



COMPANY
OVERVIEW

TABLE OF CONTENT

Introduction

01

- Quality Assurance and Mission Statement
- History
- Market We Serve

Information Technology Division

02

- Information Security
- Infrastructure & Wireless Networking
- Servers & Storage Solutions
- Cloud Computing
- Annual Maintenance & Support
- Partners

Telecommunication Division

09

- About us
- Capabilities & Expertise
- Market We Serve
- Service & Solutions
- Brands We deal
- Current and previous EPC project
- Our Clients

Solar Energy Division

20

- Introduction of energy divisions:
- Services & Solutions we provide:
- Hazardous Locations:
- Low Operating Costs:
- We Promise Satisfaction:
- Our Projects:

ISO Certificate

22

Contact Us

23

- Locations

Introduction

Every business has unique needs. Understanding those needs and providing the right solutions make them grow better, always. We, at ASAM work with several leaders in various industrial segments which has given us a sheer trading experience and a Perspective that transcends any-geographical and cultural boundary. ASAM emerged as a technology solution provider usually to industrial, oil and-gas sector heavily focused on Middle East market. Our state of the art cutting edge Solutions-rapidly enabled us grow as leading supplier in oil and gas and industrial segment.

Quality Assurance and Mission Statement:

ASAM mission is to provide innovative, qualitative, cost effective & safe solutions to all our stake holders by preserving world energy resources, infrastructure and Environment.

History

*1999 : 4C Technologies Inc., Houston USA started journey
2005 : 4C Technologies General Trading LLC, Dubai, UAE
2007 : Ali Salim Al Midfa Trading Est. (ASAM), Saudi Arabia
2013 : Global Technology Oil-Field & Gas Trading, Abu Dhabi, UAE*

Information Technology Division:

Information Security

Your business needs an efficient IT security system to secure your critical data and Network from cyber threat and attacks. With robust IT security solution, you can strengthen and secure your network from cyber-attacks, such as hackers, malware, cyber theft, spyware, and computer viruses. This ensures that your critical information is not vulnerable to cyber-attacks and ransom-ware attacks that can cause loss of data and severe damage to reputation. Pinnacle prides itself on our highly robust managed security services that help our clients stay ahead of threats.

Infrastructure & Wireless Networking

ASAM range of infrastructure services are implemented by IT integrators that understand the business, implementing services and technology applications while valuing efficient resource allocation. Our experts are backed by certified training and skills from industry-leading vendors. In this world of fast-paced technological developments, it is imperative for organizations to have a strong, flexible, and efficient network structure to help them make the most of new business and communication opportunities coming their way. As an enterprise, you must have a strong network infrastructure, with high-performing Local Area Network (LAN) and Wide Area Network (WAN), to stay competitive in your industry and grab opportunities knocking at your door. As one of the leading IT outsourcing boasts a team of network specialists that can help you enhance and strengthen your network infrastructure, thus enabling you to get the best returns from your investment.

Wireless Solutions:

Every enterprise today requires an efficient network solution for speedy access to information and faster communication systems. There are reasons why an enterprise chooses a wireless network solution

A WELL-DESIGNED WIRELESS INFRASTRUCTURE WILL HELP YOUR ENTERPRISE

- Increase security
- Reduce time for setup of cable required to outfit a location
- Improve productivity
- Allow users quick access to the network

Virtualization Solutions:

THE NEED OF A VIRTUALIZATION SOLUTION

Is your business running out of space for storing business data and proprietary information? Is your business willing to invest in a cutting edge technological solution but lack the space and cost to do so? Well the answer to your queries lies in a unique concept called as virtualization. A virtualization solution will work best for businesses that are willing to implement the best technology solutions but lacks the space and cost to do so. Our virtualization solutions include network virtualization, server and storage virtualization. Our network virtualization experts make use of network solutions by utilizing all the existing resources optimally to produce comprehensive technological solutions.

