Company Profile
The State of Qatar has one of the fastest growing economies worldwide and has grown exponentially over the last decade. The State of Qatar has therefore embarked on fostering a sustainable and prosperous society that will meet the needs of and secure a high standard of living for all of its people.

To bring this vision to fruition, an unprecedented amount of construction is currently taking place across the country. Undoubtedly, an outstanding transportation system is a major key to realizing this goal. Having this vast amount of new state-of-the art facilities would definitely require, among other things, a professional Intelligent Transportation System (ITS) Engineering Team to be a part of moving the State of Qatar forward.

Hence, **ITS QATAR** started out as a company of highly qualified professionals with the necessary expertise in transportation technology and its engineering fields to help turn the State of Qatar’s goals into reality. **ITS QATAR** has adopted the System Integration approach to provide Turn-Key solutions to meet the needs in various areas such as ITS, Traffic Management, Security, Communications, etc. in the State of Qatar.

By stressing on specialization in System Integration, and a complete dedication to total quality, we are able to meet the needs of our clients on a custom-made basis.

We look forward to be of service to your needs.
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About Us

**ITS QATAR** was founded to meet a burgeoning demand in Qatar for highly specialized solutions providers of integrated systems in the fields of ITS, Traffic Management, Security and Communications.

**ITS QATAR** provides leading edge solutions & services to a growing customer base in the state of Qatar. Our entry into the market was required to address the requirement for a smart control & management of large scale integrated systems for transportation & industrial applications as well as for the small and medium-sized commercial marketplaces. From our inception, **ITS QATAR** has been committed to designing and supplying innovative, reliable, and high quality systems to fit the needs of our clients.

Our scope includes design, system integration, engineering, equipment supply, installation, commissioning, operations, and after-sale services for corporate organizations, private enterprises and government facilities.

To secure our sources of supply and technical support; we represent a large number of internationally acknowledged manufacturers and suppliers of relevant systems, components and accessories.
**MISSION**

To address the requirement for a provider of Turn-Key solutions & services for large scale projects in various areas such as ITS and Traffic Management as well Security and Communications for small to medium-sized commercial marketplaces.

**Strategy**

- Keeping up to date with the latest groundbreaking technologies that will meet project requirements in Qatar & GCC countries.
- Holding strategic relationships with our international partners who are a major resource for the latest and future technologies.
- Utilizing the tried and tested System Integration process as a backbone for our Company duties.
- Maintaining, developing, and training our staff to ensure they can deliver the best product for our clients.
- Providing Turn-Key solutions include design, installation, commissioning & after sales services.

**Commitment**

Our aim is to be an ally to our clients, who provides the required Turn-Key solutions from the engineering perspective. Intangibles include confidence, reliability, knowing that somebody will be there to answer questions and help at the important times.

**Why us**

The ITS QATAR team has that experienced valuable blend of business analyst and engineering specialist that gives us the advantage to deliver top notch results for our clients.
ITS QATAR offers a Complete Range Solutions:

- Traffic Signals & Urban Traffic Control (UTC) Systems
- Intelligent Transportation Systems (ITS)
- Security Systems
- Automatic Number Plate Recognition (ANPR)
- Parking Management Systems
- Communication Systems
- Traffic Safety Equipment & Work Zone Safety Products

Consulting Services:

- Design of Urban Traffic Control (UTC) Systems
- Intersection/Traffic Signal Design
- ITS Design
- Security Systems Design
- Traffic Surveys and Data Collection
- Traffic Studies

Supporting Services:

- Program and Project Management.
- Product Choice & Procurement.
- Installation, Testing, and Commissioning.
- Training, Maintenance & Operation.
Traffic Signals & Urban Traffic Control (UTC) Systems

Our Traffic Signal System work includes:

- Advanced Traffic Signal Controllers SCATS® compatible
- Urban Traffic Management System SCATS®
- Traffic signal heads
- Vehicle & pedestrian detectors (in & above ground)
- Traffic signal poles, cantilevers & gantries
- Smart loop sensors & video detection
- Actuated and/or adaptive operation programs.

We also provide the following Services:

- Intersection Design
- Signal Analysis & Design
- Signal Installation & Commissioning
Intelligent Transportation Systems (ITS)

With the growth of mobile fleets over the last two decades and in spite of the notable improvement in infrastructures, especially in the high capacity network, the solutions that were valid yesterday and which permitted notable improvements for specific problems, have become insufficient to handle today’s ever expanding traffic growth.

Intelligent Transportation Systems (ITS), also called Advanced Traffic Management Systems (ATMS) and Freeway Management Systems (FMS) is an umbrella term for a broad range of diverse technologies including information processing, communications, control and electronics that are applied to a transportation system. It also includes an advanced approach to traffic management.

ITS value is best recognized in the integration of information from several sources, the processing of that information, and then making it readily available to all transport system stakeholders to help them make the decisions that support sustainable transport.

Goals of ITS include moving towards fully integrated transportation system, improving efficiency, safety, productivity and general mobility while reducing threats to travel safety and security as well as the negative effects to the environment such as pollution.
Through our extensive ITS expertise we are capable to offer a full range of ITS services including planning, design, deployment, installation, operation and maintenance of entire systems.

