SLAMS

Lighting Control SCADA System

with SLAMS Software

Features: -

- Real-time monitoring of Power Supply and Current status
- Store and forward when communication in down
- Historical data for equipment performance evaluation (e.g. types of failure, frequency of failure and downtime)
- Visual alarm verification
- Data for management, planning and evaluation
- Catering for future expansion to allow remote access to the system via wireless LAN
- Can be easily expandable in the future to cover more remote stations.

Panel Specifications

- Alarm Event Panel

Displays all current and historical field alarms, operator events such as control actions, and system alarms. It shall be equipped with alarm group selection, alarm filtering, search and alarm acknowledgment functions.

- Operator Panel

Displays the current time and date, the current operator log-in name, level of authority etc.

- Main Display Panel

Allows the operator to control field status, select multiple displays manually, enter data, display and print reports

- Pop-Up Panel

This is a temporary panel that shows the current status of the device and allows the operator to select control options. Pop-Ups shall display digital, analog and printer information and video images obtained from the field device.

PPK Technology Sdn Bhd (47508-D)
Wisma PPK,
Lot 2354, Jalan Sungai Putat,
Batu Berendam, 75350 Melaka, Malaysia.

Tel: +60 (6) 317-6828
Fax: +60 (6) 317-6854
E-mail : ppktech@po.jaring.my
Website : http//www.ppktech.net

PPK Technology products are available nationwide in Malaysia or overseas through selected agents. Products can be supplied, installed, configured and tested by PPK Technology or an approved contractor. For a complete list of products and services available and technical support staff, contact our office or visit our worldwide web at http://www.ppktech.net

Minimum Requirements

- Number of lights to be controlled and monitored to be identified
- Determine whether photodetection of light status required
- Monitoring parameters to be discussed with customer prior to issuing proposal

Package Contents

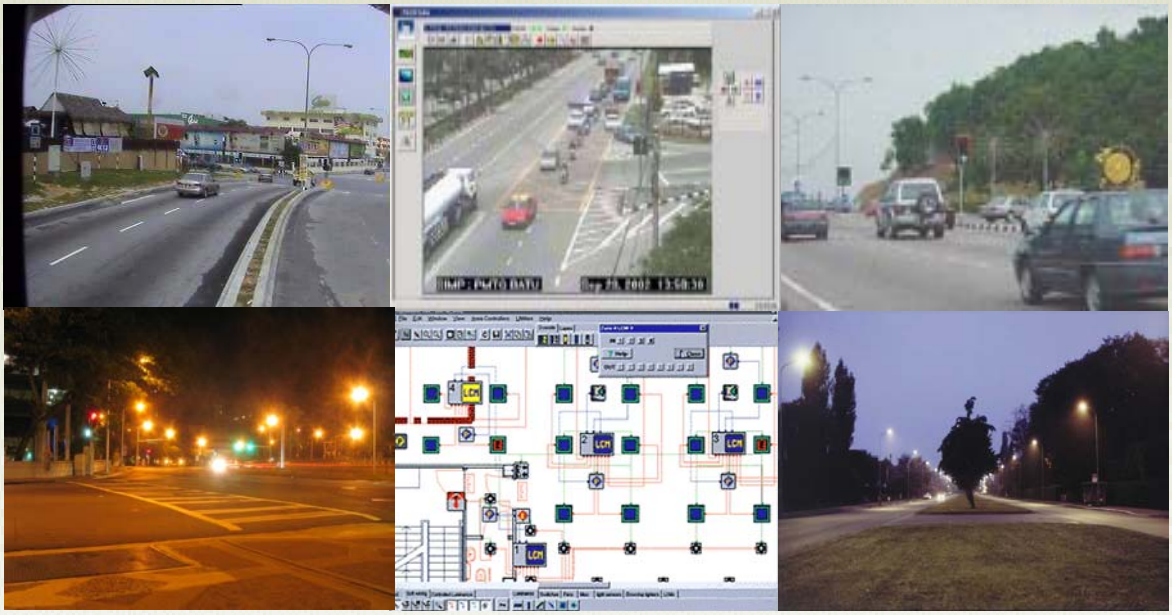
Generally consists of: -

- Remote Terminal Units/Remote Stations at site
- SCADA panel, control center CPU and communication equipment
- Control Center Equipment (optional)
- SLAMS Software

SLAMS

LIGHTING CONTROL SCADA SYSTEM

Providing Intelligence to Infrastructure Monitoring



The SCADA Lighting Control System or SLAMS is used to monitor the street light feeder pillars at various locations. Street lights can be monitored by groups, clusters or by each light depending on the customer requirements.he objective is to facilitate supervisory control and monitoring status of the feeder pillars. The system is made of two level of hierarchical architectures. The lowest level is the feeder pillars, which is referred as Remote Stations. The highest level of the hierarchy is the Master Control Center (MCC). Each Remote Station shall be equipped with one Remote Terminal Unit (RTU) and a modem. All field information (i.e. power supply status, current ratings) are gathered by the RTU. The RTU then performs the necessary engineering unit conversions, time tagging and send the data back to the Graphical User Interface (GUI) at the MCC via a dial up line (PABX). The MCC is capable of overall monitoring of all the associated devices in the feeder pillars. In the events of equipment failures or event triggers, the RTU shall directly dial the MMI for alarm display. The central database and monitoring function is generated from the MCC to achieve a full-fledge, a state of the art SCADA system. The system cateris for future expansion to allow remote access via wireless LAN.

Controlling and monitoring street lighting at a control center	Enables hassle free maintenance and quick deployment of repairs	Generates event history reports in software interface	Lighting control parameters specified by customer

PPK Technology Sdn Bhd

Lighting Control SCADA System
with SLAMS Software

Product Datasheet

Model No: FH-282-YE

PPK Technology Sdn Bhd