



COMPANY PROFILE



About US



SET GROUP COMPANY was in Nonthaburi, we are leaders in electrical power and fiber networks. and employs who has more than 20 years' experience in technology and engineers



SET GROUP We are focuses on providing a wide range of cutting-edged software solutions and integrated hardware components for Toll Collection System, Traffic Management System, Weighing Station (WIM), Parking Management System and Prepaid Card System



centralw^{ORLD}



ธนาคารกรุงเทพ
Bangkok Bank

- With local expertise and cooperative support from our Global technical alliances SET Group company able to develop and customize our system to fit our clients needs.
- Our clients include Department of Highway (DOH), Expressway Authority of Thailand (EXAT), Bangkok Expressway and Metro Public Company Limited (BEM) Major Cineplex Group, Central Group and among others.
- Our aim is to provide reliable ready - to - use systems to our clients. In addition, SET Group company always conforms to latest technology and the industry standard through continuous research and development with our global strategic business partners

About US

Our Solution

- Intelligent Traffic Management System
- Static & Dynamic Weighing System
- License Plate Recognition System
- Automatic Classification System
- Advance Traffic Management System
- Multi-Lane Free Flow System (MLFF)
- Intelligent Traffic camera System
- Fiber Network Planning and Installation services
- Telecommunication Network Services Provider
- Image Processing Detector System
- Radio Communication System



Our Services

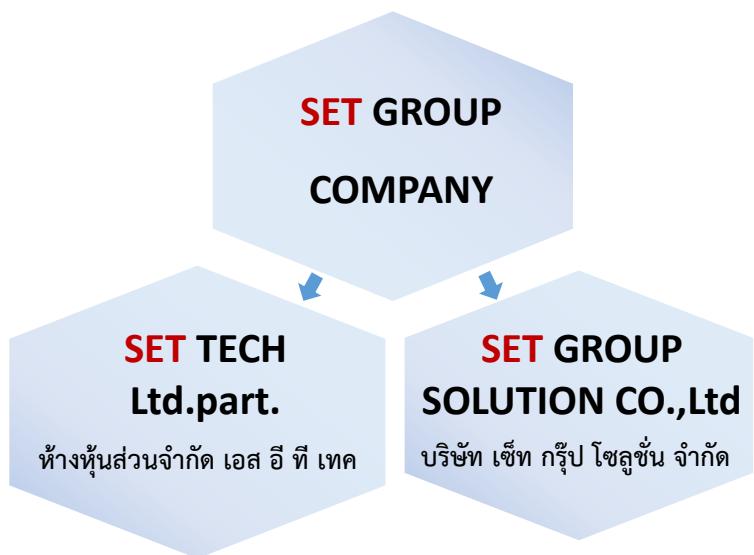
- IT Consulting Advising businesses on how best to use information technology to meet their business objectives. In addition to providing advice, IT consultancies often estimate, manage, implement, deploy, and administer IT systems on businesses.
- System Integration Service Bringing together the component subsystems into one system and ensuring that the subsystems function together as a system.
- Systems integration solutions can help your enterprise get stronger business results, respond to market changes and transform services.

Other Services

- Installation and Commissioning
- Maintenance Service
- Software Customization Services
- Business Intelligence / Data Warehouse
- Smart Card Technology
- Complete IP Video Security Solutions



About US



Since its founding, **SET GROUP** has grown continually and diversified into two core businesses, namely **SET GROUP SOLUTION CO.,Ltd** and **SET TECH LIMITED PARTNERSHIP**



SET TECH.

Contact Us

Address :

62/174 Moo 3, Soi Prasertislam 6th
Tiwanon Rd., Bangtalad, Pakkret,
Nonthaburi 11120

Tel. : 0-2960-3971-3

Fax : 0-2960-3946

Website : www.setgroupsolution.com

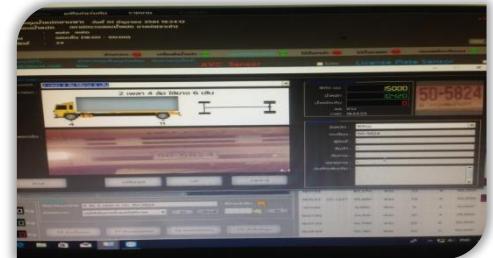


Job Description



Automatic Axle Distance Measure System (King Pin)

- Automatic distance measuring between wheels and axles



Automatic Classification System

- Axle detection, counting number of wheels/axle, measure distance between trailer for detect towed trucks and semi-trailers as required by law



Advance Traffic Management System

- Advanced Traffic Management system is an integrated solution to manage highway traffic through real time information collection, processing, analysis and finally dissemination to the users, concerned agencies and stake holders. To ensure round the clock safety, it is of prime importance to provide real time and precise information to users about the road condition, traffic situations, incidents and weather conditions on the highway. It is also important to make interventions for smooth, safe and efficient traffic movement by providing rescue and relief to the users to avoid distress.

