ComSol

Solutions Redefined >>>

COMPANY PROFILE

Comsol Technology L.L.C

Ramhan Tower, Office # M022,

Hamdan Street,

Abu Dhabi - UAE, P.O.Box 393679

Tel: +971 2 445 0599,

www.comsol.ae

Suntech Tower, Office # 309,

Dubai Silicon Oasis,

Dubai -UAE, P.O.Box 393679

Tel: +971 4 564 0279,

info@comsol.ae

ABOUT US

We are multidisciplinary state of the Art technology Large Fibre optic Network, ICT, Data Centre and Physical Security system design specialist with extensive capabilities of delivering large projects in line with industry standard and international standard.

Our technical expertise with accreditation and vast experience in project design and delivery capabilities are outlined to illustrate the Quality of Service in today's Middle east industry.

Responding faster and intuitively to changing market Dynamics, we offer our clients access to technology making them more dexterous and performance oriented, each measurable from start to end. We focus on building Long-term client relationship.

OUR GOALS

Mission

Our dedication to outstanding solution and highest quality of customer service delivered with commitment, pride and company expression.

Vision

We aspire our team to emerge as a pioneering system integrator through distinguished solutions for the next generation of Information Technology and Security.

Values

We work together across boundaries to exceed the needs of our customer to help our company and our clients to gain the best possible goals.
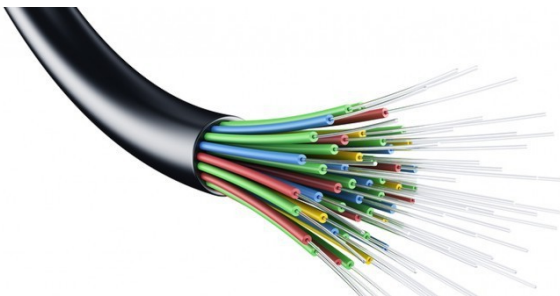
OUR SOLUTIONS

FIBRE OPTICS SOLUTIONS

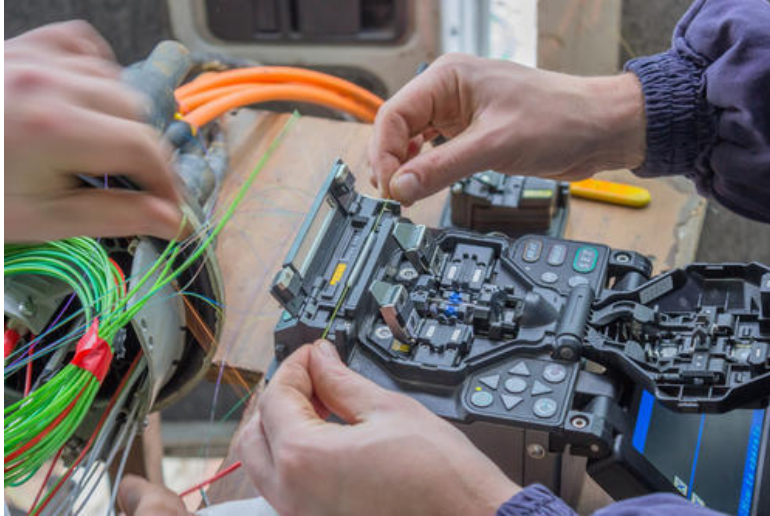We Design and Install all Fibre Optic Network for:

- Local Area and Wide Area Networks
- Campus Area Networks
- Metro Area Network
- Long Haul DWDM Network
- Aerial and Underground Fibre optic network for Utility Water and Power SCADA Network
- FTTx, GPON and GEPON Access Network