Our Comprehensive ITS system is open to integrate with any third party application (Sub-system) such as:

- Adaptive Traffic Signal Systems
- Traffic Data Collection Stations
- CCTV & Automatic Number Plate Recognition (ANPR)
- Automatic Incident Detection (AID) Cameras
- Variable / Dynamic Message Signs
- Lane Control / Variable Speed Signs
- Area Wide Parking Guidance Systems
- Public Transport Management Systems
- Truck Weigh Stations / Weigh-In-Motion (WIM)
- Over-Height Vehicle Detection System (OVDS)
- Weather Stations
- Emergency Telephones

Our ITS system provides

- High Reliability
- Scalability
- Reduce Costs
- Easier Operation
Communication Systems

Complete range of communications solutions

Fiber Optic System

Provide all components & services:

- Design for Complete Fiber Optic System
- Professional services of Splicing & Termination
- Testing & Reporting Services

Wireless Solutions

- Supply, Design & Installation of Wireless Systems
- Point to Point or Point to Multipoint Systems
- Point to Point Ethernet Bridge
Parking is an essential component of any transportation and hospitality system; **ITS QATAR** provides a wide range of Parking solutions, state of the art Integrated Parking Management Systems (iPMS) with all components and services required.

- Parking equipment & Management system for paid parking or Access control purposes.
- Parking Guidance Solution
- Automatic Barriers
- Ticketing system
- Booths Systems
- VIP Parking Lot Systems
- Valet Parking
**Traffic Safety Equipment & Work Zone Safety Products**

**ITS Qatar** also supplies a wide range of traffic safety equipment and work zone safety products including:

- Variable Message Signs (Solar or Mains Powered)
- Solar Arrow Panels
- Mobile Warning Trailers
- Temporary Traffic Signals
- Light Towers (Solar or Mains Powered)
- Radar Speed Signs
- Portable Power Generators
- Barriers, Guardrails & Crash Cushions
- Speed Humps
- Traffic Bollards & Reflective Delineators
- Road Marking Materials & Equipment
- Reflectometers for testing of road markings & signs
- Reflective Road Studs
- Reflective Safety Vests
- Solar Powered flashers for road & aviation safety
- Hazard Warning Tape
- Hazard Warning Lamps
- Rotating Beacons, Strobes & Light bars
- Traffic Mirrors
- School Flashers
- Traffic Cones
Security Systems

We provide a wide range of security systems that provide safety and effectiveness for different facilities in different applications.

**ITS Qatar** provides extensive expertise in the design, supply, installation, maintenance & operation of the following systems:

**Closed Circuit Television (CCTV) Systems**

State of the art IP based CCTV systems; the concept of digital Video over IP Technology is realized by transmitting high quality video signals MPEG4 or H264 format over IP Networks for proper management and recording process.

We provide complete CCTV systems consisting of IP fixed or PTZ camera, video management software, network recording utility, storage devices RAID, SAN, etc., servers, workstations, control keyboards, power supplies, poles with or without lowering system, enclosures, mounting hardware, and all other relevant equipment.

Our CCTV systems can be used for different applications and purposes:

- Street Surveillance
- Traffic Monitoring
- Indoor/Outdoor Enterprise/Buildings/Towers Surveillance
- Projects Work Progress Monitoring
- In-Car Video for Police Applications
- Portable/Mobile Monitoring
Access Control Systems

**I3S Qatar** provides complete Access Control Solutions consisting of analogue or IP based controller, readers, management software & database, electronic locks, servers, workstations & ID printers.

Our Access Control System uses one or all of the following technologies:

- Radio Frequency Identification (RFID) Systems (Proximity or Long range RFID)
- Biometric Finger Print Systems – for access to high restricted areas or time and attendance purposes
- Automatic Number Plate Recognition (ANPR)
- Iris Recognition
- Facial Recognition

Our Access Control System can be integrated & supplied complete with regular wooden or steel doors, fancy speed gates, turnstiles, and revolving doors as well as with High-Security / Anti-Terrorist barricades such as hydraulic road blockers & bollards.
Automatic Number Plate Recognition (ANPR)

ANPR, Also called License Plate Recognition (LPR), is a mass surveillance method that uses Optical Character Recognition (OCR) on images to read vehicle registration plates.

ANPR utilizes special cameras with sensors for triggering purposes to capture high quality images any time of the day for plate read and recognition.

ANPR Modes:

Free Flow Mode - Captures information of moving vehicles at high speed that can be used for various applications such as:

- Monitoring of vehicle log on secure areas
- Highway security surveillance
- Journey Time Measurement System (JTMS) or Point to point speed enforcement
- Monitoring of black list vehicles
- Mobile applications – i.e. Can be installed on police cars for use in surveillance of stolen /blacklist vehicles.

Stop & Go (Parking) Mode – Vehicle access control solution specially designed for paid parking lot and secured parking. This system can be integrated with any Parking Management System.

Mobile Mode – Moving/stationary ANPR system installed in Police cars or law-enforcement authorities to capture license plates of moving vehicles.
Our Partners

TELEGRA
SMART TRAFFIC MANAGEMENT

ATC
Aldridge Traffic Controllers

COMNET

SWARCO

CORNING

GENETEC

MOXA

BOSCH
Invented for life

PROXIM wireless
Performance Matters. Proxim Delivers.

SENSYS networks

RUGGEDCOM
INDUSTRIAL STRENGTH NETWORKS

TATTILE
Custom Vision Solutions

PELCO
by Schneider Electric

GREENPARKING

TELVENT
Schneider Electric

NEVER-FAIL
Loop Systems

WANCO
The industry leader.

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