Job Description



Intelligent Traffic camera System

- Intelligent Traffic camera is packed with AI algorithms, high-performing hardware and robust structure to lead the way towards intelligence, ensuring road safety and intelligent traffic management anytime, anywhere.

IP Telephone Solutions

- IP telephony offers a range of benefits over a conventional phone system, notably the absence of call charges, an enhanced feature set (particularly for business applications), and the versatility to work on a wide range of devices. VoIP is a mature technology, and the transition from conventional telephony to an IP-based system is usually straightforward and relatively simple to implement.



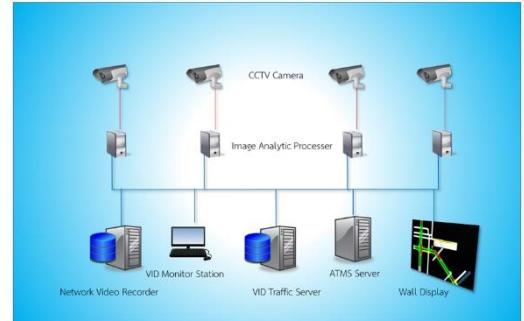
License Plate Recognition System

- License plate recognition involves capturing photographic video or images of license plates, whereby they are processed by a series of algorithms that are able to provide an alpha numeric conversion of the captured license plate images into a text entry.

Job Description

Image Processing Detector System

- The frequent traffic jams at major intersections call for an effective management system. Implementing a smart traffic controller using real-time image processing. The sequence of the camera is analyzed using different edge detection algorithms and object counting methods.



Emergency Telephone System

- The highway telephone is an emergency telephone specially set up beside the highway, which is specially designed to respond to calls from relevant staff when an accident occurs on the highway. Today, with the rapid development of the economy, more and more highways are being built. These highways often pass through remote places, and the setting of highway emergency telephones is very important.

Variable Message Sign

- Motorway variable message sign often used on motorway, are designed to deliver traffic information covering congestion report, accident report, temperature, lane control and limit speed sign, etc. It has been widely used in modern transportation system and it is becoming indispensable.



Job Description

Matrix Sign

- Matrix Sign is mainly designed to install on highway to control traffic, provide information and to secure danger spots on streets or in public areas. The patterns, such as text, arrows and signs are pre-programmed according to the customers needs.



Radio Communication System

- radio communication solutions are designed to improve the safety and efficiency of your teams. we have extensive experience in implementation Two-Way radio solutions in environments and operations that require seamless coordination and instant communication. From no-compromise police radios to sleek business handhelds, we have all the products and solutions you need to stay safe and connected



Power electrical backup solution

- We understand the frustrations experienced by our clients with the current instability of the national grid and the frequent load shedding which is set to become a daily reality on city link highway. This outlines some of our standard Backup Power Systems which will ensure that you are protected from the consequences of ongoing power outages and provide you with backup power when you need it.

Job Description

NTP Server



OR

GPS

GPS



Master Clock



Slave Clock 1



Slave Clock 2



Slave Clock 3



Clock System

- clock network or clock system is a set of synchronized clocks designed to always show exactly the same time by communicating with each other. Clock networks usually consist of a central master clock kept in sync with an official time source, and one or more slave clocks which receive and display the time from the master.

