



CiS International

Communications

...for the Oil & Gas Industry

CiS offers a range of specialised communications services to meet the specific needs of the oil and gas industry.

CiS offers an integrated systems approach in meeting industry's demanding communications needs.

The company has telecommunications' carrier background and is vendor independent. It is able to offer integrated best practice solutions within the strict regulatory environment of the oil and gas industry.



Integrated Services

CiS provides an end to end integrated approach to communications covering:

- Individual sub-system design
- Product evaluation and selection
- Vendor contract negotiations and management
- Installation, commissioning and handover management
- Systems integration
- Warranty and after sales service
- Project management services
- Standards and Quality Compliance and Audits

Range of Technologies

A suite of services and solutions for the oil and gas industry must cater for the requirements of both onshore and offshore facilities to meet the diverse design, performance and safety requirements typically required in oil and gas projects.

The range of technologies CiS include:

- PABX and Circuit Switched Voice
- Voice over IP (VOIP)
- LAN and Data Networks
- Optical Fibre Networks
- CCTV
- Public Address Systems
- Trunk and UHF Radio Systems
- Point to Point Microwave Radio
- Marine and Aeronautical Radio
- Marine Radio
- Meteorological Systems
- Site Security and Access Control
- High Stability Site Timing & Clocking
- Specialised Fire and Safety Services

Standards

Telecommunications in the oil and gas industry is regulated by a complex mix of standards including: national; international; vendors and corporate proprietary standards. Typical installations may specify the use of standards including:

- Mandated state and national government standards for fire and safety
- European Committee for Electrotechnical (CENELEC)
- International Electrotechnical Commission (IEC)
- International Telecommunications Union - Radio (ITU-R)
- International Telecommunications Union - Telecommunications (ITU-T)
- European Telecommunications Standards Institute (ETSI)

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“Specialist industry networks require dedicated personnel with a comprehensive understanding of client needs and industry requirements.”

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Consultancy Services

Business and Planning

CiS's business expertise stems from its experience in providing advisory services ranging from corporate governance, planning, analysis, feasibility studies and evaluations.

Technology

Core network planning, engineering, quality and systems integration provide a foundation to project management. The company has a proven ability to deliver integrated, multi-technology solutions.

Implementation Services

CiS will deliver packaged program and project solutions based on its technical and professional capabilities.

Associated services include Test and Acceptance, Post Implementation Reviews and Quality Compliance and Audits.

Maintenance & Technical Support

Managed Maintenance and Support uses an ASP model with leading systems, processes and people.

Network & Operations

Services include Network Monitoring and Performance and Alarm Management.

Fit for Purpose

CiS is a niche provider of services with an ability to deliver appropriate skills, experience, systems and methodologies to address contract and project requirements:

- **Engagement / Service Ethic** – a solutions approach based on a deep understanding of selected clients;
- **Experience and Pedigree** - people predominantly drawn from carriers with extensive knowledge of technology, vendors and live carrier networks;
- **Excellence** – a philosophy requiring excellence at all times;
- **Partners and Associates** —a network that is second to none with the very best hand picked people;
- **Flexible and Cost Effective** – a flexible and low cost partner and associates' engagement model;
- **Range of Services / Technology** - delivering a wide range of services and communications technologies;

Maintenance

Managed Maintenance delivers:

- Emergency / Planned Maintenance,
- Field Workforce Management,
- Warranty, Spares and Logistics , and
- Service Centre and Help Desk.

Maintenance is a critical component of the concept of Life Cycle Management of networks and industry demands that communications equipment be managed from “cradle to grave” with productivity and costs measured over the life of the asset.



The CiS solution is based on improving the efficiency and effectiveness of in-house resources, through improvements in:

- Contracts
- Asset
- Workforce

Technical Support

As with Maintenance, CiS processes and systems are effective in managing technical support, spares tools and test equipment across a wide range of technologies.

- **Integrated Approach** – a wholistic and integrated approach using the very best systems and tools, efficient processes and a proven methodology;
- **Presence** - a central location in Singapore for delivering services throughout Asia Pacific. A pool of Australian talent. Subsidiaries and Project Offices in many countries with personnel who have successfully delivered networks in virtually every country in Asia.

