

TELECONSULT



**Telecommunications Consultancy, Technical Assistance,
Training and Project Management Services**

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PROFILE

TELECONSULT is a wholly owned Group of Companies, which provides specialist Telecommunications Consultancy, Technical Assistance, Training and Project Management services, covering a geographical area encompassing the Middle East, parts of South East Asia, Australia, New Zealand and the Pacific Rim countries.

The Group is owned and managed by a British telecommunications professional who has over 37 years of experience in the international telecommunications arena, working for telecommunications administrations and regulatory bodies, operators, telecommunications multinational equipment suppliers and contractors.

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PROFILE

The Group of companies can therefore draw on a wealth of experience and knowledge and is well able to undertake works entrusted to the Company.

The Group comprises four Companies strategically located in:

- SAR Hong Kong, PRC
- Republic of Singapore
- Federated States of Malaysia
- The Independent Sultanate of Negara Brunei Darussalam

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PROFILE

By keeping abreast of the changes which are rapidly affecting the Telecommunications industry, technology advances and international standards, the Group is well placed to offer quality advanced services and technical assistance to our Clients, whatever their relative size, and more importantly at highly competitive rates.

The Group is currently undertaking the consultancy, technical assistance and training assignments to several operators and multi-national companies in South East Asia.

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SERVICES

Teleconsult offers specialised services in:

- Consultancy and technical assistance
- Training services
- Planning and design services
- Network management and monitoring systems
- Project management and supply of manpower
- Products and services
- Software development

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CONSULTANCY AND TECHNICAL ASSISTANCE



Some of the services offered are:

- Inspection and testing services
- Acceptance testing services
- Works supervision services
- Maintenance services

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CONSULTANCY AND TECHNICAL ASSISTANCE

- Overview and demand forecast reporting
- Technical support and system engineering
- Technical assistance agreements to telecommunications administrations, operators and contractors
- Preparation of demographic and related studies to determine long term forecasts for telecommunications demand
- Overview and demand forecast reporting to identify growth trends and determination of proposed switching centre/node location in a country
- Study of socio-economic aspects of telecommunications development in isolated and/or under privileged areas of countries

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CONSULTANCY AND TECHNICAL ASSISTANCE

- Establishment of budget models for telecommunications administrations
- Study and recommendations on optimum allocation and use of scarce resources in order to meet telecommunications needs in urban or rural areas of country
- Determination of the economic impact of new services on telecommunications administrations
- Study of Management Information Systems (MIS) for telecommunications administrations and appropriate application of the Information Technology (IT)
- Study of rural telecommunications requirements

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CONSULTANCY AND TECHNICAL ASSISTANCE

- Study and technical assistance in preparation of specifications for materials and work practices used in fixed networks, radio towers, telecommunications buildings and power plants
- Project planning and preparation of tender documents for projects including technical specifications invitation documents, general conditions and bills of quantity
- Tender evaluation assistance, including contract negotiations with suppliers and preparation of contract documents
- Assistance in the preparation of capital and development plan for a telecommunications administration or operator
- Budgetary advice and assistance on proposed capital development projects

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CONSULTANCY AND TECHNICAL ASSISTANCE

- Advice on organisational restructuring
- Advice on increasing profitability, productivity and service effectiveness within a telecommunications administration or company
- Planning and design of networks including fibre optics, fixed copper, fixed network, cellular mobile and microwave radio systems and HFC networks
- Planning, design, installation and maintenance of defence telecommunications networks
- Feasibility studies for telecommunications projects
- Master planning of telecommunications networks
- Detailed design of telecommunications networks and systems

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TRAINING SERVICES

We provide instructor led craft skills training in the following disciplines of telecommunications engineering:



- Hybrid Fibre Coax (HFC) networks
- Fibre optics networks
- CATV networks
- Civil works

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TRAINING SERVICES

- Planning and design of telecommunications networks and systems
- Fixed copper networks
- Mobile networks
- Radio tower and support structure design and erection
- Occupational health and safety training
- Project management
- Wireless Local Loop (WLL) networks
- Next Generation Network (NGN)

**We currently have 130 training courses
available on various subjects**

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TRAINING SERVICES

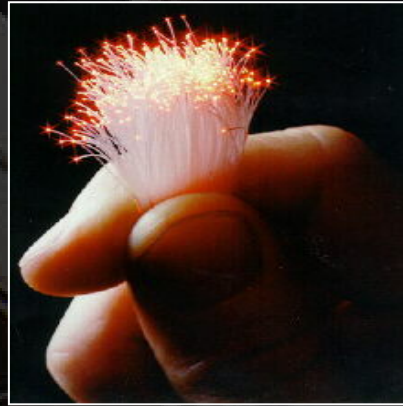
Course design and other training services:

- Training Needs Analysis (TNA) studies to evaluate training needs and gaps
- Design of training courses to suit training needs
- Supply of experienced training personnel
- Assistance in training of telecommunications administration training staff i.e., “Train the Trainer”
- Design of training centres and colleges
- Seminars, presentations and technical assistance in the implementation of new products and works methods
- Preparation of training materials, documentation and manuals

