



تقنيات المرور TRAFFIC TECH

COMPANY PROFILE

ENGINEERED SOLUTIONS WITHIN REACH

MESSAGE FROM THE CEO













Abdel Rahman Al Khateeb
Chief Executive Officer

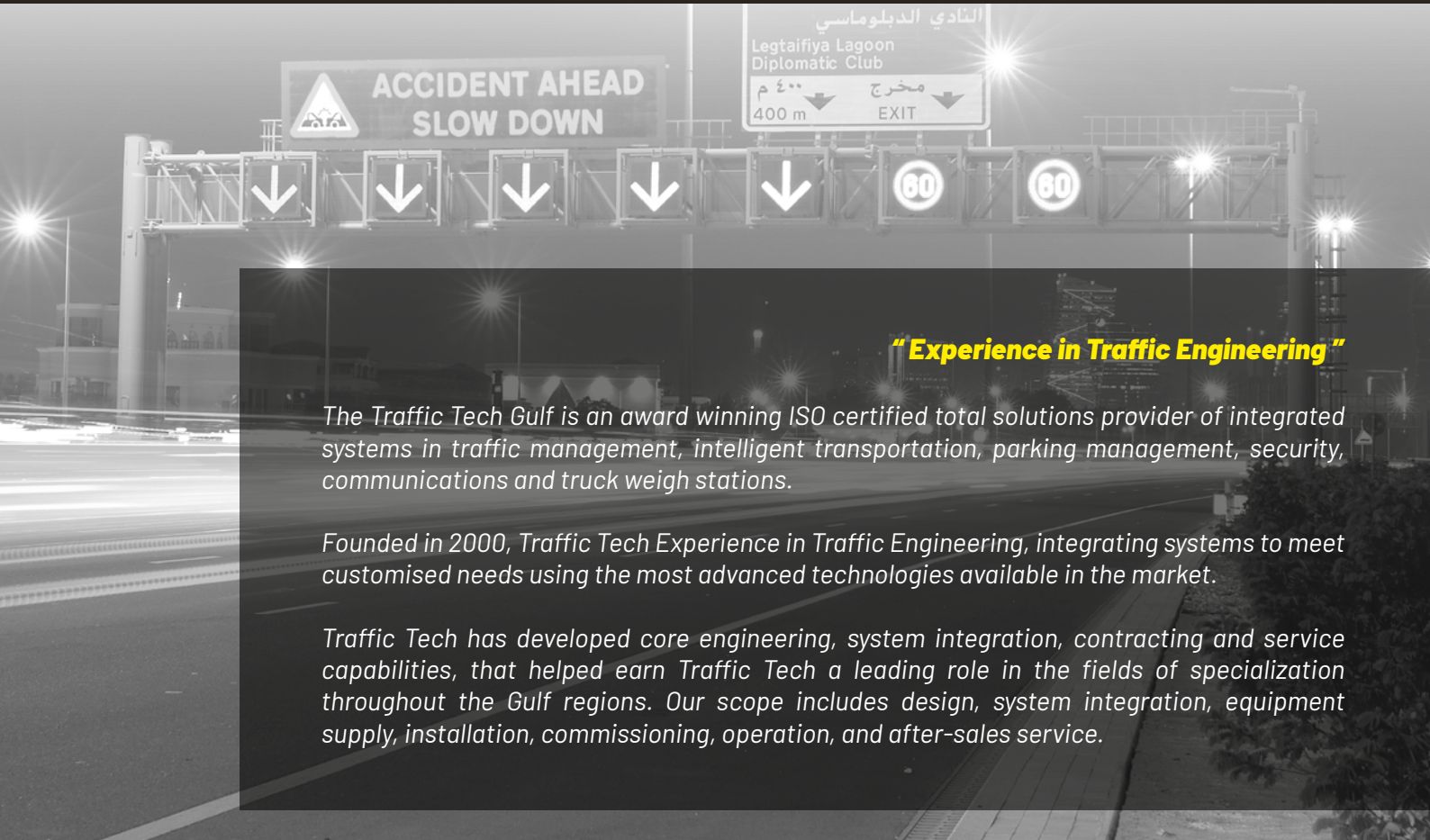
At Traffic Tech (Gulf), we aim to provide client solutions for Intelligent Transportation Systems (ITS), Parking Management, and reliable Security Systems experience. Operating for over 24 years in Qatar, the strength of TTG is in the integration of solutions, from the top level to operations, to deliver timely and quality results to clients.

Infrastructure readiness and availability are critical as Qatar hosts the 2022 FIFA World Cup. TTG is playing a pivotal role in it as well as **"Transforming Qatar into an advanced country"** and providing it with **"world-class infrastructure,"** which are the two of Qatar's National Vision 2030 goals.

With vast experiences in the Middle East, an expanding client portfolio, and an expert pool of employees, we look forward to continuing to provide high-quality service in various fields like ITS, Parking Management, Security Systems, Communications, Traffic Control, etc.

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"Experience in Traffic Engineering"

The Traffic Tech Gulf is an award winning ISO certified total solutions provider of integrated systems in traffic management, intelligent transportation, parking management, security, communications and truck weigh stations.

Founded in 2000, Traffic Tech Experience in Traffic Engineering, integrating systems to meet customised needs using the most advanced technologies available in the market.

Traffic Tech has developed core engineering, system integration, contracting and service capabilities, that helped earn Traffic Tech a leading role in the fields of specialization throughout the Gulf regions. Our scope includes design, system integration, equipment supply, installation, commissioning, operation, and after-sales service.