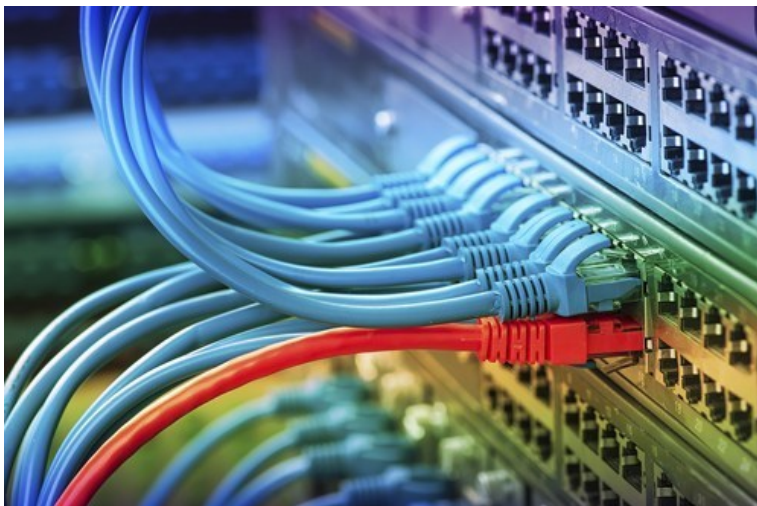Our physical Fibre Optic (FOC) network Solution comprises of

- OM3, OM4 Multimode and OS2 Single mode Fibre Cables
- Outside Plant Direct Buried and Duct grade Fibre cables
- Pre terminated Fibre cable assemblies for Data Centre
- FTTx drop cables, Blown Fibre cables Power Fibre Cables
- Optical Ground Wire (OPGW) Fibre cables,
- OPGW fittings and OPGW joint enclosures
- Aerial Duct or Metallic Self-Support Cable and Fittings
- Fibre shelves and Fibre Terminating accessories
- Underground FOC Joint enclosures
- Fibre Plant Monitoring Software Solutions

Our OSP Services cover the following activities

▸ Turn key Fibre installations including Civils

▸ Consulting, Audits and Inspection

▸ Financial modelling

▸ Fibre Splicing

▸ OTDR and Power meter Fibre Testing

▸ Drawings and Documentations

▸ Equipment installation and Commissioning

▸ Fault identification and Trouble

STRUCTURE CABLING SOLUTIONS

Structure cabling is the design and installation of Cabling to connect the various telecommunication devices and equipment. The structure cabling design and installation is governed by set up standard that specify for the offices, commercial buildings and Data Centres for data and voice communication using various kinds of cables.

ComSol team has BICSI RCDD accredited and manufacturer trained engineers has more than two decades of experience in designing Structure cabling system in line with ANSI TIA/EIA and ISO /IEC standard and follow BICSI guideline for installation. Our certified solutions involve high quality components from leading European and USA manufacturers.

Our Structure cabling solution is implemented in many entities for Information and Communication Technology System, Wireless System, Physical security, Building Management and other low voltage Systems.

In addition, we have design and install experience in intelligent Patching solutions & Our intelligent Automatic Infrastructure patching solutions can be installed in medium and large networks or Data Centre. It enables easy management of the network throughout the building to create structured solutions for users. Intelligent infrastructure management features include the ability to track and

document any changes to the patch field and store those changes in a database. Through software, these solutions also offer work order processes that let you input scheduled connectivity changes and guide technicians through the steps.

Another key benefit of intelligent systems is improved security of the physical layer. When changes occur in the connections, the systems can send alerts via various communication methods, including e-mail, cell phones, and pagers.In addition, our intelligent infrastructure management solutions can disable LAN access in the event of an unauthorized connection.

Our Services

- ▸ Consulting, Audits and Inspection
- ▸ Financial modelling
- ▸ Copper and Fibre Terminations
- ▸ OTDR and Power meter Fibre Testing
- ▸ Field Testing of UTP Cables
- ▸ Drawings and Documentations
- ▸ Equipment installation and Commissioning
- ▸ Commissioning of Intelligent cabling system
- ▸ Authority inspection and Approval
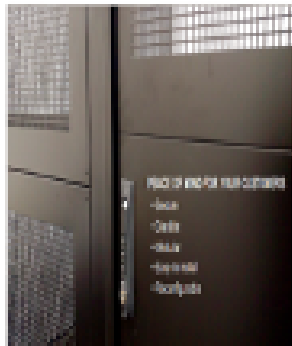- ▸ Warranty and Training

DATA CENTRE SOLUTIONS

ComSol, having Uptime Institute certified Tier Designer has experience in designing and installing standards compliant (TIA/EIA 942A), fault tolerant, energy efficient and flexible infrastructure solutions for Data Centres. Our design and project management capabilities are supported by BICSI RCDD qualified consultants and we are familiar with designing and implementing business critical solutions that require intrinsic fault tolerant designs that include flexibility and scalability.

