

DGA Consulting produced an OT Strategy and Future Roadmap for a major gas pipeline network operator.

The gas pipeline network company had been operating for over a decade without a review of its OT roadmap and needed guidance on the direction of their OT environment to support their future business needs. This included support for their diversification into renewable energy and the possibility of consolidating increasing remote operations into a central control room.

To overcome these challenges the business was keen to develop a roadmap of OT options and recommendations to develop a long-term outlook. The assessment needed to focus on five main areas:

- Assess options for the current OT lifecycle roadmap
- Identify business opportunities in adopting new OT technology
- Present Industry Best Practice
- Provide an assessment of organisational capabilities
- Provide resource options for supporting a future operating model

Overview of the Project Approach

DGA Consulting’s project approach involved four distinct phases each of which had collaboration through a series of workshops with the client across several business lines alongside update sessions with the executive sponsors of the project.

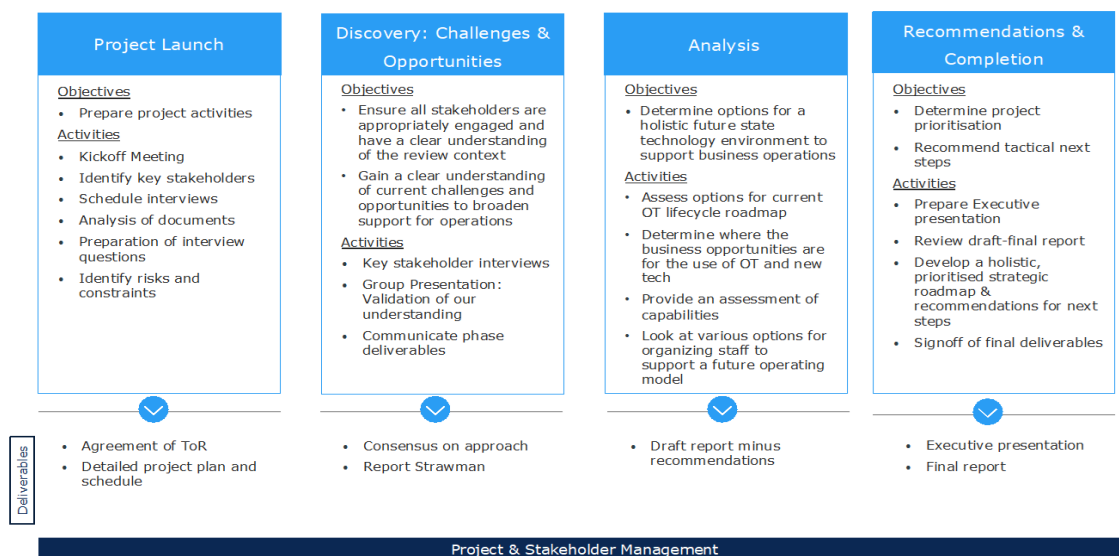


Figure 1 – DGA Project Approach

Phase 1 – Project Launch

Discovery focused on soliciting information from the engineering systems team and a review of existing policies and procedures on strategic planning. This information provided a basis for key stakeholder interviews.

Phase 2 – Project Discovery

The discovery phase commenced with stakeholder interviews to further understand the current challenges and limitations of the OT system platform. The interviews covered a broad range of topics across OT, IT, asset management and operations control room. At the conclusion of the interview process, the information was collated and distilled into a summary presentation where it was presented back to the stakeholders for comment and normalisation.

Phase 3 – Project Analysis

This phase of the review identified specific business goals and objectives and discretely grouped and mapped these to obtain a holistic view of what would be required to realise these targets. Interviews with similar larger global companies were also conducted to obtain global insights as additional inputs into the analysis.

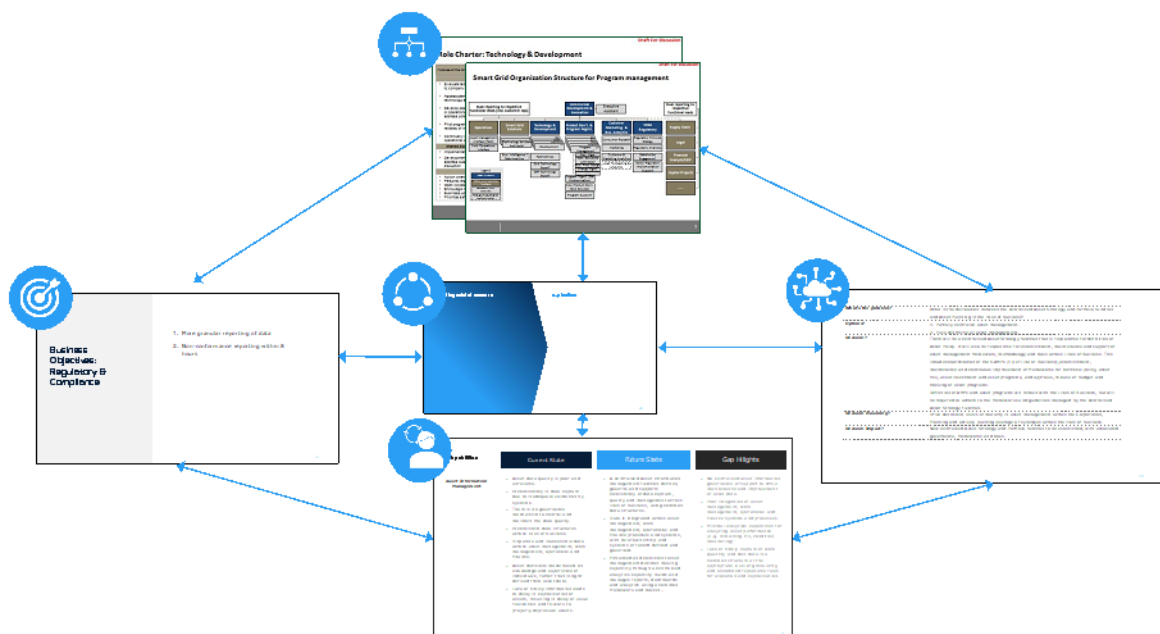


Figure 2 – DGA Project Analysis

Phase 4 – Recommendations and Completion

The final phase of the assignment was to produce recommendations, inclusive of a Roadmap which displays a logically sequenced holistic list of projects and initiatives which will support operations and a position to realise its future operationally focused business outcomes.



Figure 3 – DGA Recommendations

Benefits

The main benefits of the DGA Consulting Approach:

- Alignment of the business requirements to enabling OT technology
- Clear understanding of the current and future OT platform options
- Engagement with executive and engineering systems resulted in a clear understanding of unique requirements for future OT capability
- Roadmap established with short and long-term actions to deliver stated objectives