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OUR PRESENCE



Traffic Tech (Gulf) W.L.L. (TTG)
Qatar / established in 2000
Operates in Qatar with various projects in the field of ITS, Security & Communications



Sigma Metal Industries (SMI)
Qatar / established in 2008
The manufacturing arm of the Traffic Tech Group.
Manufactures various products, including traffic signs, directional signs, gantry structures, trailers, electrical cabinets, and truck scale platforms.

2000

TRAFFIC TECH
www.traffic-tech.com
تقنيات المرور (الخليج) ذ.م.م.
TRAFFIC TECH (GULF) W.L.L.

2009

- Qatar's 1st Tunnel Traffic Management. RAAR Tunnel
- First Truck Weighing Station in Qatar - Salwa Highway (ITS)
- 100km of Fibre Optic Cable
- First ANPR to read new number plates.
- Qatar University (ANPR)

2010

MEGA E&M
ميغا إي أند إم للتجارة والمقاولات ذ.م.م.
MEGA E&M TRADING AND CONTRACTING LLC.

- More than 150 Traffic Signal Linked to SCATS

2013

TRAFFIC TECH
www.traffic-tech.com
تقنيات المرور الأمنية ذ.م.م.
TRAFFIC TECH SECURITY W.L.L.

- Pioneered the Implementation of EVPS

2004

- Qatar's 1st Payment System for Parking
- Doha International Airport, (PMS, ANPR & Security System)

2008

SIGMA METAL INDUSTRIES W.L.L.
سيجما للأعمال المعدنية ذ.م.م.

- 1st CCTV system - Al Jazeera Network

2011

- 1st Centralized Car Parking Management System in Doha UDC Pearl Qatar (CCTV & PMS)
- First ITS Project in Doha Expressway P7 (ITS & TS)

2012

- First SCATS System in Doha Traffic Signal Operation & Maintenance in Doha (TS)



Mega E&M Trading & Contracting

Qatar/ established in 2010 TTG's electromechanical contracting arm in Qatar. Mega E&M provides street and area lighting services and general electrical and mechanical works for the industrial and commercial sectors.



Traffic Tech for Security Systems

Qatar/ established in 2013
Ministry of Interior approved CCTV and other Security Systems providers in Qatar.



Traffic Tech Security W.L.L.

Saudi Arabia / established in 2023
key source of integrated systems in traffic management, intelligent transportation, parking management systems, electric vehicle charging station, security, communications, and truck weigh stations across Saudi Arabia.

2014

- Most Prestigious and Largest ITS project of Qatar
- Lusail Expressway Project (ITS & Traffic Signal)

2018-2019

- ITS and Traffic Signal
- E-Ring Road
- Al Bustan Street
- Al Khufoos Street
- A-Ring Road
- Al Wakrah Main Rd.
- EVPS for HMC Ambulance
- World Cup FIFA 2022 Al Thumama Stadium
- Qatar's 1st and only Outdoor Spectator

2020-2023

- City Center Mall Smart Car Park using Ticketless & Cardless System
- RLIC Traffic Signal Maintenance
- RIW in Southern Area
- EVPS at RLIC & MIC Lusail City
- Centralized Traffic Management System

TODAY

- **23 Year's** Experience In Qatar
- Over **QAR 1,7 Billion** Worth Of Large Scale Projects
- Operation with **5 Offices**
- **500** Highly Qualified Employees
- **70** Cross Disciplined Engineers
- **ISO Certified** – QMS, OHSMS and EMS

2015

- Qatar's largest underground Car Parking System Msheireb Underground Car Park

Access Reader and Turnstile Equipment - Al Thumama Stadium FIFA 2022

- ANPR System - TAALA (MOI)

- Qatar's First EV Charging Station using Mobile App Payment & Cash Payment
- CCTV Security System

2016

- Integration of Traffic Signal to Tram of Msheireb.

2023



تقنيات المرور الآمنة ذ.م.م.
TRAFFIC TECH SECURITY W.L.L.
Saudi Arabia

"We have executed numerous projects in the GCC countries"



We have executed numerous projects in Qatar, UAE, Kuwait, Saudi Arabia, Oman and Bahrain. Committed to strengthen our presence, we will continue to expand our operations throughout the region to support increasing market needs.

Traffic Tech employs over 500 highly qualified employees including 70 engineers equipped with solid experiences in the fields of traffic management, intelligent transportation systems, parking management, and security systems among others.

As the market leader, we will continue to take part in infrastructure development, bridging gaps, for safer transport systems ahead.

Sustainability is embedded in our operating philosophies. Day-to-day carbon emission of vehicles on the road drives us in our continuing pursuit to implement traffic and transportation systems that alleviate traffic congestion and reduce vehicle idle times.

OUR MISSION

Traffic Tech will be a key partner in upholding safe and optimised operations in transport systems throughout the Middle East. Our products and services will address customised needs in traffic management, intelligent transportation systems, truck weigh stations, parking management, security and communications systems.

Our financial stability will sustain the confidence of all our stake holders including our customers, partners, shareholders, and employees.



OUR CORE STRATEGIES

Continue to expand our technical expertise with specialised applications by selecting the latest and most appropriate technologies for the Middle East region and by establishing permanent relationships with the relevant suppliers.

Take a systems integration approach and offer turnkey solutions to our customers.