Fiber Network Planning and Installation Services

- For operators and end-users who are well-versed in this ever-evolving sphere fiber network design and implementation are a necessity. Operators are also facing tough challenges of fiber network design, such as limited visibility during construction and trouble scaling. That's why we have prepared a concise field guide on best practices and strategies to build networks better, faster, and cheaper.



true

CAT

TOT
TELECOM OF THAILAND

ht
nt

Telecommunication Network Services Provider

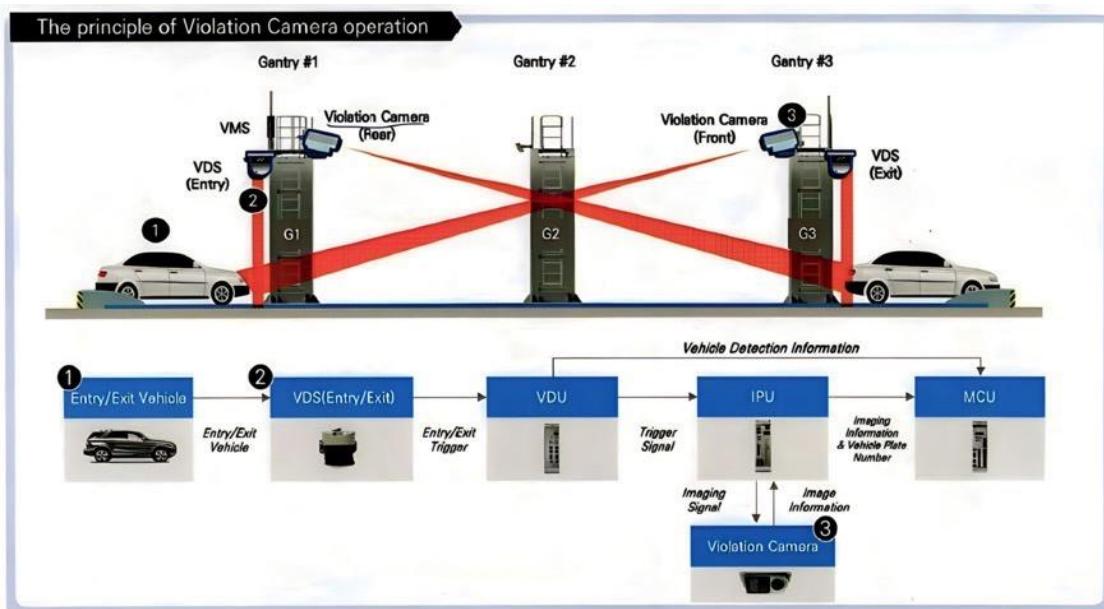
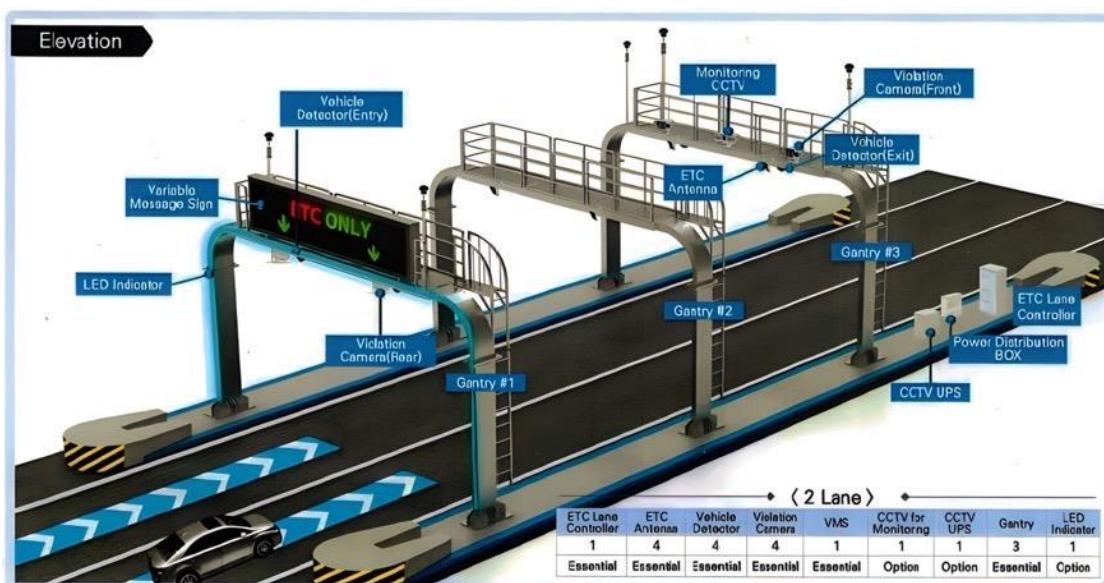
- Telecommunication & Network Services provides planning, development, implementation, and support of networking, data, video, cable and voice communications. Also ensures that the services provided are cost-effective, dependable, ubiquitous, and of the highest possible quality.

