

**PPK Technology Sdn. Bhd** (47508-D)

Committed to Provide  
Intelligent Solutions



COMPANY PROFILE



## About Us

PPK Technology is the pioneer and the largest supplier of traffic control systems in Malaysia and is an established and trusted solutions provider in the intelligent transportation systems (ITS) industry. We have established a strong position in advanced traffic controllers, a growing ITS business and competencies in delivering intelligent solutions related to traffic systems.

With our headquarters in Melaka, Malaysia and our reseller network, we currently serve clients all over Malaysia and in overseas areas such as South East Asia, the Middle East, Africa and the South Asian regions.

PPK Technology has been involved in the traffic system business since 1985 as a private limited company. Associated companies related to PPK Technology include: (1) MRL Engineering Sdn Bhd and (2) Green Energy Systems Sdn Bhd. These companies are actively involved in providing SCADA solutions for infrastructure monitoring and control, high end security and control systems, renewable energy solutions and nanotechnology enabled lab on a chip systems.

PPK Technology is ISO9001:2008 accredited and its determined for business improvement, expansion and diversification. With our expanding capabilities, we look forward to further growth, particularly in the traffic control systems and ITS business areas.



# Products and Services

PPK Technology offers products and services in the area of traffic control systems. Below, we have summarised our core products and services for your review:



## MATC 4000 Traffic Controller

Advanced traffic controller system manufactured by PPK Technology. This controller can be deployed for simple and complex traffic junctions in standalone, linked or connected to control center configurations.



## LED Signal Aspect

Advanced and reliable LED signal aspects for road users.



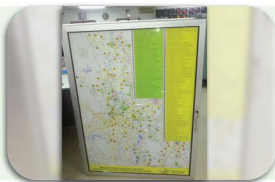
## Vehicle Actuated Countdown System

Countdowns which provide timing based on vehicle actuated data. Three countdown versions available: (1) Semi-VA, (2) Full-VA (Dash) and (3) Full-VA (Skip Phase Jump Down)



## UPS for Traffic Controller

Uninterruptible Power Supply (UPS) specifically for traffic controllers which provide incoming power supply back up and power regulation.



## Traffic Controller SMS Warning System

Provides SMS alerts such as main power failure, lamp conflict, flashing amber, ELCB/ELR trip and door open. Improves maintenance service levels and reduces downtimes.



## MATC Intelligent Traffic Management System

Remote monitoring and control solution for MATC controllers. Provides advanced remote configuration capabilities, fault and data logging, traffic and system reporting, traffic information, timing recommendations and automatic controller parameter adjustments.



## MATC Pedestrian Controller

Our traffic controller system used for pedestrian junctions.



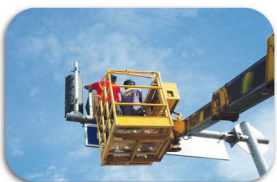
## MATC Mini Controller

The mini controller is a temporary 4 signal group controller operating on multiplan which can be deployed quickly to replace faulty traffic controllers.



## Greenwave Link System

The greenwave link system promotes greenwave flow of vehicles travelling between closely located traffic junctions. PPK provides wireless RF and GPS based greenwave linking.



## Installation and Maintenance Services

As the manufacturer of traffic control systems, PPK staffs are trained to design, troubleshoot and solve your traffic system related problems. We provide comprehensive maintenance and installation services. Please contact us for details.

# Projects and Track Record

Our list of projects are summarised as follows:

Major achievements and projects ☉	Description
MATC Traffic Controllers	More than 3500 traffic controllers sold and operational worldwide
MATC Intelligent Traffic Management System (MITS)	Implemented in Melaka, Negeri Sembilan, Selangor, Johor, Penang, Perlis, Pahang and Terengganu
Overseas markets	Indonesia, Thailand, Saudi Arabia, Kenya, Turkey, Pakistan and Oman
Non-Traffic System Solutions	Description
Perimeter Security for International Border Monitoring and Control	Malaysia-Singapore border (CIQ Gelang Patah, Johor)
Flood Monitoring and Control	Flood warning system in Kelantan
Weapons and Armory Access Control	TLDM Lumut, Perak
Variable Message Signs	Petronas Gebeng and Sg Udang
CCTV Monitoring and Recording	Deployed in MMC, TLDM, CIQ and JKR
Sewage Treatment Plant SCADA	Deployed in Ipoh, Perak
Watergate Control SCADA	Deployed in Parit Cina, Melaka
Pumphouse Control SCADA	Seberang Perai, Penang
Solar PV Renewable Energy SCADA	Deployed for more than 150 schools in Sabah

## Domestic Track Record



## Our Quality Management System

PPK Technology Sdn Bhd was certified **ISO9001:2008** Quality Management System in 2008 by Standards Malaysia. The certification was issued by AJA EQS Certification and covers the assembling of traffic controller/lights and intelligent solution provider.



## International Track Record



## Our Registrations

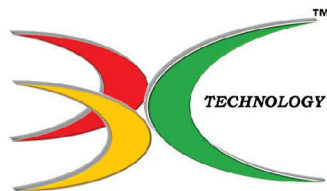
- Ministry of Finance (Bumiputra)
- Pusat Khidmat Kontraktor, Class II
- Construction Industry Development Board Malaysia, Grade G3 (Bumiputra)
- Energy Commission (Electrical Contractor)
- Tenaga Nasional Berhad (TNB)
- Petroleum Nasional Berhad (PETRONAS)
- Telekom Malaysia
- Highway Board of Malaysia (LLM)

☉ Locations of PPK Technology existing markets

# How to Find Us?



GPS coordinates: 2.258736 N, 102.273595 E



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**BUATAN MALAYSIA  
MADE IN MALAYSIA**

 <p><b>AJA QMS CERTIFICATION</b></p>	 <p><b>STANDARDS MALAYSIA</b> ACCREDITED CERTIFICATION BODY</p>
<p>ISO 9001 : 2008</p>	<p>MS ISO/IEC 17021:2011 No. Akreditasi: QS 29072008 CB 08</p>
<p>Cert. No. : AJAMY08/1229</p>	