Provide professional design, installation and after sales service through our highly qualified, well trained and equipped staff.



OUR COMMITMENT

To build a foundation for sustained growth through results oriented people empowered to execute Traffic Tech's growth strategies. Our employees are entrusted to consistently do their jobs with high ethical standards; to maintain the company's credibility to its customers and business partners; and to work as a team with trust and confidence amongst their colleagues, superiors, and subordinates.



Quality, Health, Safety and Environment

ISO 9001 - ISO 14001
ISO 45001
BUREAU VERITAS
Certification



Quality, Health, Safety and Environment are important aspects of our business operation.

Our IMS Policy drives day-to-day operations. It applies to all employees in the workplace and is an important aspect of our business. Complying with this policy is a shared responsibility of all employees as well as interested parties working on behalf of Traffic Tech (Gulf).

Traffic Tech's is committed to maintaining high health, safety and environment standards that warrant safe, secured and injury-free work environment for employees, contractors, and the general public.

PRODUCTS & SERVICES



"The winning formula to our success"

Traffic Tech represents a select group of manufactures, and is well equipped and qualified to handle small to large scale projects. The winning formula to our success is our capability to integrate systems and deliver customised solutions.

TRAFFIC TECH'S RANGE OF COMPLETE SOLUTIONS:

- Traffic Signals & Urban Traffic Control (UTC) Systems
- Intelligent Transportation Systems (ITS)
- Traffic Monitoring, Surveillance, & Law Enforcement Systems
- Weigh In Motion (WIM) & Truck Weigh Stations
- Parking Management Systems
- Security Systems
- Automatic Number Plate Recognition (ANPR) System
- Communications Systems
- Traffic Signs, Directional Signs, & Sign Structures
- Traffic Safety Equipment & Work Zone Safety Products
- Airport, Railroad, & Sea Port Systems
- Electrical & Mechanical Services

CONSULTING SERVICES:

- Optimization/Design of Urban Traffic Control (UTC) Systems
- Traffic Surveys and Data Collection
- Traffic Studies & Design
- Other Traffic Engineering Related Consulting Services

OTHER SERVICES:

- Operation & Maintenance of Systems
- Rental of Work Zone Safety Equipment

Specialised in signal installations, intersection design, signal analysis and design, and complete urban traffic control systems, Traffic Tech's extensive traffic engineering experience delivers turn-key solutions in urban traffic control systems.



OUR RANGE OF PRODUCTS INCLUDE:

- SCATS® Adaptive Urban Traffic Control (UTC) System
- Traffic Signal Controllers
- Traffic Signal Heads
- Vehicle & Pedestrian Detectors (in & above ground)
- Traffic Signal Poles & Gantries
- Control Room Equipment
- Road / Railroad Crossing Control Equipment
- VIP & Emergency Vehicle Preemption Systems
- Bus & LRT Priority Systems
- Intelligent Pedestrian Crossing Solutions
- School Zone Traffic Safety Solutions
- Airport Signaling



"Advanced traffic signal controllers"

Using advanced traffic signal controllers, Traffic Tech configure road intersections with either actuated or adaptive operation. With loop detectors or video detection systems, traffic signal operation at intersections are optimised to achieve safe and efficient traffic flow.



“Traffic Tech can optimise traffic flow on multiple junctions”

As experts in traffic control, Traffic Tech can optimise traffic flow on multiple junctions with control systems that adjust signal timings in response to variations in traffic demand.

SYDNEY COORDINATED ADAPTIVE TRAFFIC SYSTEM (SCATS®)

The Sydney Coordinated Adaptive Traffic System (SCATS®) is a traffic management system that is used to link multiple traffic signal controllers together to reduce travel times and fuel consumption. SCATS® is the most advanced and widely used, fully adaptive Urban Traffic Control (UTC) system available in the world today.

Developed by the Roads & Maritime Services (previously RTA) in Australia, the capabilities of this system have been tested on actual traffic conditions, making it highly reliable in addressing real needs in traffic control.



FEATURES AND BENEFITS OF SCATS®:

- Provides road users with reductions in the number of stops, reduced travel times, and significant fuel savings.
- Detects real time changes in traffic flow and adjusts timing parameters constantly to match changing traffic patterns and achieve optimised operation.
- User friendly Graphical User Interface (GUI) that allows for easy operation.
- Hierarchical structure of signal control facilitates a “modular” approach to system expansion.
- Can be upgraded or expanded to meet changing requirements.
- Other applications can be integrated into the system.
- Provides details/reports of traffic flows for other planning purposes.
- SCATS® enables a hierarchical system of fall back operation in the event of temporary communications failure. Such equipment faults are monitored by the system.

In order to deliver Intelligent Transportation Systems (ITS) that improve safety, efficiency, minimise travel times, fuel consumption and carbon footprint of traffic and transport systems, Traffic Tech provides a seamless integration of information and communications technologies into a unified integrated system.

Comprehensive ITS expertise allows the company to offer clients a full range of ITS services including audit, improvement, planning, design, deployment, installation, operation and maintenance of entire systems.

A team of more than 70 highly qualified engineers from all ITS related disciplines (Civil / Traffic, Electrical, Electronics, Electro-Mechanical, IT and Communications) provide our clients the most appropriate customised ITS solutions to any of their ITS related requirements.

