Water being the necessity of life so uninterrupted water supply is must. It is not always possible to switch on a water pump house pump-motor at right time manually. Also, pumps in use are often location in remote and hard to reach areas, which renders the task of timely switching on/off difficult. So automation of water pump house is must.

There can be substantial savings in manpower, electricity cost by introducing automation at tube well pump installations.

OUR OFFERING

Digital Reach provides complete IoT gateway / controllers from data acquisition, transmission (3G/LTE/Wi-Fi) and computing in order to help our customers use intelligent systems using our extensive resources. Customers can focus on their smart applications with minimal system integration effort. Our solution offerings & services are fully compatible with most of the applications and provide all the components customers need for building an intelligent system.
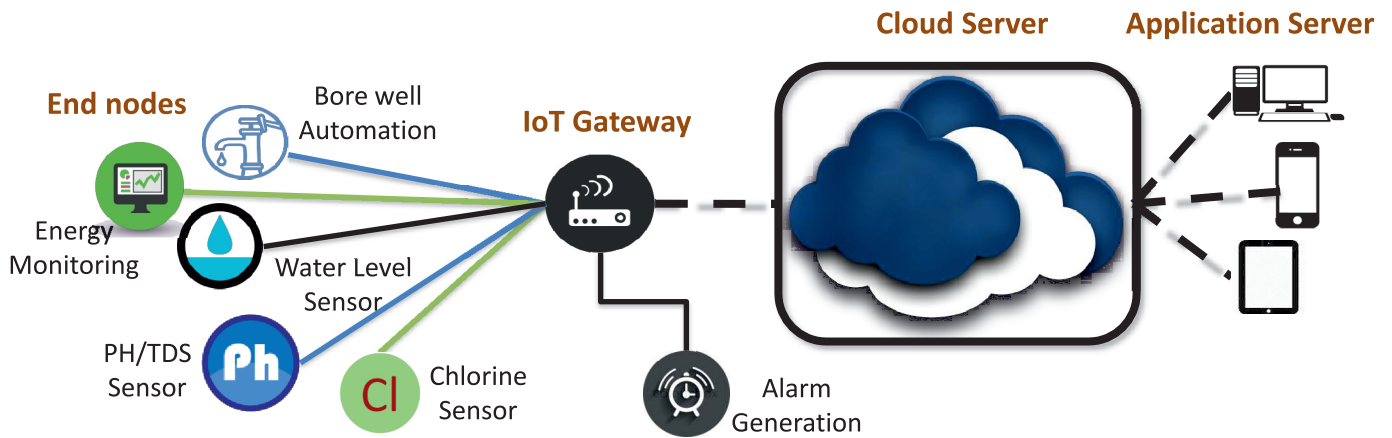
FEATURES

➲ Web based monitoring: Periodic reports can be viewed, generated & stored for analysis.

➲ Remote control operation: User can send commands from the web browser to the remote pump house to switch on/off motors.

➲ Scheduled Operations: The pump house automation can also be done by setting the pump operation timings. The water pump can be switched on and off automatically as per the preset scheduled time.

➲ Alarms and alerts over email and SMS on mobile for predefined conditions/events.

BENEFITS

➲ Programmable realtime operation of pump

➲ Remote energy metering and monitoring of tube well pump systems

➲ Reports of operating and non-operating pumps

➲ Energy conservation by saving electricity

➲ Water conservation by automatic turn off process of tube well

➲ Time conservation by controlling the tube well remotely, through 3G/GPRS

➲ Improvement in system efficiency, performance, reduction in downtime of equipment.

TUBE WELL MONITORING

Cloud Server　　**Application Server**

End nodes　　Bore well Automation　　**IoT Gateway**

Energy Monitoring

Water Level Sensor

PH/TDS Sensor

Cl　Chlorine Sensor

Alarm Generation

ABOUT US

Digital Reach is an IoT based solution company. We are experts in combining technical knowledge and insights from our extensive experience in the field to create Internet of Things (IoT) solutions, with our strong focus on innovation and integration with customer domain expertise. We create monitoring and control products and solutions that improve processes and services for our customers.

With our expertise is in embedded hardware development, embedded software development, system integration and project execution, in everything we do, we apply our values of respect and honesty through a commitment to teamwork and a high degree of responsibility to our customers, not only to satisfy but also to exceed our customer's expectations.

Digital Reach Pvt Ltd