



SiFe Engineering

Profile

Confidential



SiFe Engineering

Old No. 6/2, New No. 15,
Flowers Road
Arumbakkam, Chennai 600106



Phone & Fax

Phone: + 91 44 42660114

Phone: + 91 9003042821



Email

Email 2: sales@sife.in

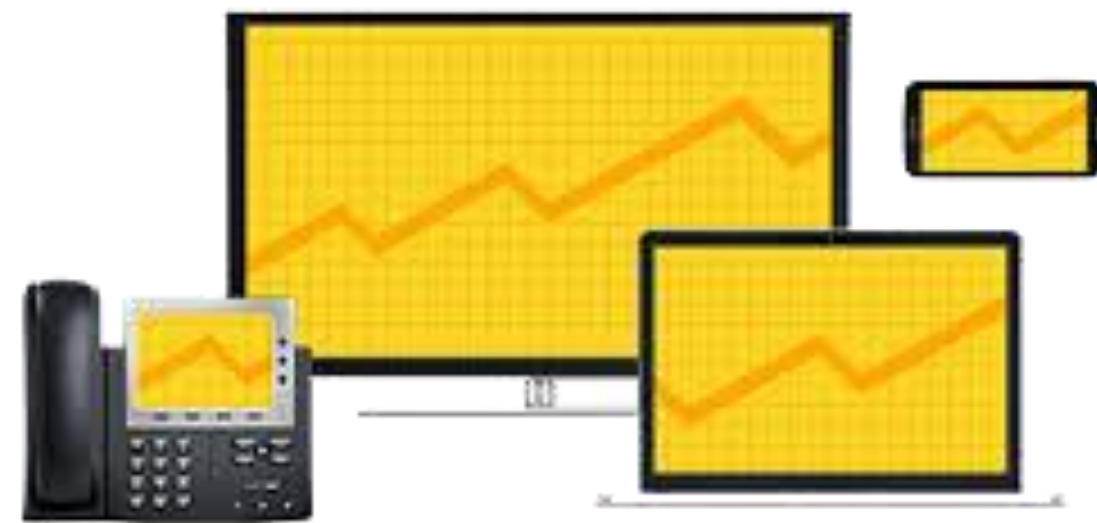
Email 1: info@sife.in

Website

www.sifeengineering.com



About Company



SiFe Engineering is a privately-owned high-tech SME specialized in the field of remote monitoring systems. Founded in 2009, its main market niches are in the field of energy monitoring, environmental monitoring and industrial communication.

It's highly technical enabled background and multidisciplinary professionals offers qualitative solutions for a quantitative production environment.



Our Vision

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With developing world, the need for better and more reliable data communications is growing.

At SiFe Engineering with the wealth of experience in industrial communications . We focus on providing a competitive products with greatest quality among the Industry giants in the Market.

Our ambition is to provide the world's best industrial networks.



Our Mission

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We strive every day to put our technology to work for private companies and public institutions in order to make the industry a more sustainable and energy efficient.

Our monitoring & control products and solutions are aligned towards our vision to improve the processes and services in the industrial sectors such as Building Management and Controlled Energy Environment in a global marketplace.



Our Values

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Teamwork:

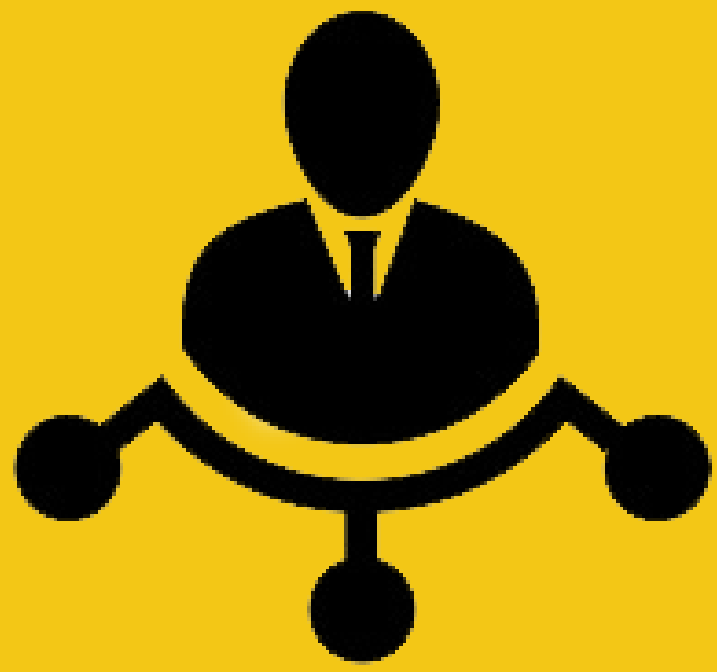
Promoting and supporting a standardized and multi-disciplinary team, assuming that the maximum asset of a company are its employees.

Excellence in service:

Meeting our promises with high standards of excellence and taking responsibility for all our decisions and actions,

Innovation:

Continuously improving our products and solutions by working with Innovative technologies with the ultimate goal of providing a distinctive and distinguished value to our customers.



Hard Facts About Us

Expertise

- Industrial Automation
- Remote Monitoring System
- Building Management System
- OEM and System Integration

Exceptional Skills

- Internet Of Things (IOT)
- In-house Product Development
- Excellent Customer Service
- Great Management Structure

Quality

- Deliverables, System Design and Commissioning
- Shared Responsibility and Taking Ownership