TRAFFIC TECH TAKES PRIDE IN PIONEERING ITS SERVICES IN THE REGION INCLUDING:

- Urban Traffic Control Systems
- Freeway Management Systems
- Tunnel Management Systems
- Traveler Information Systems
- Bridge Management Systems
- Toll Management Systems
- Mobile ITS System for Work Zones

SOME OF THE SYSTEMS THAT WE INTEGRATE ARE AS FOLLOWS:

- Adaptive Traffic Signal Systems
- Traffic Data Collection Stations
- CCTV & 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 experience is your advantage "



DESIGN - BUILD EXPERTISE

Leverage on Traffic Tech's wealth of experience, engineering resources, and established partnership with leading OEMs, to execute your Design-Build requirements. Save your time and resources, and be assured that you'll get a complete system by merely providing functional specifications of your ITS projects.

We are here to partner with you in implementing your ITS projects with Design-Build approach. We have successfully implemented large scale ITS projects in the Gulf region using this approach including:



- Qatar E-Ring Road – North/South Link (P008-C2)
- Al Bustan Street South Project (P007 C5 P1)
- Lusail Expressway Project (P003)
- RAAR Tunnel Management System
- Salwa Highway ITS / Truck Weigh Stations
- Doha Urban Traffic Control System
- Duhail Interchange OVDS





Traffic Tech possesses extensive experience in most available traffic detection technologies and their applications in the traffic monitoring, surveillance & law enforcement fields.

OUR RANGE OF EQUIPMENT INCLUDE:

- CCTV Surveillance
- Incident Detection Systems
- Speed Detection Systems
- Red Light Violation Cameras
- Over-Height Vehicle Detection Systems (OVDS)
- Truck Weigh Stations
- Automatic Number Plate Recognition (ANPR)
- Fleet Management Systems
- Public Transport Management Systems
- Digital In-Car Video System for Police Applications
- Inductive Loop Testing / Finding Equipment
- Preformed Inductive Detector Loops
- Video Detection Systems
- Vehicle License Plate Manufacturing Equipment & Materials
- Police Equipment



WEIGH IN MOTION (WIM) & TRUCK WEIGH STATIONS

Traffic Tech offers professional design, systems integration, installation, calibration, and operation of essential ITS technologies, including Weigh-In-Motion (WIM) and Truck Weigh Stations, which uniquely support Commercial Vehicle Operations (CVO). Completing our range, we also offer portable truck scales and other weighing equipment used at airports, railways, seaports and other commercial & industrial applications.

Traffic Tech installed and currently operates eleven (11) Truck Weigh Stations in the State of Qatar, and with twelve (12) more under contract. We also operate other Portable Axle Load Scales around the Gulf region.

In addition, more than one hundred fifty Truck Scales and Portable Scales supplied by Traffic Tech are installed at ports, free zones and industrial areas throughout the region.

OUR RANGE OF EQUIPMENT INCLUDE:

- Truck Weigh Stations
- Weigh-In-Motion (WIM) Scales
- Axle Load Scales
- Truck Scales (Weighbridges)
- Over-Height Vehicle Detection Systems (OVDS)
- Railroad Track Scales
- Airport Check-in Conveyor Scales
- Batching Systems, Conveyor Belt Scales & Bench Scales



OTHER SERVICES:

