

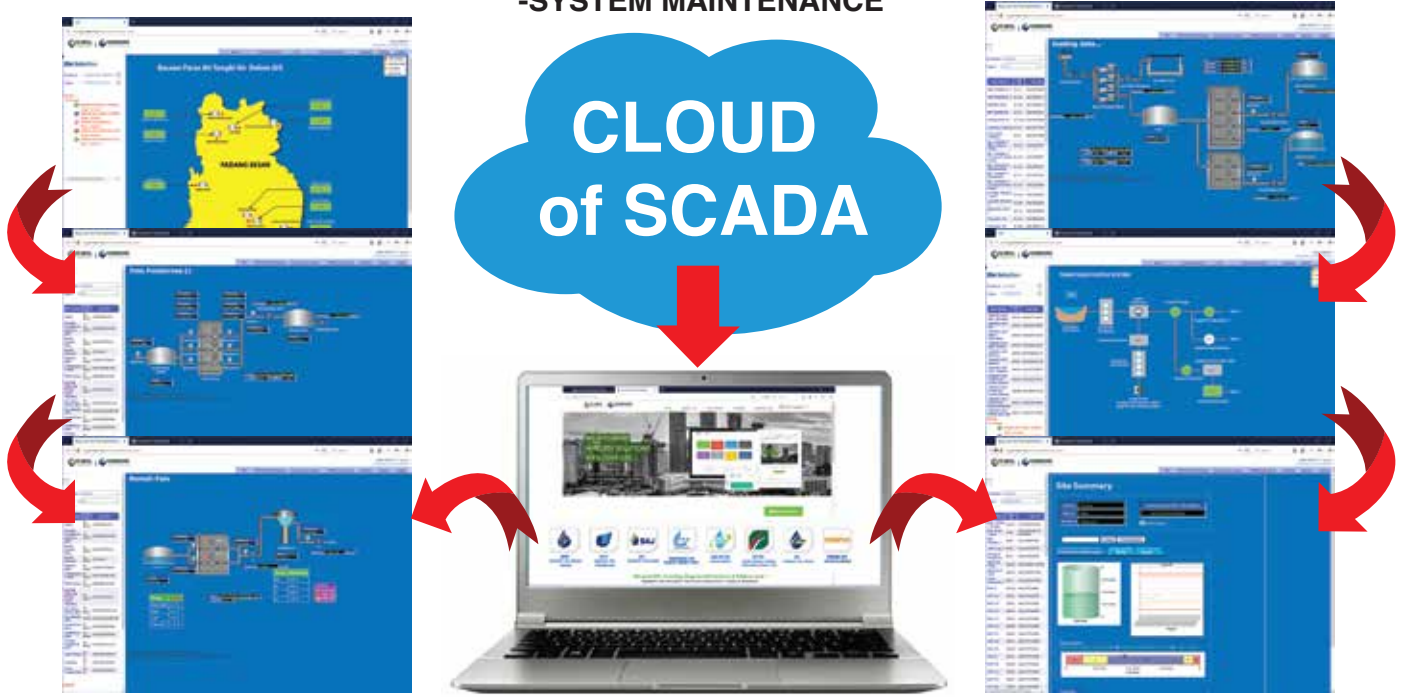
CLOUD SCADA

REMOTE SCADA TELEMETRY SYSTEM

(via GSM/GPRS/ADSL/VHF/SATELLITE)

(WE PROVIDE COMPLETE SOLUTIONS)

CUSTOMIZED SYSTEM-ARCHITECTURE DESIGN-HARDWARE-SOFTWARE INSTALLATION
-SYSTEM MAINTENANCE



“..Internet of Things..”

Without Software Install in Your PC/Server/Organization”

- Customize Solution
- Design & Implimentation of complete SCADA system
- Applicable for following Industries:

- Water Treatment
- Water Distribution
- Palm Oil Mill
- Logistics / Transports
- Waste Water Treatment
- Security
- Electricity Supply System
- Firefighting System
- Irrigation Drainage
- Building Automation
- Plant Process Control
- Others

