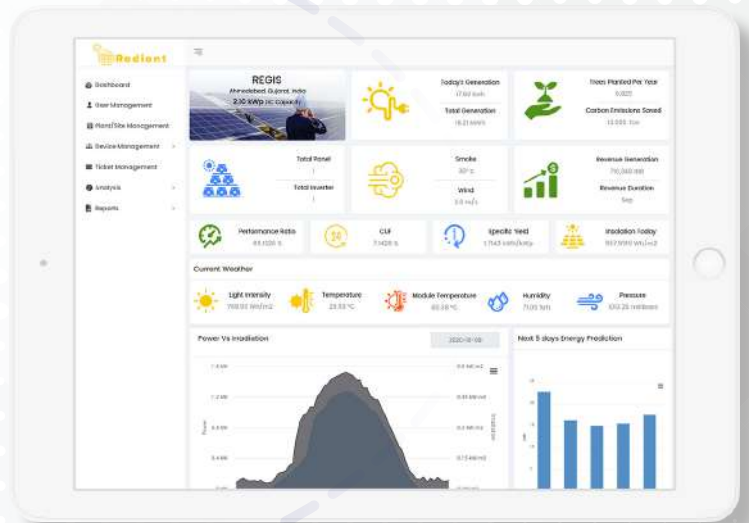


Radiant



SOLAR MONITORING SYSTEMS

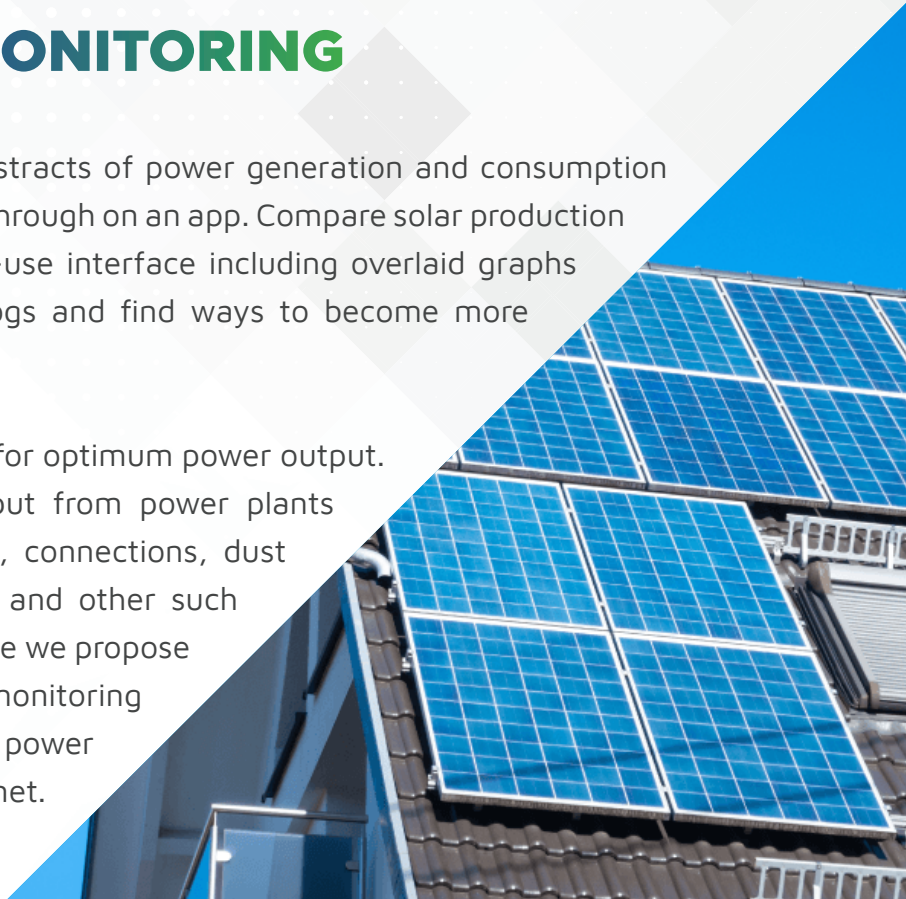
ONE STOP SOLUTION



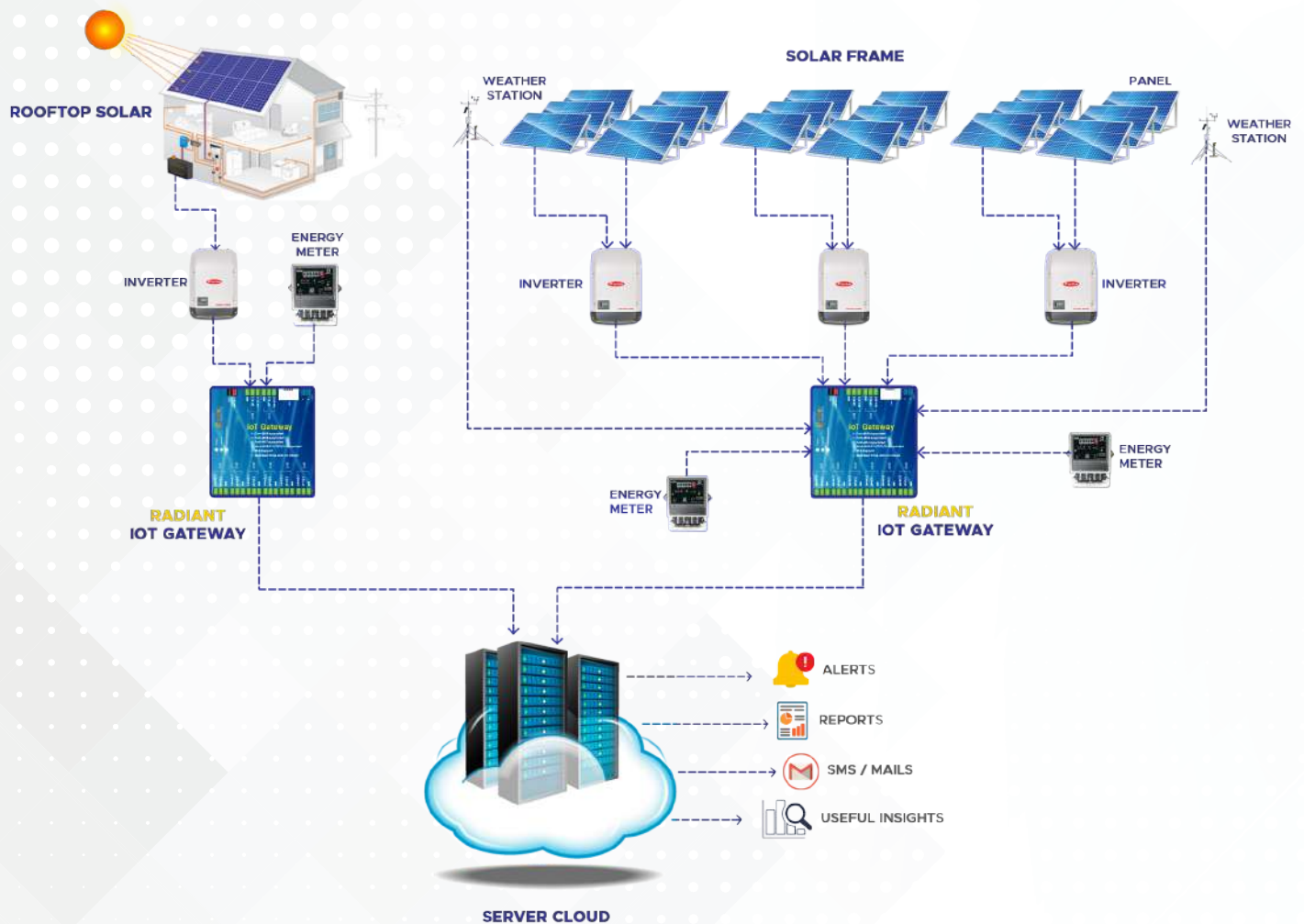
RADIANT - SOLAR MONITORING

Solar monitoring systems change the abstracts of power generation and consumption into graphics and numbers you can scroll through on an app. Compare solar production to energy consumption with an easy-to-use interface including overlaid graphs and historical trends. Identify energy hogs and find ways to become more efficient.