- Axle Load Surveys
- Calibration Services

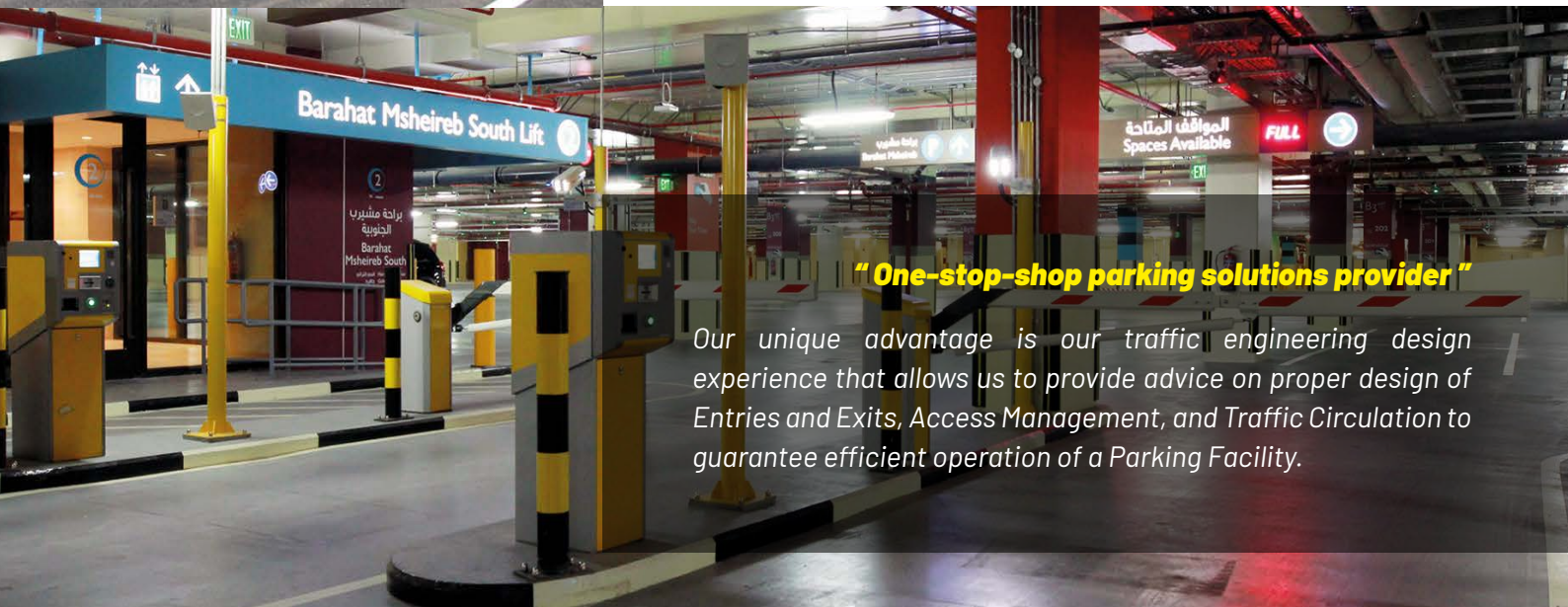




Traffic Tech is a one-stop-shop parking solutions provider offering end-to-end services from design, supply, systems integration, installation, and commissioning, to operation and maintenance. We have executed large scale parking management system projects in the region with over 52,000 parking slots in total.

WE OFFER WIDE RANGE OF PARKING MANAGEMENT SOLUTIONS INCLUDING:

- Car Park Equipment & Management Systems
- Parking Guidance Systems with Find My Car Solution
- Electric Vehicle (EV) Charging System
- Valet Parking System - Smart ValetTM
- On Street Parking Control Systems
 - Parking meters and pay & display
- Integration of access control and security features such as
- Automatic Number Plate Recognition (ANPR), Radio Frequency
- Identification (RFID), CCTV Surveillance, and others.
- Traffic Barriers
- Electro-mechanical / Hydraulic / Manual Bollards
- LED Lighting Systems
- Signage of Parking Areas
- Operation and Maintenance



"One-stop-shop parking solutions provider"

Our unique advantage is our traffic engineering design experience that allows us to provide advice on proper design of Entries and Exits, Access Management, and Traffic Circulation to guarantee efficient operation of a Parking Facility.

COMMUNICATIONS SYSTEMS



With Traffic Tech's years of experience in utilizing diverse methods of transmitting data to execute integration of various equipment, we have developed expertise in selecting suitable communications system components that comply with demanding factors such as data capacity, transmission speed, environmental conditions and connection flexibility/adaptability.

Our in-house capability to design, supply and install communications systems in our projects is our unique advantage in providing complete solutions in Traffic & ITS, Parking, and Security Systems.

FIBER OPTIC SYSTEM

Traffic Tech offers equipment supply and installation of Fiber Optic System. Ideal for applications requiring high speed and capacity data transmission, this technology can be used to establish communication between various components within a system.

DATA CENTERS & CONTROL ROOM

Completing the range, Traffic Tech also offers design, installation, and commissioning of Data Centers and Control Rooms.



WIRELESS SYSTEM

Products and Services:

- Supply, Design & Installation of Wireless Systems
- Point to Point or Point to Multipoint Systems
- Point to Point Ethernet Bridge

Applications:

- Intelligent Transportation Systems (ITS)
- Security and surveillance
- Voice and data backhaul
- Last mile access

OTHER RELATED SERVICES INCLUDE:

- Design Services for Complete Fiber Optic System
- Splicing Services – can be performed under harsh / rural environment
- Testing & Reporting Services

With state-of-the-art technologies in access control, surveillance, and a diverse range of communications systems that enables systems integration over IP networks, Traffic Tech deliver complete security solutions for businesses, government establishments, and traffic & transport systems.

*Our subsidiary company, **Traffic Tech for Security Systems**, is an approved contractor of the Qatar Ministry of Interior (Moi).*

WE OFFER A WIDE RANGE OF SECURITY SYSTEMS THAT INCLUDES:

• Access Control Systems

- Network / Stand Alone Access Control Systems
- Radio Frequency Identification (RFID) Systems
- Biometric Finger Print Systems
- Speed Gates, Turnstiles, and Revolving Doors
- High Security / Anti Terrorist Access Control Systems

• Closed Circuit Television (CCTV) Systems

- Digital Video over IP Networks
- Remote Video over ISDN & GPRS
- Conventional Analog Video
- Digital In-Car Video System for Police Applications
- Smart Eye - Portable pan-tilt-zoom camera system

• High Security/Anti-Terrorist Access Control Systems

- Road Blockers, Bollards
- Under Vehicle Surveillance System

• Automatic Number Plate Recognition (ANPR)

- SmartANPR™ & SmartPARK™

• Automatic Container Code Recognition System (ACCR)



"Bringing advanced technology closer"

Bringing advanced technology closer, Traffic Tech developed solutions that evolved conventional methods in security systems to a more automated and multi-functional access control system.



AUTOMATIC NUMBER PLATE RECOGNITION (ANPR) SYSTEM

Automatic Number Plate Recognition (ANPR) is a technology that provides automated access on number plate contents, extracting numbers and alphabets within a fraction of a second, and converts it to a computer recognizable format.

The system is comprised of key components such as ANPR software, cameras, triggering devices (induction loops, etc), management software, and data base.

Traffic Tech was the first to develop ANPR Systems for reading Arabic number plates and characters.



TRAFFIC TECH SMARTANPR SOLUTIONS

With years of experience in systems integration, we have developed SmartANPR solutions that can be used for various access control and security applications.

TWO KEY CONFIGURATIONS OF SMART ANPR:

Free Flow Mode – Captures vehicle information that can be used for various applications such as:

- Monitoring of vehicle log on secure areas
- Highway security surveillance
- 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.