Construction of Data Centre comprises of

- Consulting, Audits and Inspection
- Over Head and Under floor pathway Systems
- Raised Floor and cable guard solutions
- Power Distribution and monitoring Systems
- Pre-terminated copper and Fibre Cable assembly
- Racking, Cold & Hot aisle containment Systems
- UPS & Data Centre Cooling Systems
- Metered, Monitored and Switched Rack PDU
- Environment Monitoring Systems
- DCIM

In addition to above, ComSol also provides the Data Centre Cage System and Air-Conditioned cabinet for Servers. Cage System is perfect for data Centre environments requiring subdivision or a higher level of security. Air-conditioned server cabinets are an efficient, self-contained cooling system ideal for use in remote locations, wiring closets, and industrial environments that don't have cooling infrastructure already in place. Capable of providing up to 4 kW of cooling.

Management of Existing Data Centre Services comprises of

- **Refurbish and Refit**: Refurbishing often taken place in Data Centre may be hindered physical constraints such as the positions of existing equipment or infrastructure services, as well as working space and access.

- **Migration and Space Optimization**: Consolidating Data Centre assets or migrating IT equipment to a new in-house Data Centre facility or co-location provider may be considered necessary to increase capacity or decrease costs.

- **Upgrading Data Centre Systems**: Upgrading the existing Data Centre facility for capacity upgrade and efficiency increase as the IT business evolves.

- **Emergency Response and Preventive maintenance**

PHYSICAL SECURITY SOLUTIONS

We specialise in the design and installation of intelligent security solutions in IP based CCTV and Access control system in comply with open standard protocols facilitates multi-vendor and multi-system integration. Our management having experience in designing distributed and centralized security system architecture, implemented integrated Physical security sub system such as CCTV, Security, Gate Barrier, Lighting control and BMS for government, education, healthcare, finance, enterprise and other sectors. We have a dedicated team of professionals: technicians, sales representatives, engineers and project managers who work together to deliver the best results in established time frames and obtain the approvals from authorities such as SIRA and ADMCC. We collaborate with various leading technology partners that provide innovative equipment and solutions tailored to each of our customer's requirements.

Our physical security solutions and services comprises of

▸ Consulting, Audits and Inspection
▸ CCTV System
▸ Access Control System
▸ Gate Barriers Systems
▸ ANPR Systems
▸ Video Analytic Solutions
▸ Security Subsystems integration solutions
▸ Physical Security Monitoring Solutions
▸ Authority Inspection and Approval
▸ Annual Maintenance Supports

A perimeter intrusion detection system (PIDS)is a device or sensor that detects the presence of an intruder attempting to breach the physical perimeter of a property, building, or other secured area. A PIDS is typically deployed as part of an overall Security system and is often found in high-security environments such as correctional facilities, airports, military bases, and nuclear plants.ComSol provides the perimeter Intrusion detection as part of Physical security sub system.

Perimeter Intrusion and Detection Solutions and Services:

▸ Consulting, Audits and Inspection

▸ Iron Clad Fence Alarm System

▸ Fibre Optic Perimeter Fence Security System

▸ Wall mounted Intrusion Detection Sensor

System

▸ Pipeline Protection System

▸ Under Water Security Technology System

OUR SECTORS

Our experience and expertise in delivering the solution in

- Airports
- Banks
- Data Centre
- Education
- Government
- Healthcare
- Hospitality
- Military
- Corporate
- Oil & Gas
- Ports & Customs
- Utilities

OUR VENDORS

COMMSCOPE SYSTIMAX SOLUTIONS

Oman Fiber Optic

STL

CORNING

AXIS COMMUNICATIONS

RBtec Perimeter Security Systems

EATON Powering Business Worldwide

Allied Telesis

emcor ENCLOSURES

Genetec

milestone

PANDUIT

Schneider Electric

molex one company a world of innovation

dahua TECHNOLOGY

RBH ACCESS TECHNOLOGIES INC.