(i) Virtualization helps your enterprise:

- Improve application performance
- Reduce energy needs
- Consolidate servers and increase utilization
- Virtualize network connections
- Build next-gen data center with integrated resources designed for virtualization
- Manage physical and virtual environments
- Consolidate and manage storage

Servers & Storage Solutions

End-User Solution:

ASAM is a trusted partner of end-user solutions for a wide range of business technology needs. We have carried out projects for wide variety of end users looking to incorporate the highest quality of automation products.

Printers: HP products

Laptops/Desktops/: Dell, Lenovo, HP, Asus, Microsoft, Apple

ELV Solutions:

Structured Cabling and Cabinet Solution: ASAMs provides versatile solutions for various needs including, copper solutions, fiber solutions, intelligent cabling solutions and rack solution for DC and Campus. Physical Security Solutions: ASAMs has proven itself providing IPCCTV Systems for reputable companies such as CP-Plus, Honeywell, Aduha, and Hikvision; Access Control Systems to companies such as Finger Tec, Honeywell, Time & Attendance System to ZK Tec. Data Centre build Services. Organizations are centralizing their IT operations by cultivating central data centers. ASAMs aims to help in this regard by utilizing its wide range of specializations to offer the following services: virtualization, to improve the efficiency of existing resources in a cost effective manner; data migration, which includes applications servers and physical shifting of equipment while addressing core elements; Cooling systems to ensure ideal temperatures within the center; Raised flooring to accommodate the massive amounts of cable; uninterrupted water supply, to maintain operations; fire suppression systems that are environmentally friendly and non-toxic; and water detection, through the installation of water sensitive cables designed to address any leaks effectively.

Cloud Computing:

Google Apps:

With G Suite, you not only get Gmail — the world's most popular email — customized for your business but also get access to the world's most popular apps — Calendar, Drive, Documents, Spreadsheets, Hangouts for chat & video conferencing, Presentations, Forms, Sites, Google+, and more. G Suite makes working together a whole lot easier.

- *Make decisions faster, face to face*
- *Collaborate in real-time.*
- *Store and share files in the cloud.*
- *Secure your data and devices*

Office 365:

YOUR COMPLETE OFFICE IN THE CLOUD:

Office 365 is a cloud-based service hosted by Microsoft. To give you anywhere access to the things you need to get things done across your devices – from PCs to smartphones and tablets. It brings together

- *The power of Office you know Fully installed on premise on your PC/Mac*
- *Business class email with 50 GB mailbox*
- *Document sharing 1 TB file storage and sharing*
- *Instant messaging and HD video conferencing*

Annual Maintenance & Support

ASAMs offers a wide range of support services to complement and enhance the technology solutions that our clients demand. From a single system to a complete IT infrastructure, from hardware to software, Lemon Communications is committed to providing excellence in customer support and satisfaction, driven by our continual service improvement initiatives. We provides first second and third line professional support services on a 24/7 basis. Maintenance Support contracts can cover the following support options:

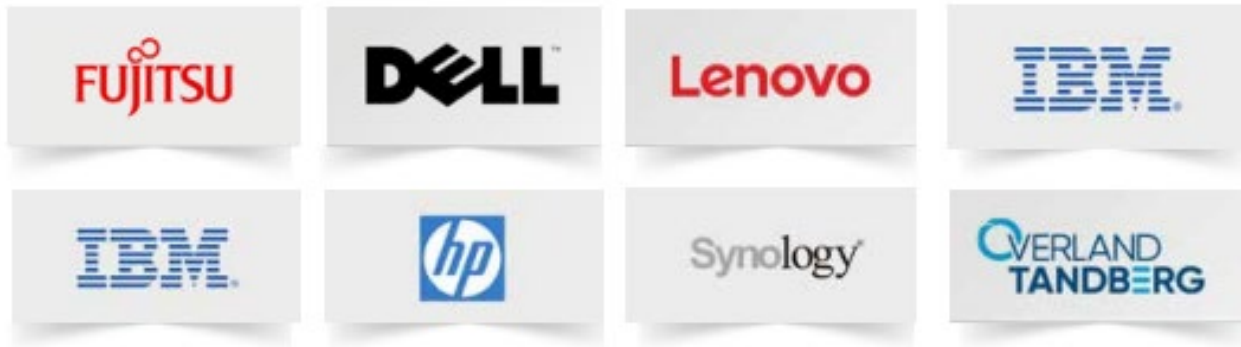
- *Emergency Response – 24 hours or 6 hours On-Site Response*
- *Quarterly Preventive Maintenance check-ups*
- *On site spares replacement and management*
- *Site Audits and documentation*