Parking Mode – Vehicle access control solution specially designed for paid parking lot and secured parking. This system may form part of an Integrated Parking Management System.



Traffic Tech offers traffic signs, directional signs, sign structures and other steel fabrication services. Products under this range are manufactured by **Sigma Metal Industries (SMI)**.

SMI is an authorized 3M converter of reflective material for traffic signs.

OVERHEAD HIGHWAY SIGNS

- Static Traffic Signs
- Dynamic Traffic Signs

SIGN STRUCTURES

- Hot-dip Galvanized Steel Structures
- Anonized Aluminum Structures



DIRECTIONAL SIGNS



Way Finding System



Directory Signs



Ceiling Mounted Signs



Urban Directional Signs

TRAFFIC SAFETY EQUIPMENT & WORK ZONE SAFETY PRODUCTS

TRAFFIC TECH SUPPLIES AND STOCKS 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/Portable Traffic Signals
- Speed Radar Guns
- Speed Humps
- Traffic Bollards & Reflective Delineators
- Reflectometers for testing of road markings & signs
- Reflective Road Studs
- Solar Powered flashers for road & aviation safety
- Hazard Warning Lamps
- Rotating Beacons, Strobes & Lightbars
- Traffic Mirrors
- School Flashers
- Traffic Cones



Traffic Tech offers unrivalled experience in all facets of data collection for Transportation Planning and Traffic Engineering. We have vast experience in planning and undertaking surveys of varying magnitude with changing priorities and possesses adequate technical resources to address any scale of traffic survey projects.



TRAFFIC TECH PROVIDES PROFESSIONAL SERVICES IN THE FOLLOWING SPECIALISED AREAS:

- Traffic Surveys & Data Collection
- Traffic Signal Analysis and Design
- Setup & Optimization of SCATS® Urban Traffic Control (UTC) Systems
- Design of Intelligent Transportation System (ITS)
- Evaluation and Recommendation of Appropriate Technologies in the Field of Traffic Monitoring, Control, and Safety
- Traffic Management in Work Zone Areas
- Traffic Impact Studies (TIS)
- Parking Design Audits

TRAFFIC DATA COLLECTION

Traffic Tech is an approved service provider in the field of traffic data collection. For over two decades, we have carried out various types of surveys including:

- Video Surveys and Analysis
- Automatic Traffic Counts
- Manual Turning Movement Counts
- Vehicle Classification Surveys
- Axle Load Surveys
- Parking Studies
- Pedestrian / Cyclist Surveys
- Speed Surveys
- Journey Time Surveys
- Queue Length Surveys
- Origin-Destination Surveys
- Trip Generation Surveys

“ Employs full time staff to carry out field surveys ”