Job Description



Multi-Lane Free Flow System (MLFF)

- The multi-lane free flow (MLFF) is a system that allows free-flow high-speed tolling for all highway users. By implementing the MLFF system, traffic congestion at toll plazas can be reduced as the system allows free flow high speed toll system.



Project Reference



Motorway Route 7 Phase III Project



Motorway route 7 phase III is highway connect Bangkok, Chonburi, Laem Chabang Port and Pattaya city To U-Tapao International Airport.

Project Including

- toll collection system
- traffic management system
- Static Weighing Station
- Fiber communication
- electrical power network

Improve Thanyaburi Toll Plaza on Motorway Route 9 Project

Improve efficiency Thanyaburi toll plazas, increasing the number of toll collection lanes from 20 to 30 lanes and physical area, to support traffic volume.



Project Reference

Improve Thubchang Toll Plaza on Motorway Route 9 Project

Improve efficiency Thubchang toll plazas, increasing the number of toll collection lanes from 20 to 35 lanes and physical area, to support traffic volume. Including implement disaster recovery site (DR) for toll collection and payment system on Motorway Route 9



Motorway Route 7 Phase II Project



Motorway route 7 phase II is highway connect between Bangkok to Chonburi and Pattaya city together.

Project Including

- toll collection system
- traffic management system
- Static Weighing Station
- Fiber communication
- electrical power network



Project Reference



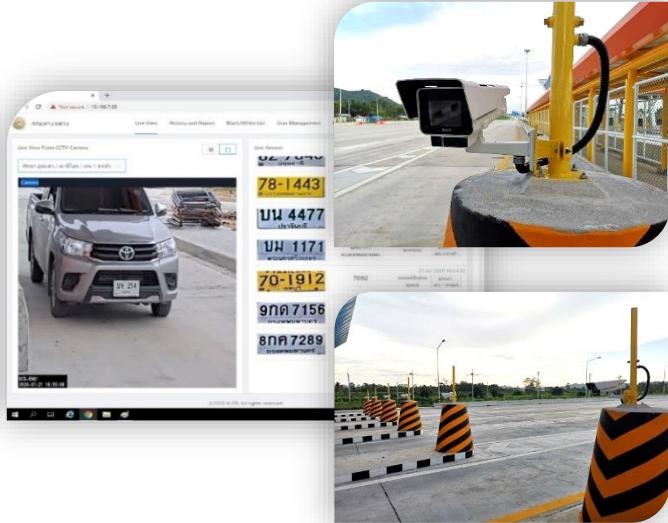
ATMS Advanced Traffic Management system

Is integrated solution to manage motorway route 7 & 9 by traffic real time information, processing, analysis and finally dissemination to the users, concerned agencies and stake holders, to ensure round the clock safety

Prime importance to provide real time and precise information to users about the road condition, traffic situations, incidents and weather conditions on the highway. It is also important to make interventions for smooth, safe and efficient traffic movement by providing rescue and relief to the users to avoid distress.



License Plate Recognition on Toll Gate



For heavy traffic highway roads, particularly in Bangkok delay at the toll booths is common scenario. There is a need of an intelligent system that will recognize the vehicle number plate which reduces the amount of time and efforts. Proposed system of toll automation technique using ANPR is designed to ensure a steady flow of traffic. ANPR algorithm based system proposes a methodology in which every vehicle owner will pay toll fee in government account if these vehicles are passing through the toll gates equipped with digital camera capturing image of vehicle number plate.

Project Reference



Intelligent Traffic Camera On Motorway

Route 7 & 9

Intelligent Traffic camera packed with AI algorithms, high-performing hardware and robust structure to lead the way towards intelligence, ensuring road safety and intelligent traffic management anytime, anywhere.



Variable Message Sign & Matrix Sign On Motorway Route 7 & 9

Motorway variable message sign often used on motorway, are designed to deliver traffic information covering congestion report, accident report, temperature, lane control and limit speed sign.



Emergency Telephone System

On Motorway Route 7 & 9

The highway telephone is an emergency telephone specially set up beside the highway, to respond to calls from vehicle driver and relevant staff when an accident occurs on motorway.