Industrial Communication Products

Modbus Gateways

Protocol Convertors

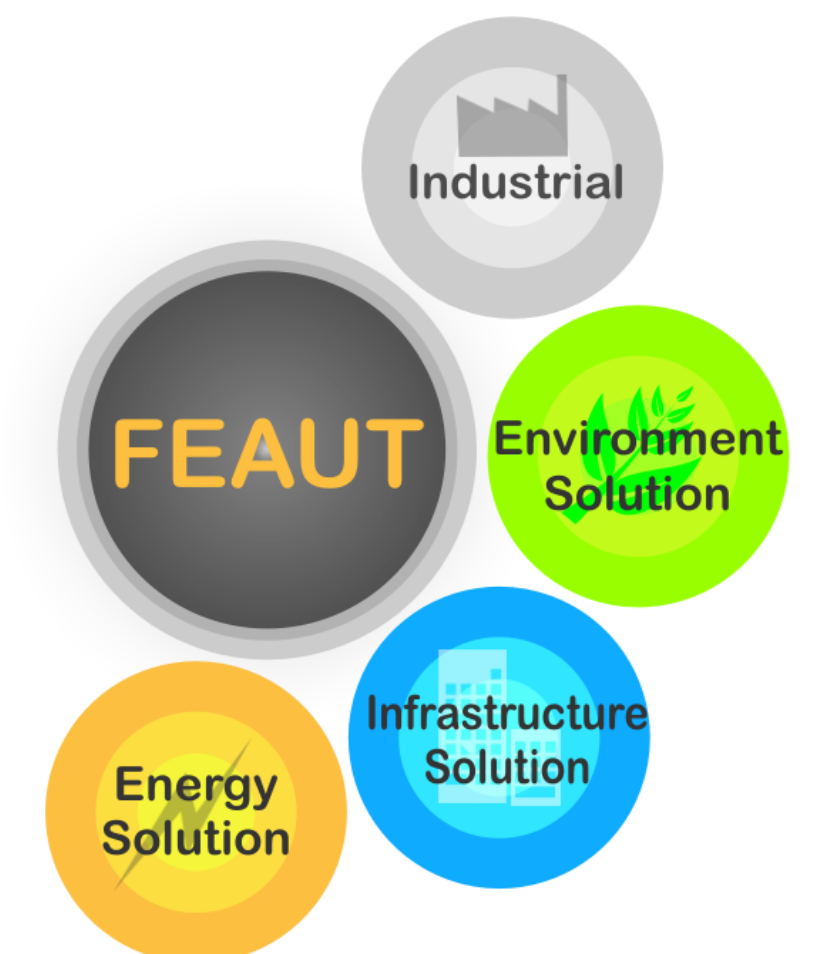
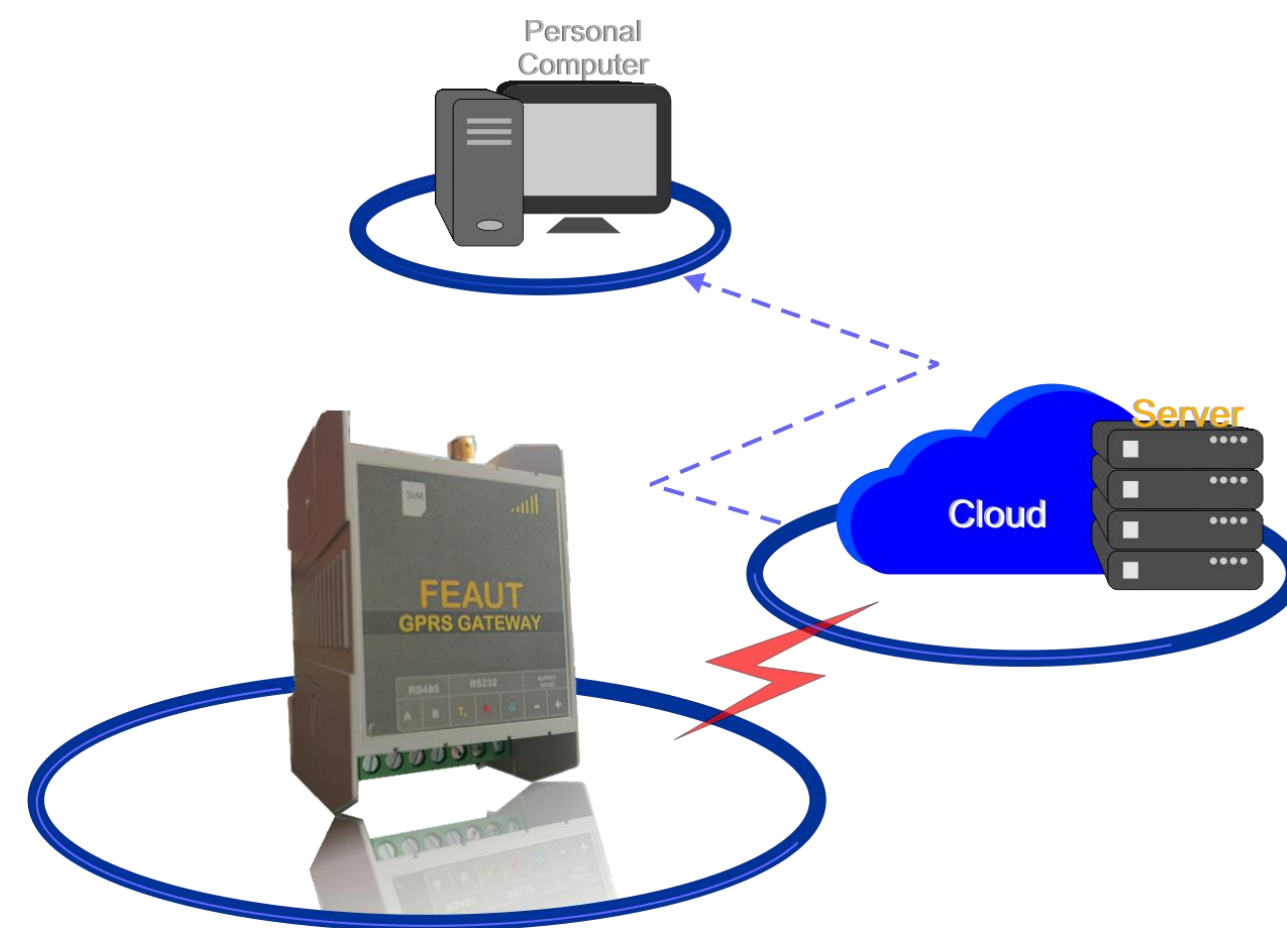
Modbus RTU Remote I/O

Wi-Fi Remote I/O

Relay Modules

FEAUT leads the way in converged automation networks by offering a expanding spectrum of reliable and integrated industrial networking solutions. The industry is realizing that greater cross-system collaboration and integration can be achieved when networks are converged around a single system architecture based on open standards and technologies. FEAUT series is growing and uniquely positioned to deliver on this transformation towards converged automation networks.