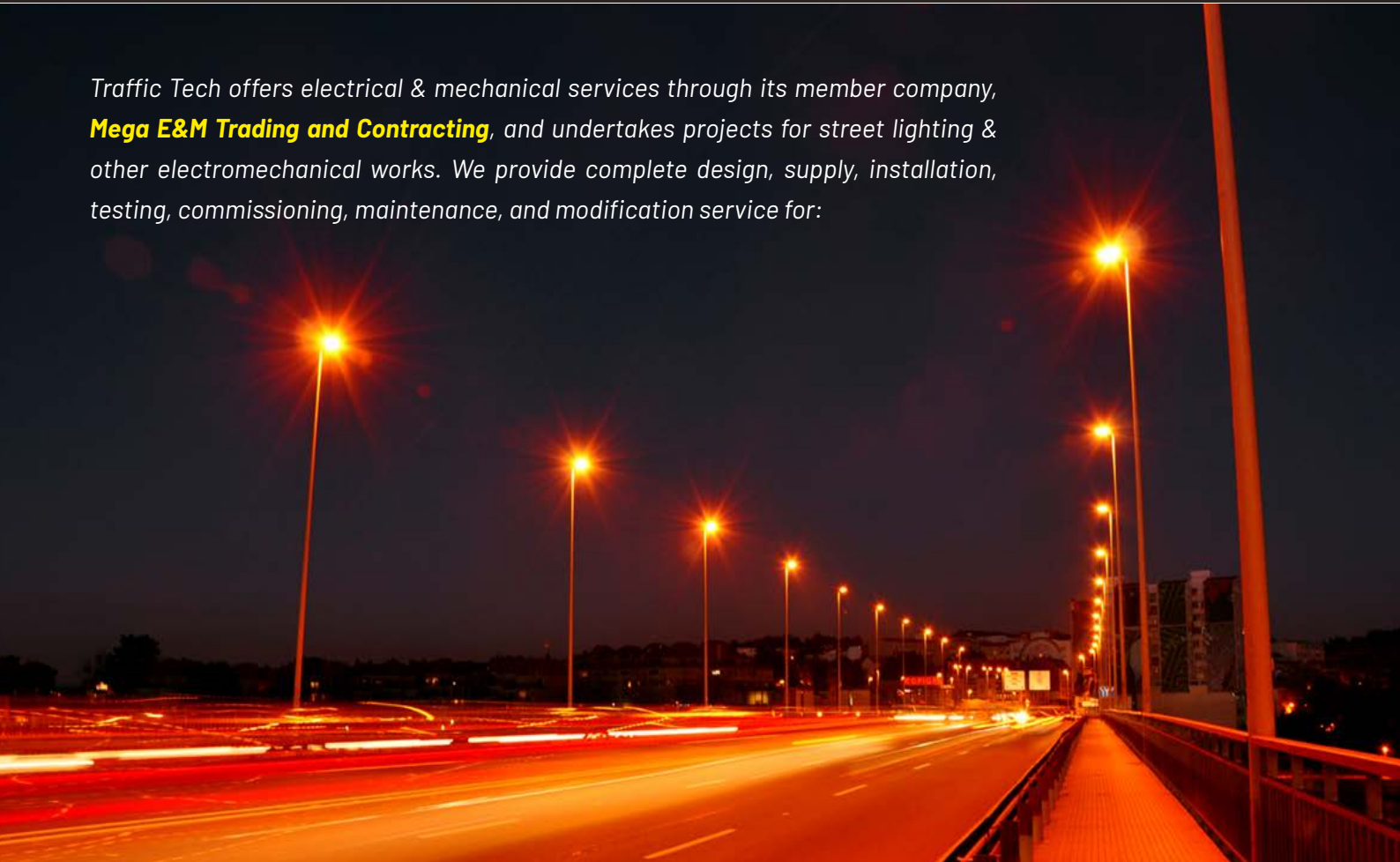


Traffic Tech employs full time staff to carry out field surveys, while engineers/analysts process the data. We own a wide range of traffic data collection equipment such as video cameras with software for data reduction, video camera with image processing, automatic traffic recorders, speed radars, axle load scales & software applications to guarantee reliable and accurate data collection.

SOME OF THE BIGGEST NAMES IN THE INDUSTRY AROUND THE REGION TAP ON TRAFFIC TECH'S RESOURCES AND EXPERTISE TO PROVIDE THEM WITH DATA COLLECTION AND RELATED SERVICES. AMONGST THEM ARE:

- Ministry of Transport & Communications - Qatar
- CDM Smith Co. - Qatar
- Qatar Petroleum - Qatar
- QMedia - Qatar
- Parsons - Qatar, Bahrain & Saudi Arabia
- Atkins - Qatar & Bahrain
- Public Works Authority (PWA) - Qatar
- Ministry of Municipality & Urban Planning - Qatar
- Hyder - Qatar & Bahrain
- Dar Al Handasa - Qatar
- Private Engineering Office - Qatar
- Arab Engineering Bureau (AEB) - Qatar
- Technital - Qatar
- CH2M - Saudi Arabia
- Khatib & Alami - Qatar
- ARUP - Qatar
- AECOM - Qatar
- PTV - Qatar
- KEO Consultants - Qatar
- Halcrow - Qatar
- GHD - Qatar
- TraffiConsult - Qatar
- Scott Wilson Ltd. - UAE
- URS Corporation - Qatar
- Conser Consulting Engineers - Qatar
- Department of Transport (DoT) - Abu Dhabi
- Italconsult - Qatar
- PL Engineering - Qatar
- Pell Frischmann Consulting Engineers - UAE
- Duffy Consulting Engineers - Qatar
- Seero Engineering Consulting - Qatar

Traffic Tech offers electrical & mechanical services through its member company, **Mega E&M Trading and Contracting**, and undertakes projects for street lighting & other electromechanical works. We provide complete design, supply, installation, testing, commissioning, maintenance, and modification service for:



EXTERNAL LIGHTING

- Highway and street lighting
- High masts
- Car parks
- Local amenity and town center applications
- Illuminated traffic signs
- Tunnel lighting



LOW VOLTAGE POWER NETWORKS SERVICING (FOR ALL TYPES OF EXTERNAL LIGHTING)

- Excavation
- Road crossing
- Cable installation
- Jointing and termination
- Feeder pillars installation
- Earthing



AIRPORT, RAILROAD, & SEAPORT SYSTEMS



AIRPORT SYSTEMS

- Airfield Lighting Systems
- Heliport Perimeter & Floodlight Systems.
- Aviation Obstruction Lights (AC, DC & Solar Powered)
- Flight Information Display Systems (FIDS)
- Baggage and Cargo Handling Systems
- Airport Security Systems
- Airport Parking Management Systems

RAILROAD SYSTEMS

- Railway Signaling Systems
- Railway/Road Crossing Control Systems (Level Crossings)
- Automatic Fare Collection System for Public Transport

SEAPORT SYSTEMS

- Vessel Tracking System (VTS)
- Port Security Systems
- Port Traffic Management
- Truck Scale Systems
- Automatic Container Code Recognition System (ACCR)



OPERATION & MAINTENANCE OF SYSTEMS

Traffic Tech offers full system operation & maintenance of:



ITS & Urban Traffic Control (UTC) Systems



Parking Management Systems



Truck Weigh Stations



Security Systems

RENTAL OF WORK ZONE SAFETY EQUIPMENT

Traffic Tech also offers rental of work zone safety products including:



Solar Arrow Panels & Solar Variable Message Boards



تقنيات المرور هي مجموعة شركات متخصصة في حلول الأنظمة المتكاملة في مجال إدارة المرور وأنظمة النقل الذكية (ITS)، أنظمة مواقف السيارات، أنظمة الأمن والاتصالات ومحطات وزن الشاحنات.