We provide the following AMC Services:

- *Annual Maintenance Support Services*
- *Managed Services*
- *Professional Services*
- *Cabling Services & Maintenance Contract*

Partners:

SERVERS & STORAGES:



SOFTWARE'S & VIRTUALIZATION:



NETWORK SECURITY



ELV SYSTEMS



Telecommunication Division:

ABOUT US:

Ali Salim Al Midfa (ASAM) Contracting division provides complete Telecommunications systems integrations to various LSTK companies to specifically meet the global needs of Oil & Gas Pipeline, Petro Chemical Plants and Power Utilities sectors in provision of complete network integrated solution for Telecommunication Systems, Pipeline Optical Interface Detection and Leak Detection Systems/RTU. Additionally, we have strategically globally located subsidiary companies in the US, Dubai, Abu Dhabi & Saudi Arabia. As a specialist telecommunications systems engineering and integration provider, we directly employ a large team of dedicated specialized telecommunications professionals with a wealth of knowledge and experience to meet the most demanding and sophisticated nature of global telecommunications projects in the Petro-chemical and energy sectors. We provide a diverse range turnkey telecommunication network solutions for telecommunications projects in the Petro-Chemical and Energy industries, both onshore and offshore, these include:

- Offshore Production platforms
- Oil & Gas Refineries
- Oil & Gas Pipelines
- Petro-Chemical Plants

The turnkey services provided by ASAM include telecommunications consultancy services, design, engineering, project management, procurement, system integration, installation, commissioning and after sales services. With a highly experienced multi-national and multi-lingual engineering team our companies engineering philosophy is to provide initiative high integrity solutions using the latest proven technologies. Working closely with a wide range of leading manufacturers products we develop in house custom integrated solutions incorporating a wide range of systems to meet the specific to meet the specific turnkey requirements or projects in the most demanding operational environments.

Our scope of supply covers a wide spectrum of the telecommunications systems and solutions, which focuses on the unique requirements of each individual client and project specification. With our extensive experience in completing a comprehensive number of diverse telecommunication projects worldwide we have to know how and technical expertise to develop a technical solutions to realize a truly integrated network solutions.

The comprehensive scope of supply for either individual systems or a combination of systems to provide truly integrated solutions is shown below:

- *Wireless Network*
- *Transmission Systems*
- *Data Network Systems*
- *Telephone System*
- *Security Systems*
- *Leak Detection Systems*
- *Pipeline Communication/RTU Shelter*

CAPABILITIES & EXPERTISE

In order to achieve our objective of total customer satisfaction, we develop a flexible interactive working relationship with our customers to ensure we focus on the changing needs and expectations of the project. We take an innovative engineering approach with an emphasis on value to ensure all relevant new proven technological developments and market trends are fully understood and exploited by our engineering team, and whose skills and experience are constantly upgraded. To meet our market sector criteria and specific industry demands and as professional engineering design house, all projects are managed in accordance with the ISO9001-2000 standards. The following core activities are the basis of our project's execution:

- Detailed Engineering Design.
- Project Management & Proposal.
- Procurement.
- System Integration, Factory Acceptance Test (FAT) and System Integration Test (SIT).
- Installation, Commissioning and Site Acceptance Team (Technical Team)

DETAIL ENGINEERING DESIGN (SYSTEM NETWORK INTEGRATIONS)

Our projects are engineered to provide every specific detail related to the project in terms of drawings, design reports and design calculations. Each project is assigned a highly skilled engineering design team comprising of experienced telecommunication professionals. Part of our expertise is developed and convert the Project proposal package into a Detailed Engineering Package, our systems engineers will create various drawings and documents consist of the following;