Our commitment to “Reliable Networks” means that we will deliver the networking and communication technology that enables convergence and achieve operational efficiency for automation.

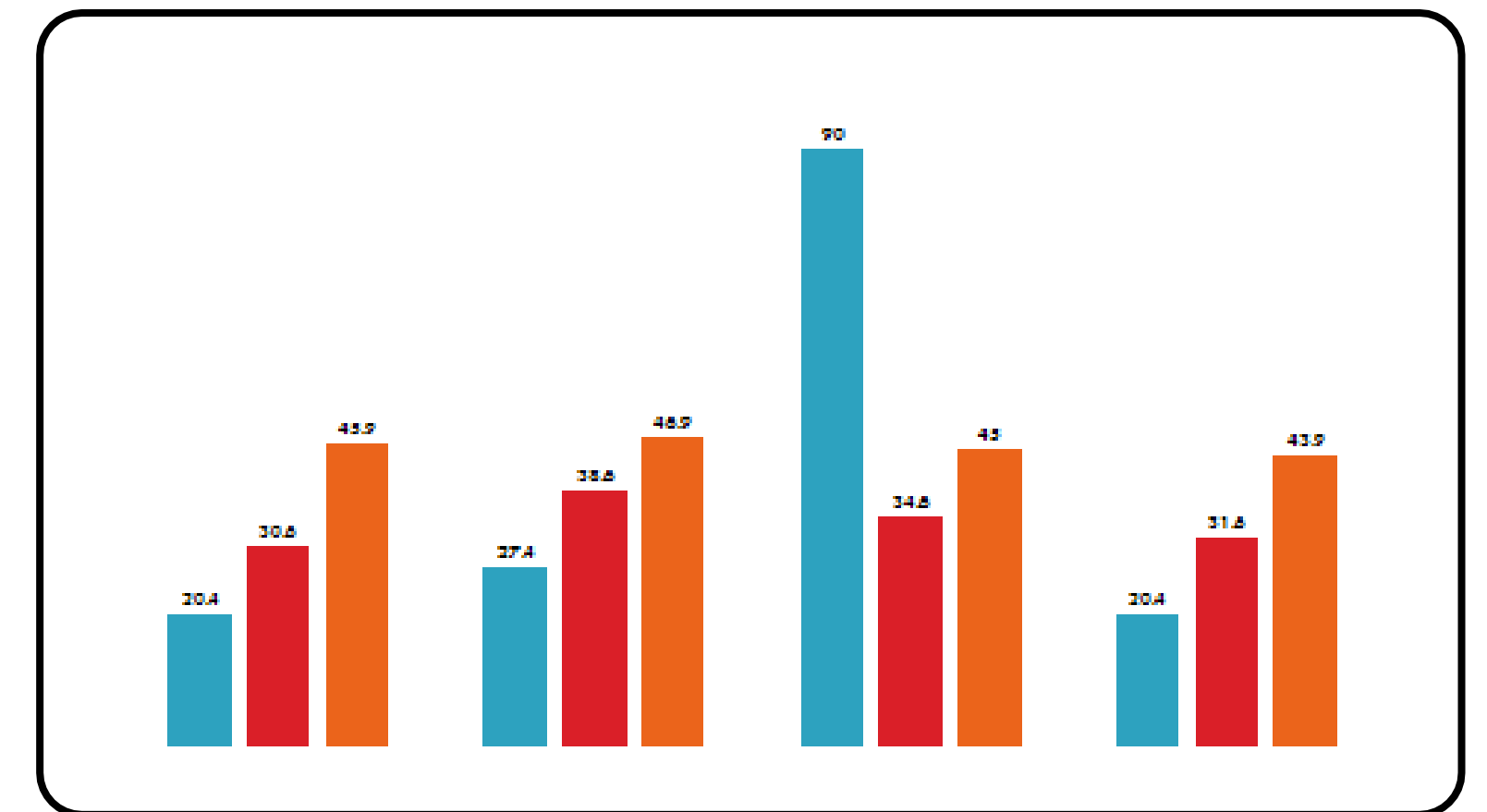




Why Energy solution needed?

To reduce energy costs from measured value to energy usage

Gas, steam or water circuits that provide specific forms of energy to the operating process can be found in all branches of industry. Heating and cooling, compressed air, natural gas, electricity and steam are just a few of the media whose production, distribution and consumption incur ever-increasing energy costs. It must therefore be the aim of every company to efficiently use and monitor their energy use in order to reduce these costs.



