



Experience the commitment®

HSE - Safety doesn't happen by accident

Oil and gas



Health Safety and Environment (HSE)



Working in the oil and gas industry rarely involves sitting behind a desk all day. The nature of the product and the hostile locations in which it is found means that oil companies must place the highest emphasis and priority on health and safety. In spite of this, there have been some high profile incidents in the oil and gas industry.

Vantage People-on-Board (offshore crew and helicopter planning)



Vantage People-on-Board (PoB) is the leading personnel tracking system for the oil and gas industry. The system enables operators and contractors to efficiently monitor and control the movements of personnel to and from offshore facilities. Passengers who leave to a offshore platform have to be registered in the Vantage PoB-system ('person on board').

Oil and gas companies use this secure registration system to record and check relevant security information (training, medical certification, travel history etc.) of their offshore staff. If the Vantage PoB system does not contain certain necessary

passenger information - such as correct medical certification or the fact they have not yet completed their 'survival at sea' course - then the passenger is not allowed to check in. All passengers are made aware of these constraints well before they undertake a helicopter journey.

Vantage PoB is the market leader on the North Sea for helicopter logistics. It has been installed in Nigeria, Alaska, the Middle East and Australia. Vantage PoB is hosted by Collabro, an association owned by more than ten operators, under a software reseller agreement with CGI.

Environmental solutions



ProSteward

Global chemical compliance is more challenging than ever. Organizations have to face new and complex challenges in chemical regulatory compliance every day. ProSteward is an approach to the long-standing business challenge for both producers and users of hazardous materials, and helps organizations meet the challenge of global regulatory compliance. Designed for wide-scale deployment to support global operations and markets, ProSteward supports our clients' operations in more than 200 countries, and over 40 languages. ProSteward Online serves as the US Department of Defense's Hazardous Materials Information Resource System.

The software offers the most sophisticated approach to global chemical data management and product safety available in the market today.

REACHMate - REACH Management Technology for Exposure to Chemicals

The REACH regulation requires companies to manage more information than ever about the chemicals the business produces and how to use them safely. Recognizing the need for resources to meet REACH regulations and associated documentation, CGI collaborated with industry leaders to develop the **REACHMate** software tools.

REACHMate provides a single resource that enables organizations to bring together quality data from multiple sources. Our software streamlines tracking and reporting and exposure scenario/risk management measures about products to earn and maintain REACH compliance. This comprehensive, flexible and intuitive software can be integrated with existing SDS Authoring Solution.

REACHMate includes the following components:

1. EHS Integration Node is at the operational center of **REACHMate**, and supports the exchange of data to and from each integrated system. A web-based front end provides administrative capabilities to monitor interfaces and assist with building additional interfaces such as IUCLID5.
2. Supply Chain Management manages and communicates REACH registration data across the supply chain.
3. Use Management manages how documentation of the usage of regulated chemicals and their exposure scenarios to ensure safe usage.



Environmental solutions: EHS Integration Node

As government agencies around the world redefine industry obligations regarding environmental health and safety (EHS), it is important to ensure the consistency and quality of EHS data.

CGI's EHS Integration Node was built specifically to address system integration and data management challenges within the environmental health and safety domain. This includes:

- REACH regulation: using data through IUCLID
- CLP regulation
- US EMTS through the EPA's Central Data Exchange (CDX)
- US Toxic Substance Control Acts (TSCA eUR 2011)

With the EHS Integration Node, CGI quickly designs and implements custom EHS data integration solutions focused on improving the consistency and quality of EHS data. This enables organizations to provide a timely and accurate response to data requests from their customers, and reduces the costs of data collection and compliance.

CROMERR

In the US, state environmental protection agencies, tribes and local governments are looking for solutions to achieve compliance with the US Environmental Protection Agency's (EPA) Cross-Media Electronic Reporting Regulation (CROMERR).

Because of our working relationships in the industry, it became clear that our clients were experiencing shared challenges when it came to obtaining compliance with CROMERR. In response to the shared challenges of our clients, CGI established the CROMERR Working Group - a consortium of public and private IT leaders committed to taking a collaborative approach towards achieving CROMERR compliance through cost-effective IT solutions.

Today CGI offers a CROMERR compliant electronic reporting solution developed through hard-earned, hands-on experience.

Implementation of third party HSE systems

CGI is also a leading system integrator of HSE software. Our services help companies capture, report and monitor activities to drive down risk consistently across all levels of the enterprise. Doing this enables them to satisfy compliance requirements, maintain a sustainable work environment and ensure their license to operate. Today, CGI:

- experiences the emergency response environment, through implementations of Enera's RapidReach
- is involved in the safety and environmental management system FOUNTAIN
- supports PetroTechnics Sentinel PRO®, an Integrated Safe System of Work (ISSOW) solution
- provides support and application maintenance for COSHH, a system for Control of Substances Hazardous to Health
- implements SAP-EHS, the sustainability suite of SAP-Products: hazardous tracking, managing of banned substance lists and other kinds of product compliance (REACH/CFP).





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With over 69,000 professionals in 40 countries, CGI fosters local accountability for client success while bringing global delivery capabilities to clients' front doors. Founded in 1976, CGI applies a disciplined delivery approach that has achieved an industry-leading track record of on-time, on-budget projects. Our high-quality business consulting, systems integration and outsourcing services help clients leverage current investments while adopting new technology and business strategies that achieve top and bottom line results. As a demonstration of our commitment, our average client satisfaction score for the past 10 years has measured consistently higher than 9 out of 10.

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