SYSTEM DRAWINGS

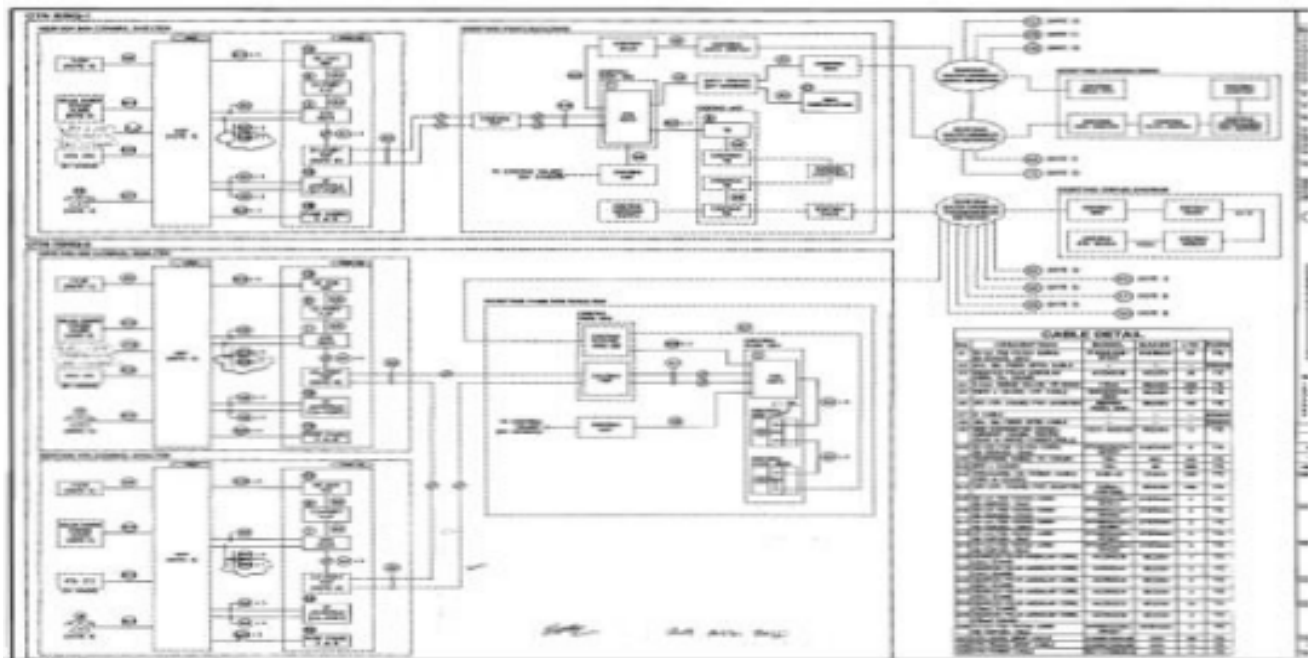
- TELECOMMUNICATION SYSTEM BLOCK DIAGRAM DRAWINGS
- TELECOMMUNICATION SYSTEM TERMINATION AND WIRING DETAILS
- TELECOMMUNICATION SYSTEM DIMENSIONAL AND WIRING DETAILS
- TELECOMMUNICATION SYSTEM GENERAL ARRANGEMENT DETAIL