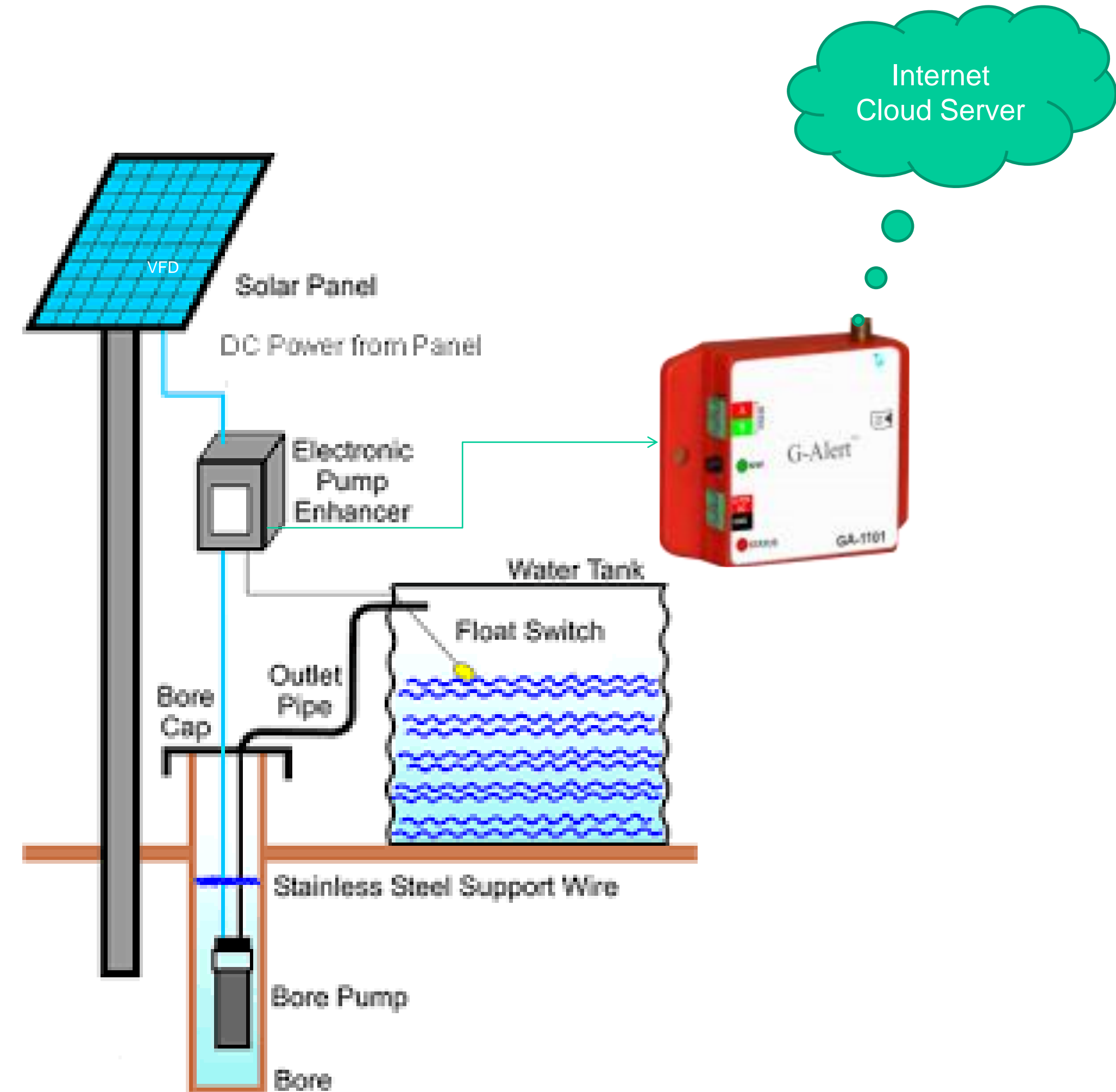
- Water Treatment plant
- Electrical System
- Heating Systems
- Cooling Systems
- Compressed Air Systems
- Process plant
- Environment Management
- Renewable Energy Management
- Retail (Field) Management
- O & M Operations
- Facility Management
- Utility Management



Solar Pump Monitoring System



Our gateway device interface with the VFD and VFD data send to client server to monitor the health condition of the system and control accordingly. Monitoring data like Solar power condition, Pump status, Auto ON/OFF





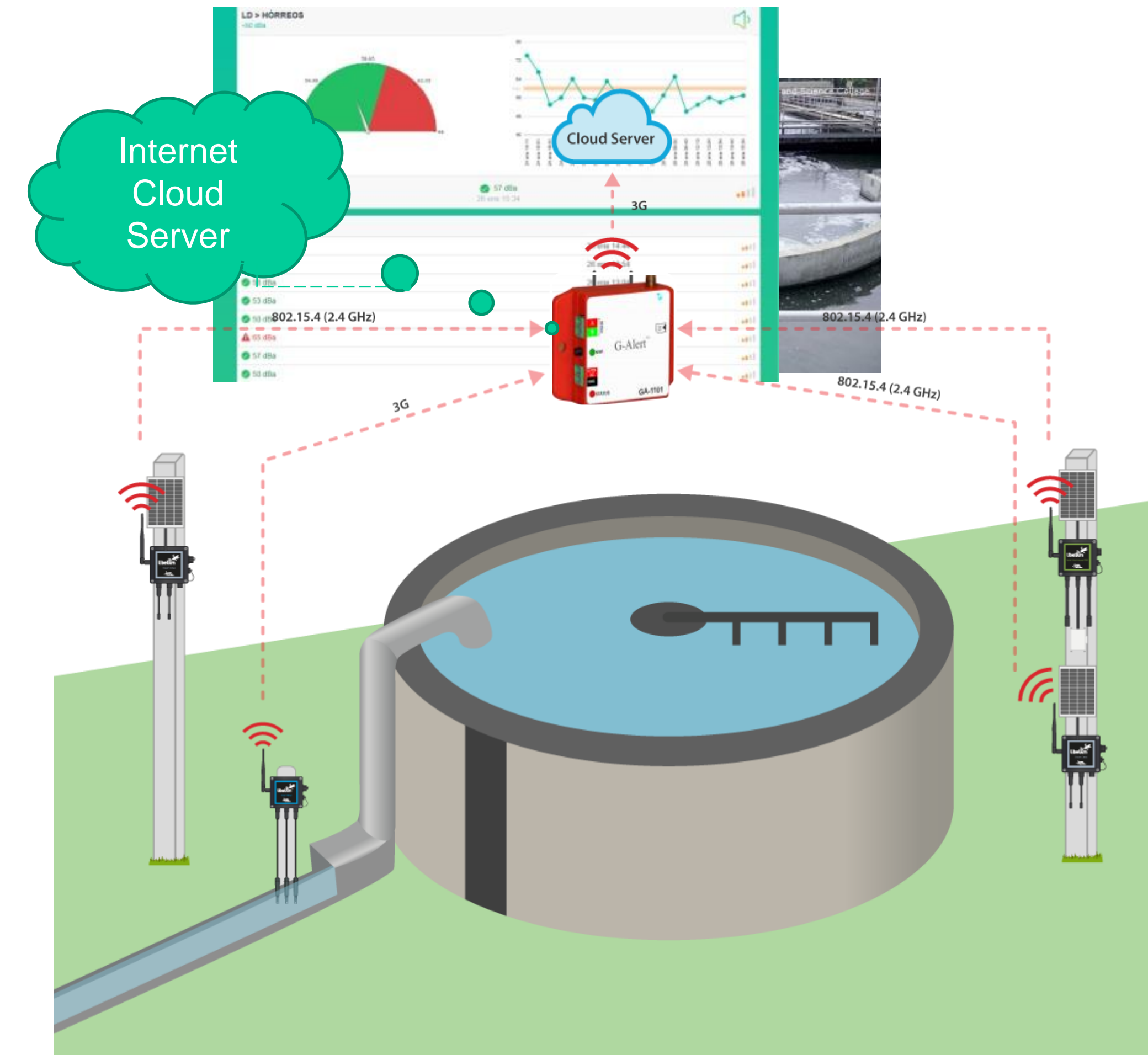
Water Treatment Plant Monitoring System

Dewborn
Bringing Water Live



Our gateway device interface with the Field sensors transmitter and sensor data send to client server to monitor the condition and status of the system and generate alert based on threshold. Monitoring data like PH condition, Flow, Pump ON/OFF, This system enables to reduce the measurement time and the impacts monitoring between a 40% and an 80%, and shorten the response time in any alarm situation in a 90%.