Project Reference



Power Electrical Backup Solution On Motorway Route 7

Backup Power Systems project consists of design, development, construction, integration, commissioning and testing and Through-Life-Support (TLS), which will ensure that motorway are protected from the consequences of ongoing power outages and provide with backup power when need it.



Weighing Station System on Highways

Provide total solution for Weighing Station on highways and motorway to prevent overloaded trucks cause damage to road



Fire Protection System For Toll building On Motorway Route 7

Fire protection system For toll building on motorway route 7, usually divided into 2 systems:

- (1) Systems that are provided in the fire alarm, including smoke detectors. Heat detection devices, etc., and
- (2) Systems for suppressing fires in buildings such as automatic fire sprinkler systems. fire hose fire extinguisher



Project Reference

Central Control Center For Vehicle Control Officers, Department of Highways

Provide Intelligent devices, operation software and video wall system for government agency monitor illegal traffic activities



Clock System for Motorway Route 7 & 9

A clock network or clock system is a set of synchronized clocks designed to always show exactly the same time by communicating with each other. Clock networks usually consist of a central master clock kept in sync with an official time source, and one or more slave clocks which receive and display the time from the master.



Fiber Network Installation On Motorway



Route 7 & 9

There are many components that make up a successful fiber optic installation. we specialize in multiple cable installation services such as fiber optic fusion splicing and fiber optic cable repair. We have certified fiber optic contractors that will ensure your business gets the reliability and speed of all kinds of internet tasks. Should your newly installed fiber optic cables get damaged in any way, our contractors can speedily repair all damages.



Project Reference



Electrical Power On Road Networks For Motorway Route 7 & 9

Roads are most popular method of transport Therefore it is vital that routes remain clear and in use to ensure motorists stay mobile and safe on the road. For every road, dual carriageway and motorway network there sits an intricate infrastructure of streetlights, helping to keep routes illuminated and drivers visible to one another. Therefore, constant power is vital to ensure users remain guided on their journey. Whether powering lighting networks on major motorways, or traffic light controls throughout residential areas, power distribution enclosures are the perfect solution that guard electrical components within, while protecting the public from the potentially dangerous currents they enclose

Digital Radio Network for Train Safety On East and Northeast lines

The Digital Train Radio System (DTRS) project consists of design, development, construction, integration, commissioning and testing and Through-Life-Support (TLS) of a GSM-R private communication network for train safety and control throughout Transport for East and Northeast (Chachoengsao - Kaeng Khoi Junction - Bua Yai Junction - Khlong Sip Kao Junction - Aranyaprathet) entire electrified rail network.



Project Reference



Base Station Installation

85 Sites mobile phone base stations installed



Security & Network For Bangkok Bank

Implement security & network for Bangkok Bank total 128 branches, project consists of design, construction, integration, commissioning and testing of private communication network



Train Tunnel Network & Equipment

Implement network & security inside the train tunnel, project consists of design, development, construction, integration, commissioning and testing of private communication network for train safety, controlled by



การรถไฟแห่งประเทศไทย

Project Reference



CAT Telecom Node Installation

CAT Telecom Node project consists of design, development, construction, integration, commissioning and testing of a GSM-R private communication network.



dtac Power Electrical Backup for Mobile Cell Site

Power Electrical Backup for dtac cell site project consists of design, development, construction, integration, commissioning and testing which will ensure that node are protected from the consequences of ongoing power outages and provide with backup power by battery when need it.



Power Electrical & Network For Nippon Paint

Install power electrical and communication network in Nippon Paint factory, project consists of design, construction, integration, commissioning and testing of power control & communication network,



Project Reference



Water Level Measuring In Pa Sak Basin

Water level and volume measuring overview by Non-Contact Flow Meter in Pa Sak Basin and related watersheds at Phetchabun Province, project consists of design, construction, integration, commissioning and testing



AIS Building Coverage Implementation

Millions of buildings around the world need to bring cellular signals inside. Midsized buildings, in particular, have been massively underserved. AIS Building Coverage project consists of design, construction, integration, commissioning and testing



One Stop Service Solution

The essence of "One-Stop Service" is the integration of services that is a new concept of modern marketing, which is a system sale different from the traditional sales. It not only provides product sales, but also provides relevant technical services, maintenance services, the use of training services, financial and insurance services and other services. The aim is to expand sales and add value from services. But from the customer's point of view, the results of its service has caused other competitors can not compete with. We develop for all.