SYSTEM DOCUMENTS

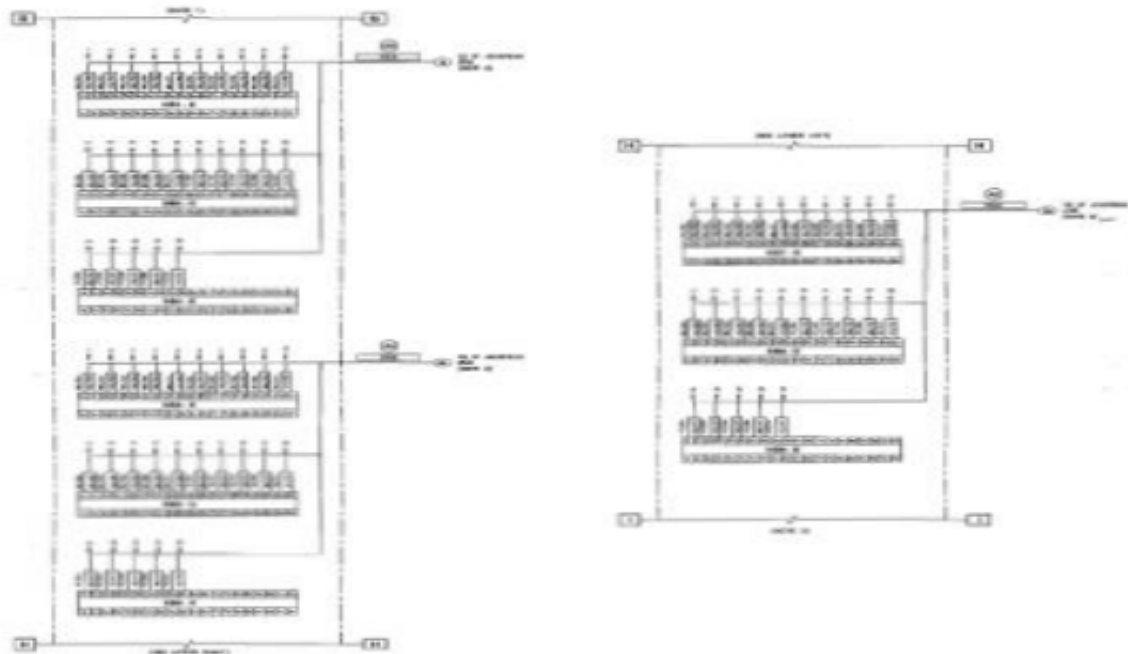
- FUNCTIONAL SPECIFICATION DOCUMENTS
- EQUIPMENT DATA SHEET
- FACTORY ACCEPTANCE TEST DOCUMENTS
- SITE ACCEPTANCE TEST DOCUMENTS