This methodology represents a **25% to 40 % savings in costs** that currently are taken with any measure of environmental correction after an unfavorable impact.





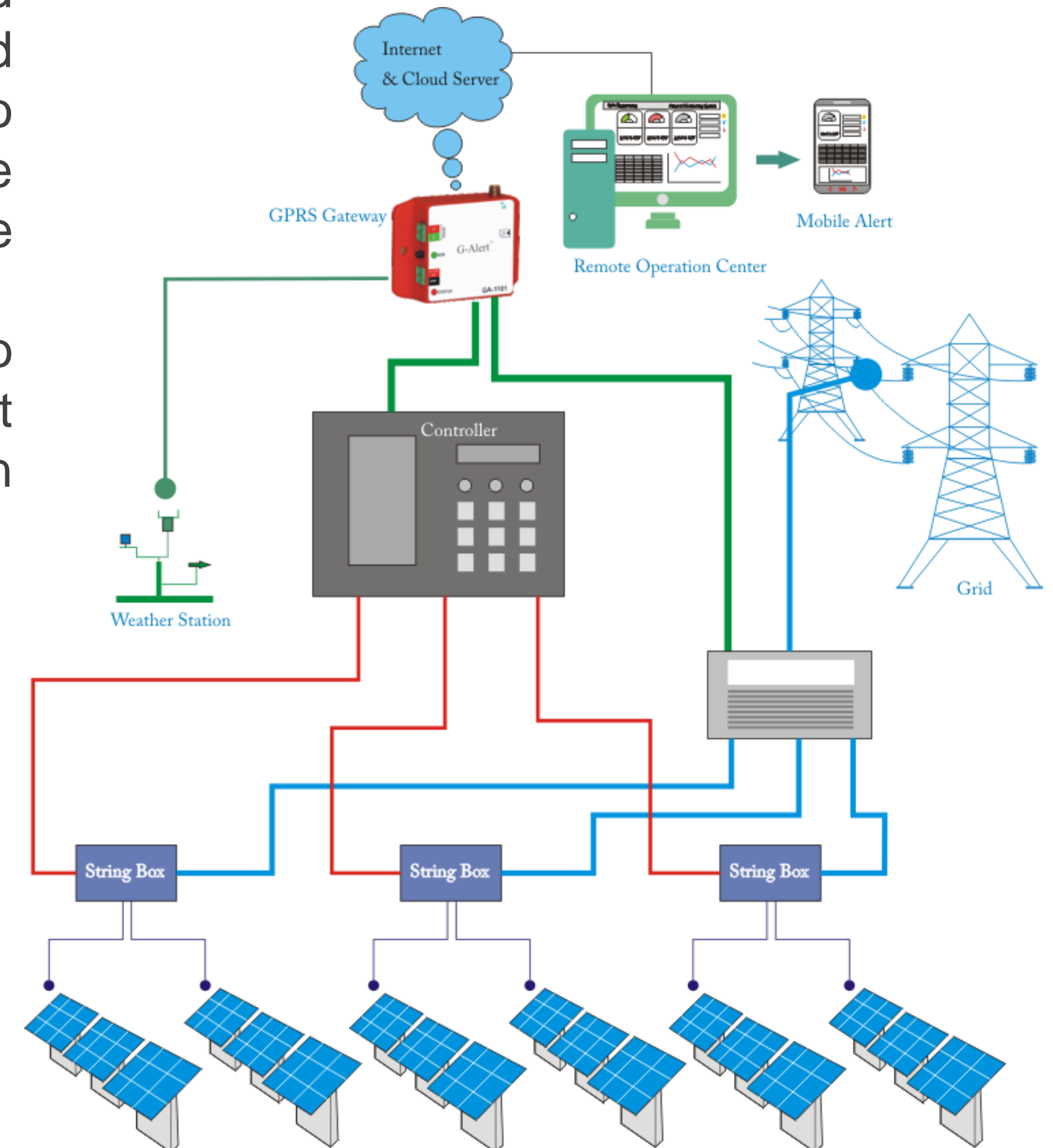
Solar Plant Monitoring System



Our gateway device interface with the Field devices like solar inverters, Weather station and field sensors. Connected device data send to client server via GPRS network to monitor the condition and status of the system and generate power generation report.

Solar monitoring allows solar PV owners to monitor their system's production from just about any device, no matter where they are in the world.

- View day, week, month, quarter and yearly production data
- This shows you if anything goes "down" and needs service.
- Create charts and reports to analyze data.
- Monitoring ensure investment is operating as it should.
- This methodology reduce the operating cost by 30 to 40%.





