capgemini Invent reviewed all IT services for outsourcing potential. Based on a data driven analysis target pictures for IT landscape and sourcing as well as IT operating models were aligned. The measures for the implementation were aligned and placed on a transformation roadmap. Potential cost savings and required investments were also calculated for the planned transformation.

Led by the CIO, the IT executives presented a convincing strategy to the MAN Energy Solutions executive board for an effective IT transformation. The project team demonstrated how to optimize costs through investment in cloud transformation and smart sourcing. The discussion also focused on the key role IT will play during the manufacturer's overall digital transformation and what kind of IT investment is required to enable the business in a cost-effective way. The suggested end-to-end approach was made possible by close collaboration between the MAN IT team and Capgemini Invent on all aspects of transformation planning.

A roadmap for cloud transformation

The proposed cloud-based IT landscape and cloud- and sourcing-enabled operating model convinced the MAN Energy Solutions executive board to embark on a transformation journey. Detailed cost and savings estimations have enabled the board to make an informed decision about the financial impact. Meanwhile, the clear overview of IT roles required for the transformation has improved internal resource allocation and opened new opportunities for career development. Smart sourcing of certain areas will allow the IT team to focus on more valuable activities, increasing employee satisfaction as a result. The collaboration with Capgemini Invent has laid the groundwork at MAN Energy Solutions for a cloud-enabled IT operating model that can leverage available resources to achieve maximum efficiency.



The MAN Energy Solutions IT needs to transform to a future proof next-generation IT to enable the digital transformation of our company. The Capgemini Invent team provided deep cloud and IT operating model expertise and close alignment with the MAN IT experts, which are needed for such a complex endeavor."



The extensive experience and outstanding commitment of Capgemini Invent as well as the great collaboration with the MAN IT team were key to developing aligned results. Together we were able to present excellent outcomes and a convincing proposal for our global cloud and IT operating model transformation."

IRENEUS TOMCZYK
CIO, MAN Energy Solutions

About Capgemini Invent

As the digital innovation, design and transformation brand of the Capgemini Group, Capgemini Invent enables CxOs to envision and shape the future of their businesses. Located in more than 36 offices and 37 creative studios around the world, it comprises a 10,000+ strong team of strategists, data scientists, product and experience designers, brand experts and technologists who develop new digital services, products, experiences and business models for sustainable growth.

Capgemini Invent is an integral part of Capgemini, a global leader in partnering with companies to transform and manage their business by harnessing the power of technology. The Group is guided everyday by its purpose of unleashing human energy through technology for an inclusive and sustainable future. It is a responsible and diverse organization of 290,000 team members in nearly 50 countries. With its strong 50-year heritage and deep industry expertise, Capgemini is trusted by its clients to address the entire breadth of their business needs, from strategy and design to operations, fueled by the fast evolving and innovative world of cloud, data, AI, connectivity, software, digital engineering, and platforms. The Group reported in 2020 global revenues of €16 billion.

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