



WEB ENABLE UNIVERSAL TELEMETRY SOFTWARE SUITE

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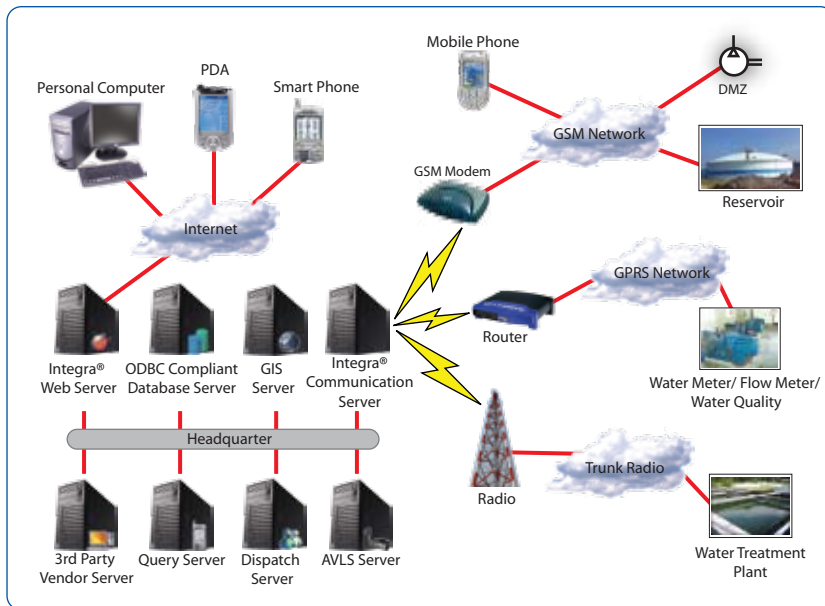


“We Provide Complete Solutions
from Hardware to Software and Services”

WEB BASED MONITORING SOLUTIONS

- Fully customizable to user requirements
- Monitor & control anytime, anywhere
- Integrate with existing system (Citect, SCADA Pack, etc)
- Web based Graphical Mimic Diagram
- Equiped with Enterprise Database for robust and secure data storage
- Affordable server rental package
- Complete range of add-on software

Complete System Architecture



Web Server

The Web Server provides an interface for user to access Integra® 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 Integra®, 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 Integra®

Integra® 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

Integra® support communication in GSM, GPRS and Trunk Radio. External software from different vendors is able to instruct Integra® 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 Integra® 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 Integra® 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 Integra® also ensures that the switching cost of moving from one vendor to another will be minimal.



6. Install once, access everywhere

With Integra® web 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. Integra® can also be customized to integrate with existing database to reduce cost of maintaining multiple databases.

8. Complete suite of software solution

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