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PLANNING AND DESIGN SERVICES



- System design and engineering of Local Area Network (LAN), private dedicated networks utilising fibre optic technology
- System design and engineering of transmission systems for fibre (MAN and WAN) optic networks
- System design and engineering of CATV and Hybrid Fibre Coaxial (HFC) cable systems
- Splicing, testing and commissioning of fibre optic and HFC networks

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NETWORK MANAGEMENT AND MONITORING SYSTEMS



- Network Management Systems (NMS)
- Monitoring systems for outside plant pressurised and fully filled fixed cable networks
- Cabinet locking systems
- Gas monitoring and sentinel systems

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NETWORK MANAGEMENT AND MONITORING SYSTEMS

- SCADA and telemetry systems for water, electricity, oil and gas pipeline applications
- Lighthouse control and buoy monitoring systems
- Vehicle tracking systems
- Remote services monitoring systems
- CCTV and fence intrusion systems
- Local Area Network (LAN) for industrial complexes including SCADA for process control applications and PABX requirements
- Security systems
- 'Smart House' systems

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PROJECT MANAGEMENT AND SUPPLY OF MANPOWER



- Technical assistance agreements to supervise and manage telecommunications projects for telecommunications administrations or contractors, on full or semi-turnkey basis
- Supply and attachment of skilled manpower and project management services during project implementation

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PROJECT MANAGEMENT AND SUPPLY OF MANPOWER

- Attachment of consultants or advisors to undertake studies of projects for telecommunications administrations, operators and contractors
- Factory inspection and witness of factory tests
- Installation inspection and acceptance tests
- Guarantee and operation inspection tests
- Radio tower erection and digging services
- Advance detection services
- Planning and design services

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PRODUCTS AND SERVICES



- Sourcing and supply of telecommunications materials and products
- Sourcing and supply of telecommunications services
- Sourcing and supply of telecommunications systems
- Sourcing and supply of telecommunications equipment

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SOFTWARE DEVELOPMENT



- The design, specification, development, installation and commissioning of specialised telecommunications software
- Identification of telecommunications administration Information Technology (IT) requirements
- Integration of Information Technology (IT) systems within a telecommunications administration

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PROJECTS

TELECONSULT has successfully completed projects in the following fields:

- Telecommunications training on HFC, fibre and copper fixed networks planning and design, safety and all telecommunications subjects with over 9000 persons trained to date
- Planning and design of fibre optic trunks
- Installation of DC rectifier and battery power plants
- Maintenance of radio towers up to 400 feet
- Acceptance testing of radio towers
- Shifting of radio links

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PROJECTS

- Radio path propagation surveys
- Erection of radio towers
- Master planning and feasibility studies
- SCADA and telemetry systems
- Solar panel installations
- Fixed network cable installations
- Site development and building construction
- Total flooding fire suppression systems

and many more.....

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CLIENT LIST

TELECONSULT counts amongst its achievements to date, projects undertaken for the following Clients:

- StarHub, Singapore
- MINDEF, Singapore
- US West/Media One International, USA
- Binariang Berhad, Malaysia
- Jabatan Telekom Brunei (JTB), Brunei Darussalam
- LG Technics, Korea
- Sapura, Malaysia
- Brunei Shell Petroleum, Brunei Darussalam
- BLNG, Brunei Darussalam

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CLIENT LIST

- Ministry of Manpower (MOM), Singapore
- DST Communications, Brunei Darussalam
- JTCI (Ascendas), Singapore
- BRM, Singapore
- TCB Ibrahim, Brunei Darussalam
- TBV, UK
- AC Egerton Plc., UK
- Meinhardt (S) Pte. Ltd., Singapore
- Klages, Carter and Veil, Hawaii
- Ericsson, Sweden
- Time Telecom, Malaysia
- Datac Control, Ireland

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CLIENT LIST

- L&M, Singapore
- Ministry of Defence, Brunei Darussalam
- Ministry of Housing (HDD), Brunei Darussalam
- Edaran Communications, Malaysia

and many more too numerous to list.....

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CONTACT US

We have companies located in the following countries:

- Malaysia - Teleconsult (M) Sdn. Bhd.
- Singapore - Teleconsult Pte. Ltd.
- SAR Hong Kong - Teleconsult International Pte. Ltd.
- British Virgin Islands - Teleconsult International Pte. Ltd.
- Brunei Darussalam - Teleconsult Sdn. Bhd.

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CONTACT US

Our one stop contact:

Teleconsult,
54B Nassim Hill, Singapore 258480

Tel: +65 6 836 3864, +65 9 850 3102

Fax: +65 6 836 3865

E-mail: tconsult@singnet.com.sg

Website: www.teleconsultinternational.com

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**Telecommunications Consultancy, Technical Assistance,
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at its best**

THANK YOU