Windmill Monitoring System

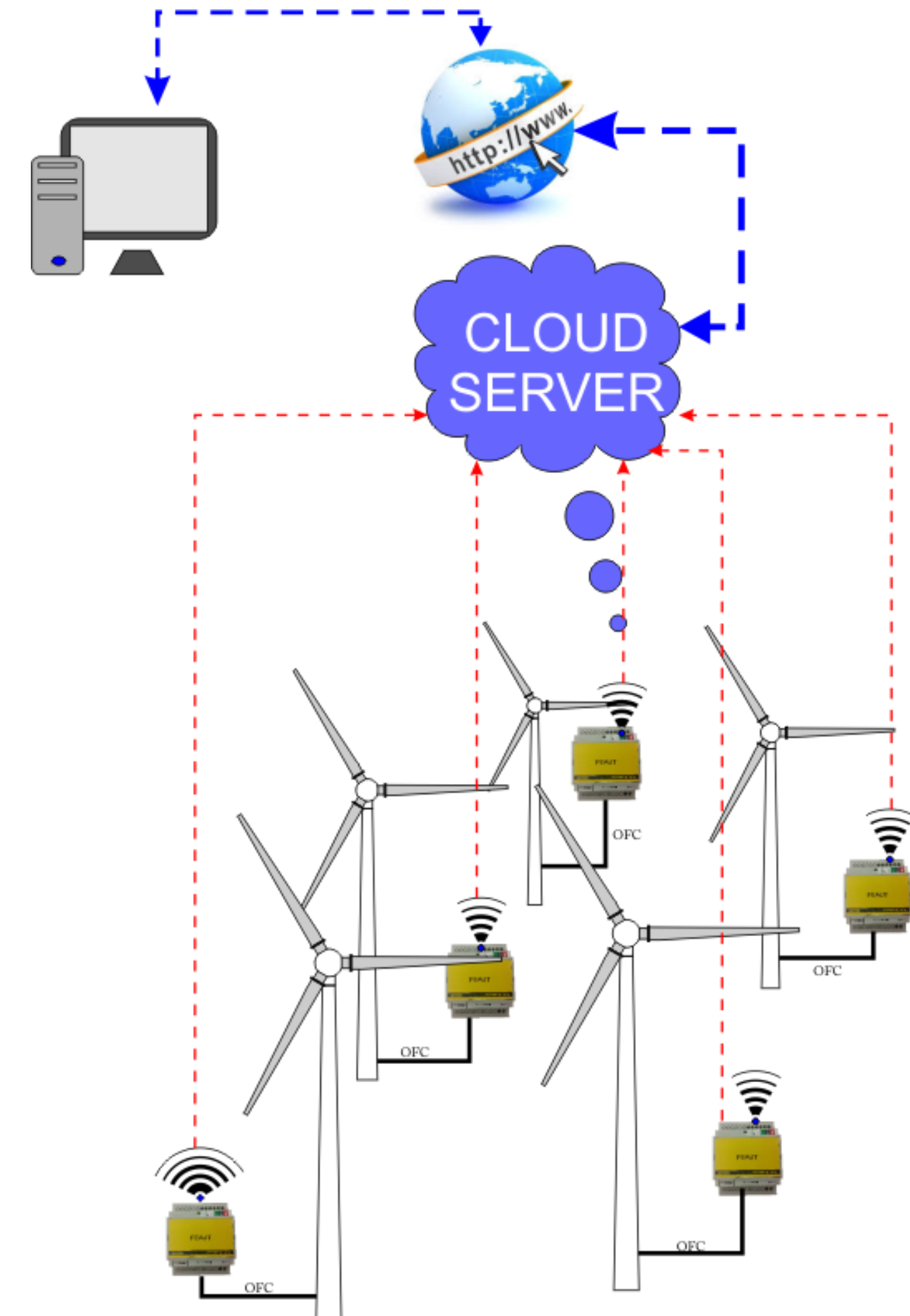
Gateway deployed to monitor Energy generation, Machine performance, Error identification. The Windmill Monitoring System (WMS) is an important tool for assuring efficient operations for companies and offshore facilities. The real time data acquisition help site engineer to optimize the time and manage the service calls. Also helps to prepare the reports on daily basis.

- Prevent Electrical losses
- Improve Machine performance
- Reduce maintenance costs
- Power generation reports

