



COMPANY PROFILE



SIGNAL COMPANY CONTACT ADRESSES

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BACKGROUND

Signal Telecom & IT Systems (STIS) is one of the leading System Integrators in Libya offering engineering and integration services of Telecommunication and Information Technology products to customers, especially, in Oil and Gas industry. The Company is currently involved in a wide variety of activities offering a comprehensive integrated service to address every type of client requirement and have the capability to deliver turnkey solutions. This includes: Telecommunication, Control, and IT Systems delivered to a large customer base of: Oil Companies, Public Authorities, Government and Private Organisations in Libya. **STIS** mission is to grow into the largest telecommunication integration services in Libya.

STIS expertise covers:

- Feasibility Study
- Initial Design
- Procurement
- Installation
- Commissioning
- Product Support
- Training
- Maintenance Management Packages.



When you choose **STIS** as your contractor here is our key points:

- Market leadership as system integrator in Libya.
- Continues Technical Support guaranteed through manufacturers who placed their thrust in **STIS**.
- Independent company who is committed to deliver the optimum solution with no ties to a specific manufacturer.
- Professional company dealing with high-class products and high skilled professional personnel.
- Service contracts can be offered with 24 hours on-call services.



MISSION

STIS is an independent company whose international partners recognise the fact that the company is fully committed to deliver total solution that can only suit and comply with customer requirements. Therefore, as a system integrator we, truly, put the customers' satisfaction the highest measure in choosing the product that we offer. **STIS** has the depth knowledge, capability, and fully commitment to deliver the optimum solution.

STIS always focuses and keep update knowledge on high growth in voice, data and multimedia networking markets providing a broad range of communication systems, integration services and skills. The company offers the services of a system integrator with comprehensive turnkey solutions including Network Design, Network Planning, Procurement, Installation Commissioning, System Support and Multi-disciplinary Program Management.



AREAS OF ACTIVITIES

Telephone Systems

Networking Capabilities and Cabling
PBX and accessories
Voice Over IP
Converged Products
Advances Automatic Call Distribution (ACD)
Voice Mail & Call Management
Telephones Sets



Fibre Optic

Single Mode/Multimode Cabling and termination
Structure Cabling
Fibre Transmission Equipment
Short Haul / Long Haul
SDH: STM-1, STM-4, STM-16
PDH: 1st, 2nd, 3rd ORDER



Data Systems

LAN/WAN
Technology Solutions (Wired/Wireless)
Frame Relay
ATM
Voice Over





Satellite

Inmarsat – Mobile & fixed

KU & C Band Stabilised/Fixed VSAT Networks

Television Distribution Systems



Radio Systems

Digital Microwave Links

Point-to-Multipoint Systems

HF/VHF/UHF Radio Systems-Mobile/Fixed

Trunked Radio Systems

Rural Telephony System and Mobility Solutions

Infra Red Data Transmissions Links

Spread Spectrum Radio Systems



Telemetry/SCADA

Point-to-Point and Networking Systems

Oil & Gas Pipeline Integrity Monitoring Systems

Radio Based Remote Control & Monitoring



GSM

Base Station installation & management

Management Software

Towers (Procurement & Installations)





COMPANY TEAM

A professional team of Libyan engineers and technicians together with full range of foreign expert engineers are fully deployed in the company and they are specialised in a full range of activities as follows:



- Engineering and design
- Project and large team Management
- Installation & Commissioning



- Support Service and Maintenance
- Training

Benefits that you find in our company team:

- A strong experience base in execution of projects all over the world especially in Libya.
- Capability to provide integrated solutions.
- Extensive and current knowledge of on-site work and procedures in Libya.
- A unique in-depth knowledge of technology trends.
- A worldwide procurement capability



SELECTED PROJECTS

- **Agip Oil**

Project Of Radio and Switching Network:

- Our team was involved in Engineering, Procurement and Installation of a complete integrated Digital Microwave Systems to connect their operational Oil Fields in Bouri (offshore), A100 (Onshore), and Headquarter (Tripoli). The system consists of 6 complete Digital Microwave Links (from Ericsson, Sweden & AReS, Italy) with Multiplexers (from AReS) fully integrated to Digital PBXs (from Ericsson) and Cisco Routers (for data). Our project team was involved throughout the project phases (Phase 1&2) under the supervision of the manufacturers (Ericsson and AReS). Our team was involved in engineering, Conceptual Design (by studying Client specification and identifying system capacities), project management, installation, and commissioning. The team gained a considerable high quality experience in execution of such projects. The two phases of the project were executed within 24 months.

Project Of Fibre Optic Network:

- We are in a process of negotiating a sub-contract for implementation of 24 core single mode fibre-optic cable and Optical Transmission System for a distance of 725 km within the project of oil pipeline from El-Sharara down in the Libyan Desert to Mellitah in the north as an exporting port in the Mediterranean Sea.

- **Ras-Lanuf Co. (RASCO)**

Project Of Local Area Network:

- Our team was involved in design, installation and commissioning of Structured Cabling System including Active Equipment and Training. More than 3000 nodes are expected to be connected in RASCO complex and our team of Libyan engineers are involved in the project implementation. The project was supervised by primer contractor our partner (Orion Communication Service, Malta). The project is under execution and it will take 9 months to finish.



SELECTED CLIENTS

- 11th June Oil Clinic
- Agip Oil Company
- Agip N.A.M.E.
- Agip Gas BV
- General Electric Company Of Libya (GECOL)
- Great Man Made River Authority (GMRA)
- National Oil Corporation (N.O.C.)
- Libyan Arab Airlines
- Ras-Lanuf Company (RASCO)
- Repsol Oil Operations
- Social Security Fund (S.S.F.)
- Total
- Veba Oil
- Wintershal



INTERNATIONAL PARTNERS

Cable & Wireless, UK (www.cw.com)

V-sat systems and Global Network Service provider



CABLE & WIRELESS

AReS, Apparati Radio e Sistemi S.r.l., Italy (www.ares.it)

Manufacturer of Digital / Analogue Radio Links & Multiplexers



ANTENSAN, International, Germany (www.antensan.de)

Communication Towers and Engineering house



GEOTECH Systems, Malta (www.geotechsystems.com)

Engineering and Consultancy especially in Data Systems for Oil and Gas



ORION Communication Service, Malta (www.ocsl.biz)

IT Solution Provider

