

HAUSFELD CONSULTING

ABN 52 518 506 476

Satellite Communications Engineering

Hausfeld Consulting specialises in providing detailed technical advice, design and consultancy services in the area of satellite communications systems.



Capabilities:

- Technical advice and training on satellite communications.
- Turning Customer requirements into detailed technical specifications.
- Independent technical evaluation of proposals for satellite facilities.
- Project management of telecommunications and satellite projects.
- Assistance with the satellite component of proposals and bids.
- Design of satellite communications networks and facilities.
- Independent Audit of existing satellite facilities and networks.
- Satellite earth station frequency coordination & licensing support.

These capabilities are based on 25 years of experience in the international satellite communications industry.

Experience:

- Engineering management of diverse international teams, based on skills acquired in engineering and management positions within OTC, Telstra and Reach.
- Project management of major telecommunications projects, based on proven experience on satellite projects in Australia, Hong Kong, Vietnam and the Pacific Islands.
- Particular expertise and specialist technical knowledge in all areas of satellite communications, including VSAT systems, video broadcast, internet over satellite, and broadband access systems.
- Frequency coordination and spectrum licensing of satellite communications systems in Australia.
- Drafting of detailed technical specifications, writing or editing of handbooks, evaluation of technical proposals, and design of satellite earth station systems within budget to achieve business objectives.
- Software development skills, including development of control systems and engineering design tools.
- Knowledge and understanding of the key business drivers for development of new products and services in a competitive telecommunication industry.
- Proven negotiation skills at an international level, in order to achieve a desirable outcome for clients and their customers. Based on 8 years as the Australian delegate on the INTELSAT Board of Governors Technical Advisory committee in Washington DC, including 3 years as committee Chairman and Vice-chairman.

Previous consultancy work includes design, evaluation and feasibility studies on satellite networks for businesses in India, China, Australia, Vietnam, Tonga, Vanuatu, Solomon Islands and Papua New Guinea; and planning of satellite networks for UN related authorities in Cambodia and East Timor.



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