SYSTEM DRAWINGS

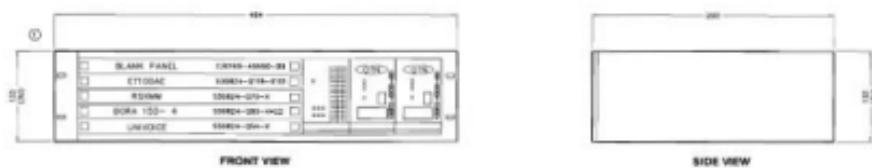
- TELECOMMUNICATION SYSTEM BLOCK DIAGRAM DRAWING



● TELECOMMUNICATION SYSTEM TERMINATION AND WIRING DETAILS



● TELECOMMUNICATION SYSTEM TERMINATION AND WIRING DETAILS

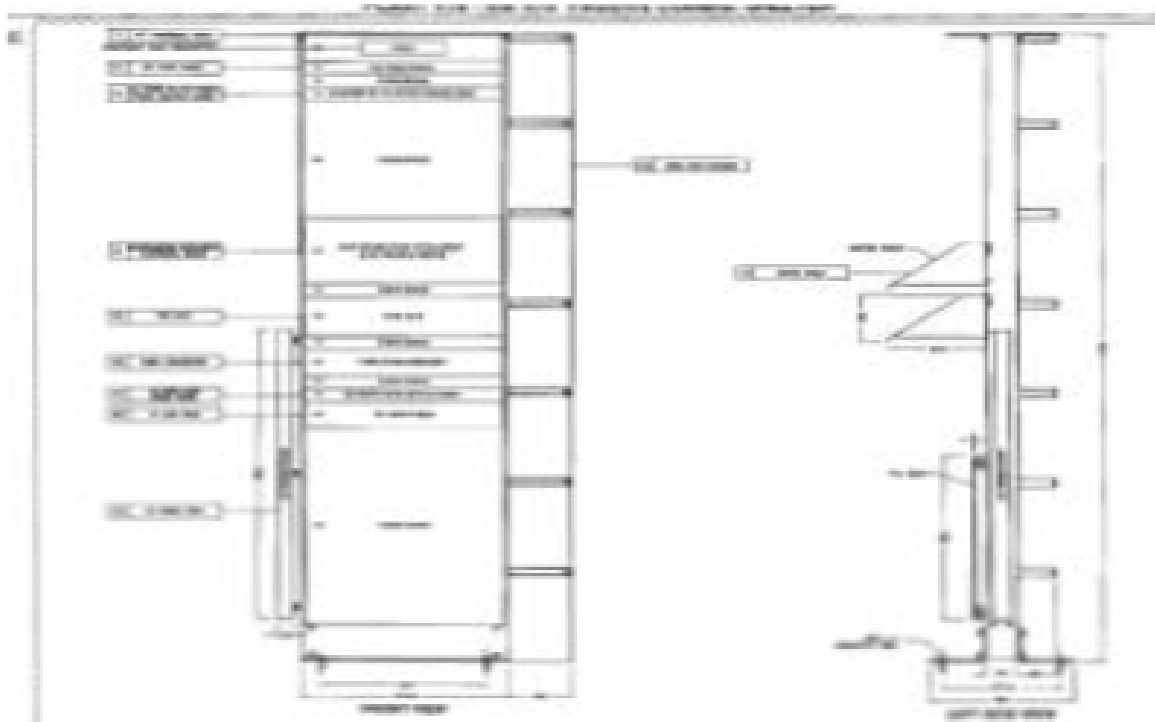


QTN - 150 N21S NODE



QTN - 150 N22 NODE

● TELECOMMUNICATION SYSTEM TERMINATION AND WIRING DETAILS



PROJECT MANAGEMENT & PROPOSAL

Project Management is a key activity to achieve a successful project. Our company has a dedicated department and highly experienced and motivated project management teams for this task. Each project manager who handles both internal and external project scheduling, budgeting and coordination using wide range software applications. Our teams are well experience professionals and capable to conduct and develop complete Project proposal package from field site survey, development of drawings, preparation of material Take-off list (MTO), Technical Specifications and Material requisition for both Telecommunications systems and Pipeline LDS/RTU.

PROCUREMENT

The procurement of our Telecommunications equipment, LDS and RTU's and hardware for the following systems were obtained worldwide via our dedicated procurement team. The basis of the procurements is in compliance with the company approved manufacturers from various well-known companies as indicated below;

Markets We serve:



Oil & Gas



Telecom industries



Power & water



Petrochemicals industry

Service & Solutions

Wireless Network

- Digital Microwave System
- VSAT
- UHF Radio System
- Aviation System
- Radio Pager System
- SCADA Radio System
- Tetra Radio System

Transmission Systems

- SDH Systems
- DACS Systems
- Fiber optic system
- Aviation System
- DWDM

Telephone Systems

- DVAC Video conferencing
- PAGA/In-plant paging system
- CATV system
- VOIP System
- OSP System

Pipeline communication/ RTU shelter

- Passive Cooled Shelter
- 2. Active Cooled shelter

Brands We deal:

- Guardian Telecom Inc., Canada (Exclusive Partner)
- ABB Keymile
- Corning
- Bosch - CCTV
- Nokia siemens
- Hikvision - CCTV
- Cisco-telephony
- Omnishelters



Current And Previous Epc Projects:

- Supply of IP rated and hazardous area telephones to Abu Dhabi Airport IPT project, Abu Dhabi, UAE.
- Upgrade of Public Address and general Alarm systems to KJO operations site at Saudi Arabia. Currently working.
- BERRI DOWNSTREAM PIPELINE, BI-10-00907 -SAIPEM1.
- RELOCATE JAZAN-ABHA REFINED PRODUCT PIPELINE (IN-PLANT FACILITIES)