50 Windmill integrated so for

Every Min Data Acquisition each M/C

Real Time Data Acquisition





Industrial Alert Solutions

**Building
Monitoring System**

WiFi Interface

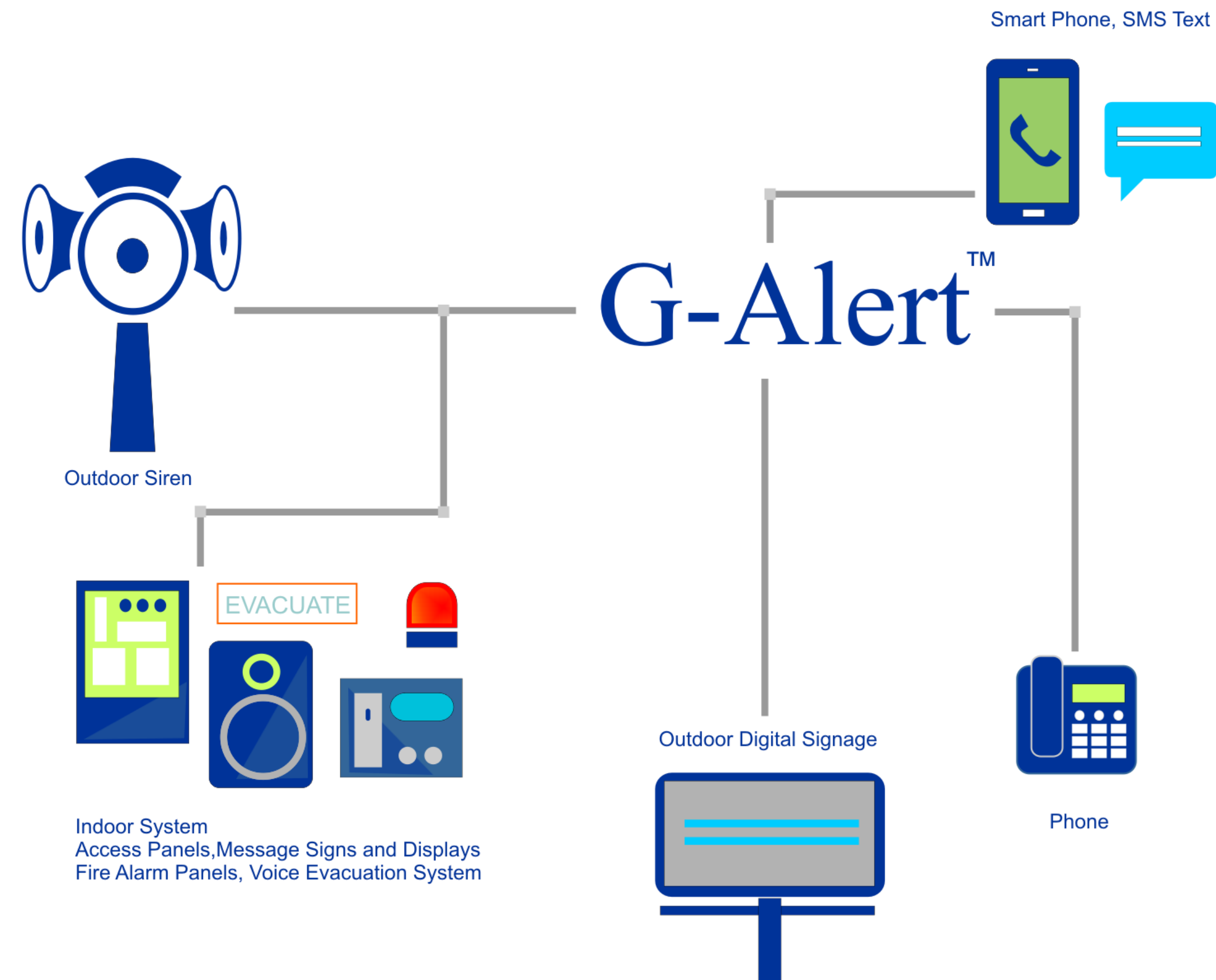
**GSM / GPRS
Interface**

**Intrusion Alarm
System**

**Panic Alarm
System**

How do you manage industrial machinery, get a overview of status from your devices and keep track of remote machinery without visiting it every day?

With **G-Alert™** device connected to your industrial machines and devices, you can get the status of your system at any time. Reduce maintenance trips, improve customer service and get full control of your industrial machinery and devices at anytime from anyplace! Save time, save energy and save money with G-Alert - ROI after just one visit!