تأسست المجموعة عام ٢٠٠٠، ومع تراكم الخبرة عبر أكثر من ربع قرن، فقد تمكنت المجموعة من تلبية احتياجات عملائها من خلال استخدام أحدث التقنيات المتوفرة عالمياً. كما تمكنت من تطوير قدراتها الفنية في شتى المجالات الهندسية وذلك بواسطة مهندسين وفنيين مختصين، مما ساعد على اكتسابها دوراً ريادياً في مجالات تخصصها المتعددة في أنحاء الشرق الأوسط عموماً ومنطقة الخليج العربي خصوصاً.

تتكوّن المجموعة من أربعة شركات متخصصة في مجالات عدة أهمها: إدارة ومراقبة المرور، أنظمة مواقف السيارات، أنظمة التحكم بالدخول، مواد السلامة المرورية وموازين الشاحنات:

- **تقنيات المرور (الخليج)** – تأسست عام ٢٠٠٠ في الدوحة – قطر حيث يشمل نشاط الشركة منطقة الخليج العربي: قطر – الإمارات – الكويت – البحرين – السعودية – عُمان واليمن. وهي شركة مقاولات مرخصة من قبل هيئة الاشغال العامة في مجالات إشارات المرور الضوئية وأعمال المرور كافة و التعداد المروري. كما أنها عضو في مجموعة شركات السليمان المتخصصة في التجارة والمقاولات، وفي مجال النفط والغاز.

- **سيجما للأعمال المعدنية** – تأسست عام ٢٠٠٨ في الدوحة – قطر كشركة تابعة ومملوكة بالكامل لشركة تقنيات المرور (الخليج) كذراع تصنيعي للمجموعة مع قدرات تصنيع لمجموعة واسعة من المنتجات بما في ذلك إشارات المرور واللوحات الإرشادية، المقطورات والكبائن الكهربائية.

- **ميجا إي أند إم للتجارة والمقاولات** – تأسست عام ٢٠١٠ في الدوحة - قطر كذراع لتقنيات المرور في مجال إنارة الطرق ومقاولات الإلكترونيات الميكانيكية للقطاعات الصناعية والتجارية.

- **تقنيات المرور للأنظمة الامنية** – انشأت في قطر عام ٢٠١٣، الشركة مرخص لها من وزارة الداخلية كمزود معتمد للأنظمة الأمنية و الدوائر التلفزيونية المغلقة (CCTV) في قطر.

- **تقنيات المرور الأمنية- المملكة العربية السعودية** – تأسست شركة تقنيات المرور الأمنية عام ٢٠٢٣، كمزود رئيسي للأنظمة المتكاملة في إدارة حركة المرور، والنقل الذكي، وإدارة مواقف السيارات، ومحطات شحن السيارات الكهربائية، والأمن والاتصالات، ومحطات وزن الشاحنات في جميع أنحاء المملكة العربية السعودية.

• هدف الشركة :

أن تكون مصدر متكامل في منطقة الشرق الأوسط لأنظمة المراقبة والتحكم بالمرور والسلامة المرورية بالإضافة لحلول أنظمة النقل الذكية (ITS Solutions) ومعدات الأمن والإتصالات والموازين الالكترونية الصناعية وأنظمة مواقف السيارات.

• استراتيجية الشركة:

- الاستمرار في توسيع نطاق خبراتنا التقنية من خلال اختيار أحدث التقنيات وأكثرها ملاءمة لمنطقة الشرق الأوسط والخليج العربي وإقامة علاقات دائمة مع الشركات المصنعة ذات الصلة.
- اعتماد أسلوب تصميم الأنظمة المتكاملة (System Integration) و تقديم أنسب الحلول الهندسية من حيث الكفاءة و الجودة.
- توفير الخدمات الفنية والهندسية اللازمة من تصميم، توريد، تركيب، تدريب، برمجة وخدمات ما بعد البيع لربائنا وذلك من خلال كادر الشركة المؤهل فنياً والمزود بأفضل الوسائل اللازمة لسرعة وضمان خدمة العملاء.

• المنتجات والخدمات التي تقدمها الشركة :

يعود نجاح الشركة إلى علاقتها الوثيقة والتميزة مع الشركات المصنعة، وإلى قدرتها العالية على فهم متطلبات العميل وإيجاد الحلول المتكاملة مضمونة النتائج.

فيما يلي قائمة ببعض المعدات والخدمات التي تقدمها الشركة:

١. الإشارات الضوئية و أنظمة التحكم المركزي.
٢. أنظمة النقل الذكية (ITS).
٣. أنظمة مراقبة المرور.
٤. قبانات ومحطات توزيع الشاحنات و الموازين الصناعية.
٥. معدات وأنظمة مواقف السيارات.
٦. أنظمة أمنية، دوائر تلفزيونية مغلقة (CCTV)، أنظمة التحكم بالمداخل وأنظمة قراءة لوحات السيارات اتوماتيكياً (ANPR).
٧. أنظمة الإتصالات من ألياف بصرية وأنظمة اتصال لاسلكية.
٨. اللوحات المرورية والإرشادية.
٩. تجهيزات السلامة العامة على الطرق وفي مواقع العمل.
١٠. أنظمة المطارات والموانئ والسكك الحديدية.
١١. الاستشارات الفنية في مجال هندسة المرور وجمع وتحليل المعلومات المرورية.
١٢. إنارة الشوارع والاعمال الكهربائية والميكانيكية .
١٣. وخدمات أخرى: كتشغيل أنظمة النقل الذكية (ITS)، تشغيل أنظمة التحكم المركزي، تشغيل أنظمة مواقف السيارات وتشغيل قبانات الشاحنات و الموازين الصناعية...



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