- PIPELINE LOOPS FOR SHY-1 EXPANSION, PHASE-II – BI-10-00295 SAUDI ARABIA
(SUEDROHRBAU Saudi Arabia Ltd)
- REFINED PRODUCT PIPELINE (RAS TANURAH-DHAHRAN-RIYADH) BI-10-00611,
SAUDI ARABIA
- LUBEREF GROWTH PROJECT (REFINERY EXPANSION), ARAMCO/LUBEREF-YANBU,
Saudi Arabia

Our clients:



Solar Energy Division:

Introduction of energy divisions:

At ASAM we are able to provide cost-effective power supplies with our state-of-the-art systems and application technology. We are active in the design, engineering, assembly, and supply of solar and solar-wind energy systems. Our services include Solar Panels, Charge Controllers, Invertors, Batteries.

Services & Solutions we provide:

At ASAM we pledge to assist you in all aspects of energy including the concept study, design, as well as the installation and operation. In the case of unconventional solutions, we are able to develop the necessary tools and components on a case-by-case situation. Examples of our services include:

- Solar/wind hybrid renewable power packages for production platforms
- Charge & output controllers
- Battery Boxes
- Solar Module Support Solutions

Hazardous Locations:

At ASAM we pride ourselves in using highly advanced charge control techniques in our range of proprietary regulators- and take one-source responsibility for our system approach. GT has an extensive record in this demanding segment and we produce our own Hazardous Location Products and solar modules.

Low Operating Costs:

From the start of any project ASAM's mission is to optimize the total cost of ownership. One way we demonstrate this is by refurbishing ageing systems in order to reduce operations costs. Our trusted staff can provide sales services on a service contract basis or case by case depending on the project. GT can apply on-site data collection that includes remote monitoring and ultimately safeguards the operation-critical system functions.

We Promise Satisfaction:

Our aim at ASAM is to build long lasting relationships with our clients. We strive to provide solutions that exceed expectations and allow for a mutual trust built on integrity and success. Our care and support go beyond just our outstanding solar systems- we give utmost importance to client satisfaction.

Our Solar Projects:

- ESI Carbon Capture & Storage (CCS)/project Phase-1 : ESI-Rumaitha, Abu Dhabi, UAE
- Replacement of 16" Condensate Pipelines from Habshan to Ruwais, - ADNOC UAE
- New 24" Lean Gas Pipeline from Buhasa to Bab & Bab to Thammama C – ADNOC, UAE
- EPC for Buhasa Shuaiba South Artificial (Gas) Lift project - Phase 1 – ADNOC, UAE
- SHY Pipeline Project – SAUDI ARAMCO, KSA
- PP14 Fuel Gas Pipeline – SAUDI ARAMCO, KSA
- Pipeline Capacity – 1,000 MBCD expand Shaybah-Abqaiq – SAUDI ARAMCO, KSA
- Fadhili Gas Plant project – SAUDI ARAMCO, KSA
- EPC Gas Export Pipeline Badra - Zubaidah, Republic of IRAQ

ISO Certifications:



Contact Us:

Location

Ali Salim Al Midfa Contracting- KSA

Office No. 702, Al Mohammadiya Tower,
Al Khobar, PO Box 31952, Dammam, KSA.
Tel: +966 13 8643216
8969216/8969423
Fax: +966 13 8969541

4C Technologies General Trading LLC - UAE

Office No. 211, Burlington Tower Business Bay,
PO Box 118659, Dubai, UAE.
Tel: +971 4 4205757
Fax: +971 4 3683311

4C Technologies INC. - USA

3845 FM 1960 W Houston TX, 77068.
Houston TX, USA.
PO Box 118659, Dubai, UAE.
Tel: +1 281 580 2853
Fax: +1 281 580 2854

Global Technology Oil-field & Gas rading LLC

Office no: 27 Block no.2 unit 15, first floor
Global Ascent Business center, Mussafah Industrial Area
P.O box no: 131229, Abu Dhabi, UAE
Tel: +971 2 4474928 Fax: +971 2 4486539