

VANTAZ PRODUCTIVITY PROCESS IMPROVEMENT EXPERIENCE

VANTAZ DEFINITION SOLUTION | Design of Desalinated Water Operational Management Model in BOOT contract

Asset: Spence

Business Opportunity:

BHP needed to develop an operation model to manage the desalinated water supply service (BOOT).

The model had to enable the achievement of all the objectives and operational benefits of the service, minimizing the risks without affecting the operational continuity of a copper concentration plant.

Solution:

Vantaz managed from beginning to end the project to design and create a plan for the implementation of the technologies, processes and organizational changes. The main focus points were:

- Design an operation management model based on management components ad-hoc with the mining business
- Incorporate definitions of the BOOT contract and gather opinions from stakeholders to ensure the supply
- Develop mechanisms which could take charge of the definitions' vulnerabilities from the BOOT contract
- Create an implementation and change management plan for the model

Main Achievements:

1. Standardization of a management model of continental and desalinated waters to ensure the supply and cost to the business (Waters and Energy)
2. Definition of the management model's Governance by specialties and scope of action
3. Definition of operational functional requirements for the supply's operational control and contractor's performance
4. Construction and application of a change management strategy to integrate multi-area teams (utilities, operational, planning and control of processes)