Industrial Monitoring Solution

Wind Mill Monitoring

Energy Monitoring

Energy Datalogging

Solar Monitoring

SCADA Interface

BTS Tower

Hotel Energy
Management

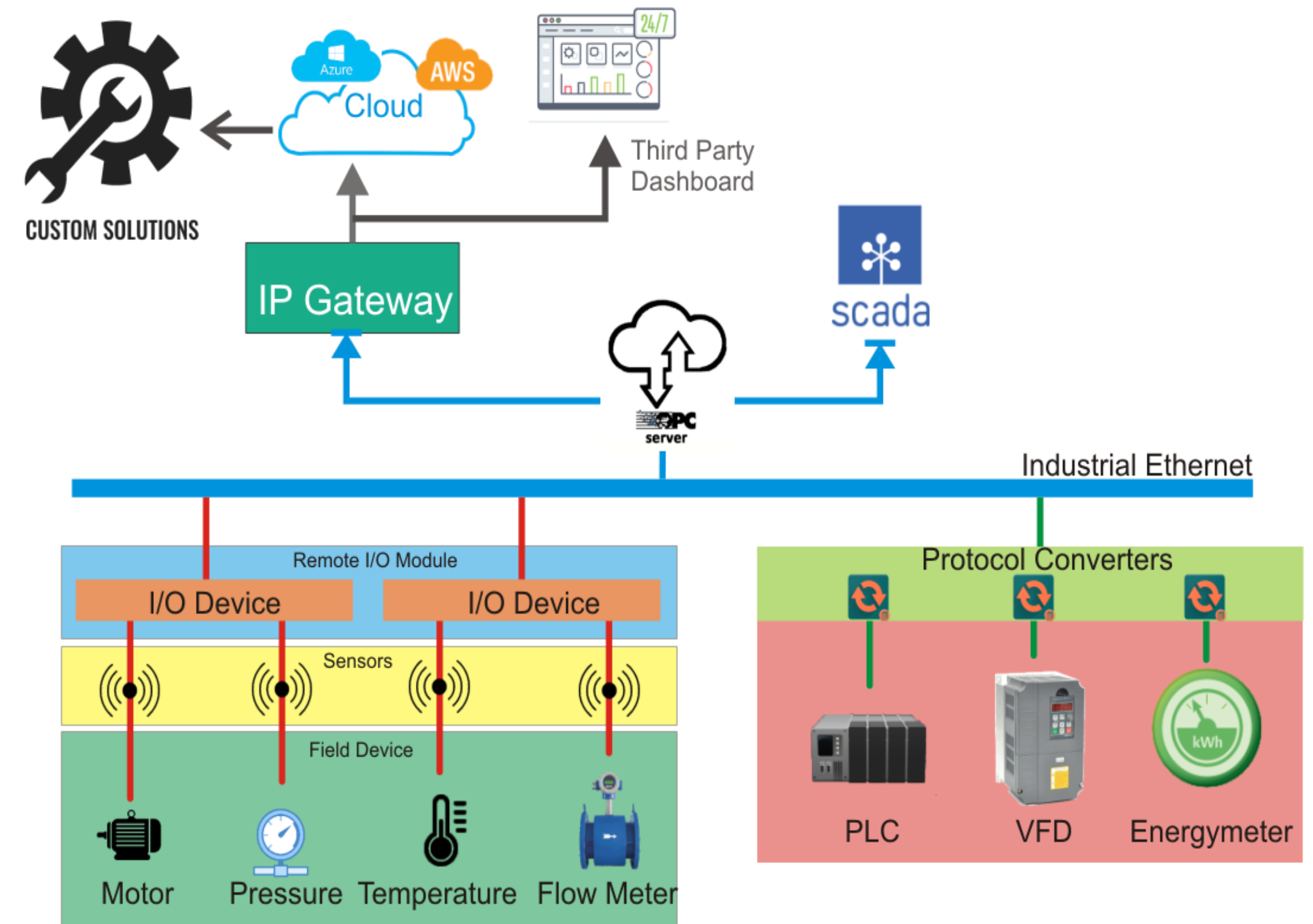
Liquid Level Monitoring

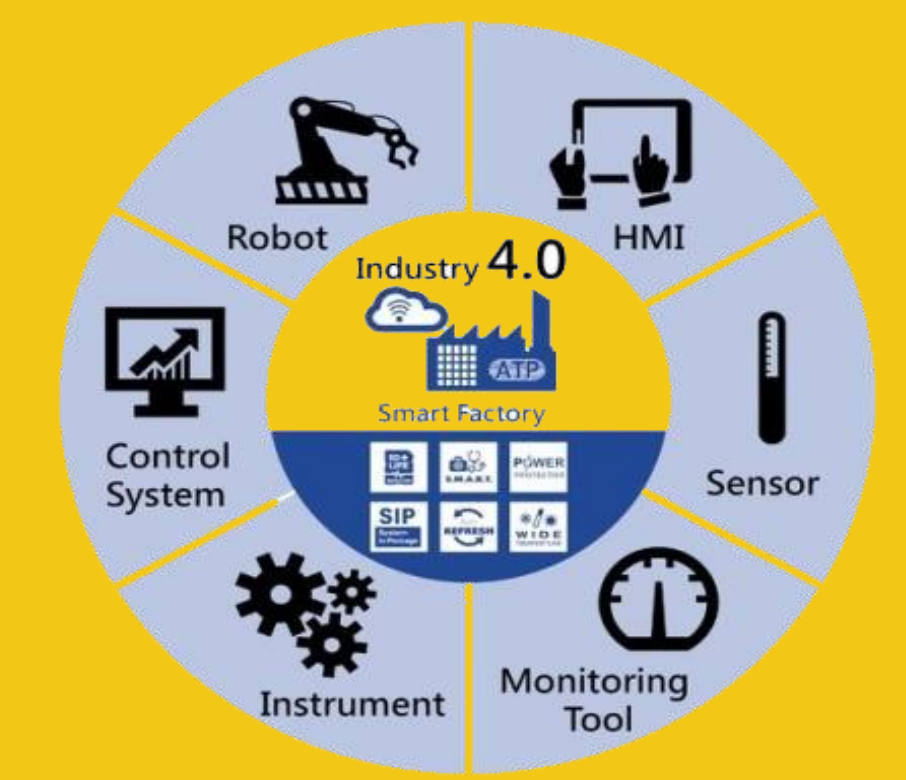
Climate Monitoring

Power Alert System

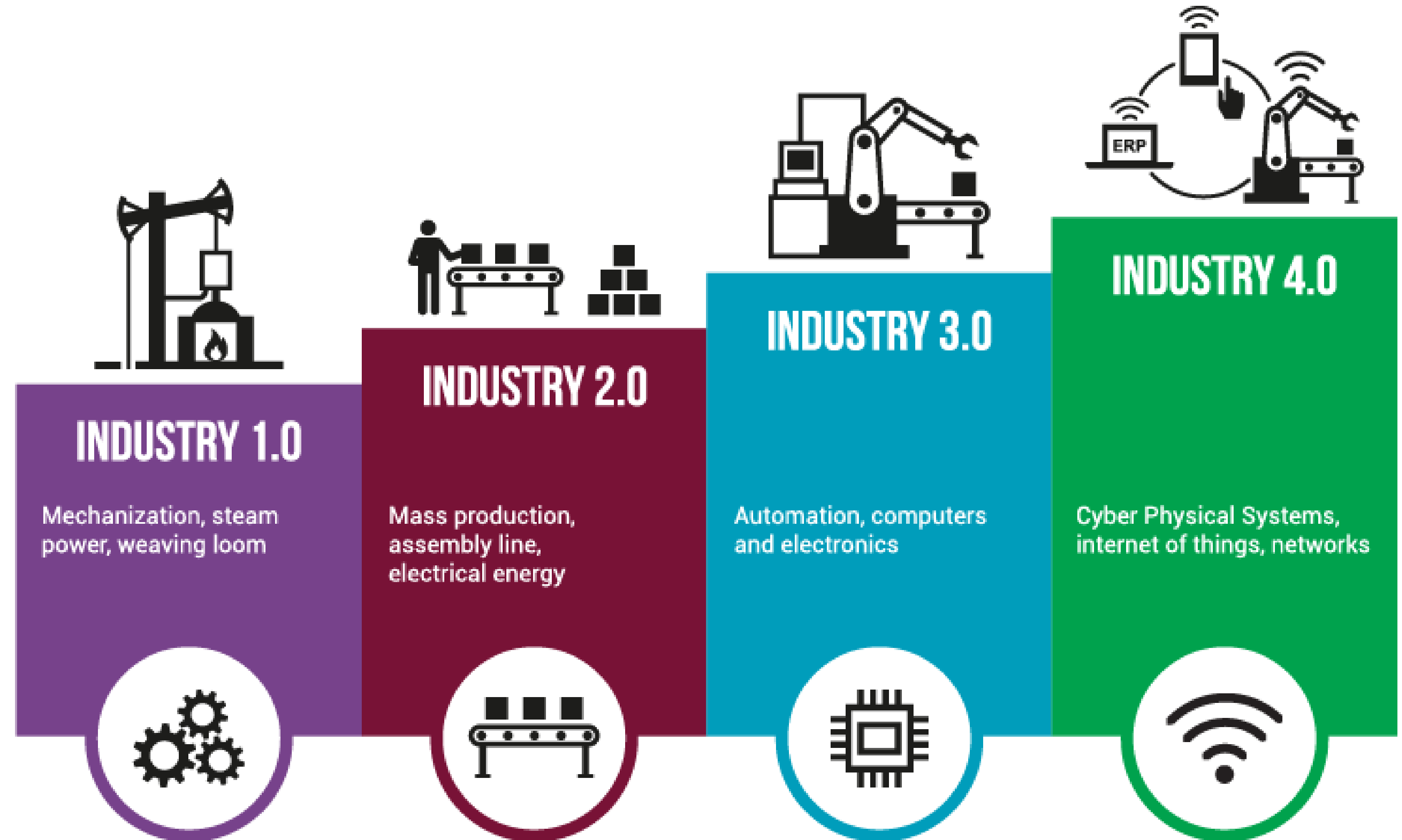
How do you manage industrial machinery, get an overview of parameters from your devices and keep track of remote machinery without visiting it every day?

With **FEAUT** devices connected to your industrial machines and devices, you can see the exact status of your system at any time. Reduce maintenance trips, improve customer service and get full control of your industrial machinery and devices at anytime from anyplace! Save time, save energy and save money with **FEAUT** - ROI after just one visit!





Getting Future Ready





Industry4.0 Implementation



Product

+



Intelligence

+



Communication

+



Networking

=



Industry 4.0

Value added services

- Analysis
- Condition monitoring
- Cloud services

Business models

- Pay per user
- Predictive maintenance
- Customer support



Premium Clients



Rajasthan Electronics & Instruments
Limited



Sauer Compressors



Thank You