CCTV & COMMUNICATIONS SYSTEMS

ENGINEERED SOLUTIONS WITHIN REACH

CCTV & Communications Systems

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).

TRAFFIC
TECH
www.traffic-tech.com

تقنيات المرور للأنظمة الأمنية
TRAFFIC TECH FOR SECURITY SYSTEMS

Take advantage of Traffic Tech's Strength and Experience:

- Expertise in design and systems integration backed by quarter of a century of experience.
- Employs more than 70 highly qualified cross disciplined engineers.
- Implemented large scale security system projects in various types of establishment and in traffic surveillance applications.
- Bosch certified partner. Our engineers are trained and certified in installation and systems integration of Bosch security system products.
- Equipped with in-house capability to supply, design, and install a wide range communications equipment that strengthens our systems integration scope.

We offer a wide range of CCTV & Communications Systems that includes:

- Closed Circuit Television (CCTV) Systems
  - Digital Video Over IP Network
  - Remote Video over ISDN & GPRS
  - Conventional Analog Video
  - Digital In-Car Video System for Police Applications
  - Smart Eye – Portable pan-till-zoom camera system
- Automatic Number Plate Recognition (ANPR) System
  - SmartANPR™ & SmartPARK™
- Automatic Container Code Recognition System (ACCR)
- Communications Systems
  - Fiber Optic System
  - Wireless System

Traffic Tech also designs, supplies, and installs complete surveillance control room systems.

CCTV SYSTEMS

Traffic Tech is MOI approved and provides leading edge surveillance technologies in traffic management , ITS, and security markets.

We offer a wide array of digital closed-circuit TV systems that are easy to operate and integrate with other security applications.

Smart Eye

The Smart Eye is a portable & automated pan-tilt - zoom camera system for displaying real time video or still images remotely.

Developed by Traffic Tech, this system uses solar powered trailers and wireless communications for maximum portability and mobility.

Smart Eye can be adapted to various applications such as:

- Work zone traffic management system
- Incident management
- Visual verification of on-site weather conditions
- Law enforcement & security applications

Features:

- Solar powered trailers for maximum portability and mobility.
- Integrates video over IP technology and state-of-the-art wireless communication LAN/WAN technologies.
- Integrated System: all components work as one system.
- Allows remote pan-tilt-zoom control of the camera.
- Can work as a stand alone system of can be integrated with other ITS systems.
- Fast & easy set-up. Can be installed on site by one person.

Video Over IP Camera
Surveillance Systems

Traffic Tech is a certified partner of Bosch Security Systems in the Middle East. Our engineers are trained and certified by Bosch and this enables us to integrate state-of-the-art IP based surveillance systems in a wide range of applications that include:

- Traffic monitoring & surveillance
- Parking facility surveillance
- Surveillance system for secured areas such as:
  - Banks, commercial buildings, airports, TV stations, universities, and more...

Traffic Tech has implemented dozens of large scale CCTV systems in the region.

COMMUNICATIONS SYSTEMS

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

Rugged IP Network

Traffic Tech design, supply, and install wired or wireless Rugged IP networks / Industrial Ethernet Switching for harsh environment applications.

Our engineers are trained to carry out splicing & switching of IP networks under these rugged conditions.

Fiber Optic Communications

Traffic Tech deploys fiber optic technology with projects that require high speed and capacity data transmission.

We cater to clients needs in...

- Design & Build of Complete Fiber Optic System
- Splicing Services
- Testing & Reporting Services

Wireless Communications

Traffic Tech has locally designed and built Mobile ITS systems used for Work Zone Traffic Management.

Through wireless communications system, field devices, including solar powered portable CCTV survailance and solar powered variable message signs, are linked to the system's control room.

Other applications of wireless communications system include:

- Intelligent Transportation Systems (ITS)
- Security & Surveillance System
- Voice & Data Backhaul
- Last Mile Access

Construction Site Monitoring

Hybrid CCTV Monitoring System

Traffic Tech "Smart Eye" construction site monitoring system is equipped with portable tower/trailer solution with wireless CCTV streaming. We offer wireless point to point solution, as well as 4G based solution for CCTV monitoring with edge and or cloud based recording with optimized solutions available for reduced bandwidth consumption.

Our hybrid solution, is equipped with a solar and diesel power generator for extended power backup.

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