Satisfied Major Clients

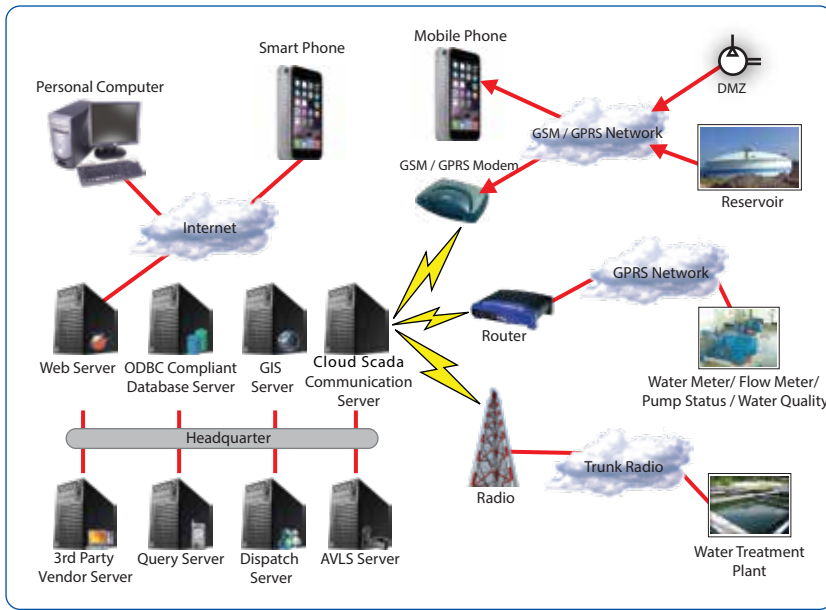
- SAMB - Syarikat Air Melaka Berhad
- SATU - Syarikat Air Terengganu
- Jabatan Air Negeri Sabah
- Jabatan Bekalan Air Labuan
- LAP - Lembaga Air Perak
- PAIP - Jabatan Air Pahang
- SAJ Holdings Sdn Bhd
- SYABAS
- Pihak Berkuasa Bekalan Air Sarawak
- SAINS - Perbadanan Air Melaka
- JKR - Jabatan Kerja Raya
- JPS - Jabatan Pengairan dan Saliran
- IWK - Indah Water Konsortium
- TNB - Tenaga Nasional Berhad



GLOBAL TELEMATICS SDN BHD (No 688742 - A)
No 51-2 Jalan 5/18A, Taman Mastiara
Batu 5 1/2 Jalan Ipoh, 51200 Kuala Lumpur
Tel : 03 6257 9472 Fax : 03 6257 4108
info@g1.com.my

www.g1.com.my

Complete System Architecture



Web Server

The Web Server provides an interface for user to access Cloud Scada over the Internet. All the data from the equipment can be represented in a friendly web based graphical user interface where user is able to view, operate and analyze with ease.

Database Server

This is the memory bank of Cloud Scada, the Database Server stores all the incoming and outgoing data as well as the history of all user operation.

GIS Server

The GIS Server allows data to be represented on a digital map. These data provide valuable information for user to study and analyzed with the convenience of a map.

Communication Server

The Communication Server is responsible for communicating with all the equipment outside of the network, all incoming data is process by the Communication Server before relaying to other servers. The Communication Server is able to communicate via GPRS, SMS, Radio or direct link to a SMS Gateway from Celcom or Maxis.

Query Server

As its name implies, the Query Server process incoming query SMS from user and replies the required information back to the user via SMS. Beside normal query operation, user is also able to remote control equipment by sending SMS to the Query Server. A password filter is built in to prevent unauthorized query.

Dispatch Server

When an event occurs, the Dispatch Server will dispatch warning SMS to selected personnel that is assigned to monitor the event. User is able to define customizable rules for specific event. The Dispatch Server will also log down every SMS that were dispatched to allow performance analysis at a later stage.

AVLS Server

Combining with the GIS Server, position of individual service vehicle or water tanker is able to be shown on the internet. User is able to plan and manage the distribution of the vehicles to maximize service an area or monitor the travel history of the vehicles to prevent abusing of vehicles.

Advantage of Cloud Scada

Cloud Scada provide user of telemetry industry with the following benefits:



1. Reused legacy system

Existing RTU can now be integrated to new application without the cost of replacing the RTU and existing software.

2. Sharing of data

Data obtained from RTU supplied by different vendors can now be shard among all the vendors. Thus allowing advance high level data analysis where RTU data from vendor A can be supplement in the calculation of results in vendor B software.

3. Multiple communication method supported

Cloud Scada support communication in GSM / GPRS, GPRS and Trunk Radio. External software from different vendors is able to instruct Cloud Scada to send and receive data via the supported communication channel.



4. Common Web Interface

The data collected from different vendors can be monitor and control via Cloud Scada Web Server. Eliminating the need to operate multiple type of software and reduce the cost of deployment. Global Telematic has complete know how of emulating the software interfaces of different software vendors to provide user a low learning curve.

5. Increase user bargaining power and lower switching cost

User of Cloud Scada will no longer be limited to a single vendor; any number of RTU from different vendors can now be easily integrated into a single solution, thus allowing the user better bargaining power when selecting vendor. The flexibility of Cloud Scada also ensures that the switching cost of moving from one vendor to another will be minimal.



6. Install once, access everywhere

With Cloud Scadaweb interface, user is now able to access the data everywhere as long as there is internet access.

7. Support ODBC compliant database server

Support all manner of enterprise database server including MSSQL, Oracle, MySQL, Postgres and others. Cloud Scada can also be customized to integrate with existing database to reduce cost of maintaining multiple databases.

8. Complete suite of software solution

Cloud Scada comes with a wide range of extension and plug-in to cater for various requirements. The following diagram illustrate the complete system architecture of Cloud Scada