Solar power plants need to be monitored for optimum power output. This helps retrieve efficient power output from power plants while monitoring for faulty solar panels, connections, dust accumulated on panels lowering output and other such issues affecting solar performance. So here we propose an automated IoT based solar power monitoring system that allows for automated solar power monitoring from anywhere over the internet.

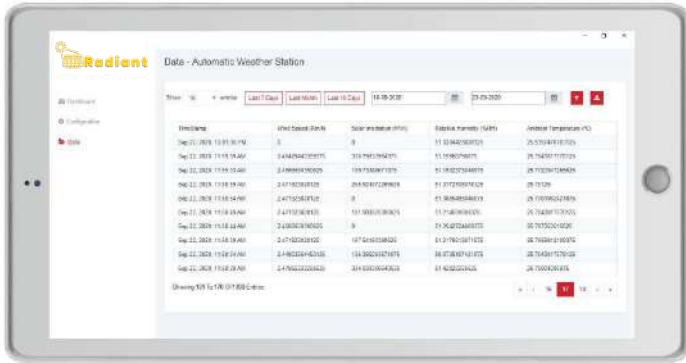


SOLAR COMPLETE INSTALLATION



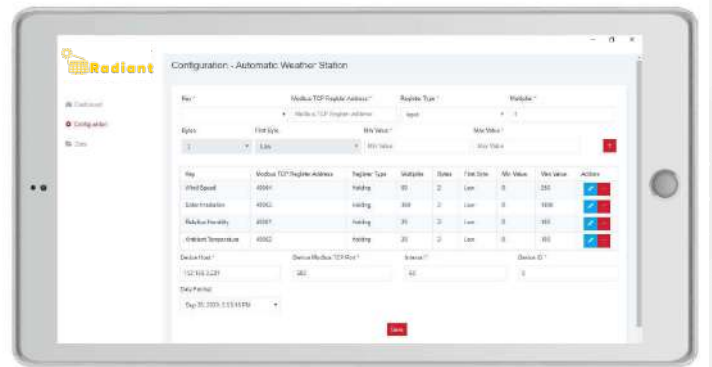
- Our radiant IoT gateway will collect data from energy meters, inverters which collect data from residential solar systems, weather stations and solar stations.
- The Radiant IoT gateway will in turn pass on the collected data from these sources onto the server cloud.
- This collected data will be segregated according to users and the users can get graphical and numerical information in form of SMS notification, reports, alerts, mails, notifications and useful insights

WEATHER STATION MONITORING SYSTEM

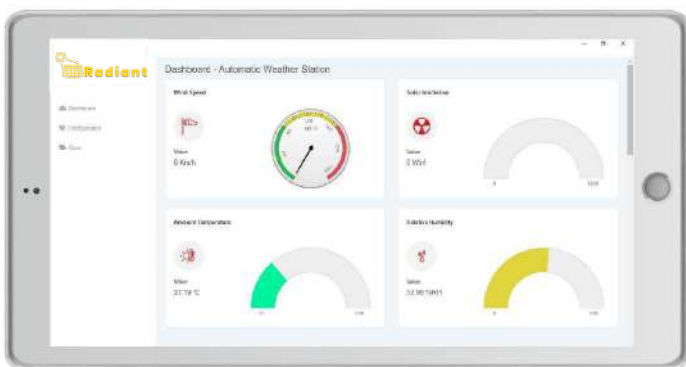


- Our weather station monitoring software gets connected to weather station using Modbus RTU or Modbus TCP.
- It continuously takes data from weather station and displays on dashboard

- The software works locally and does not need internet connection.
- The software is dynamically configurable at run time.



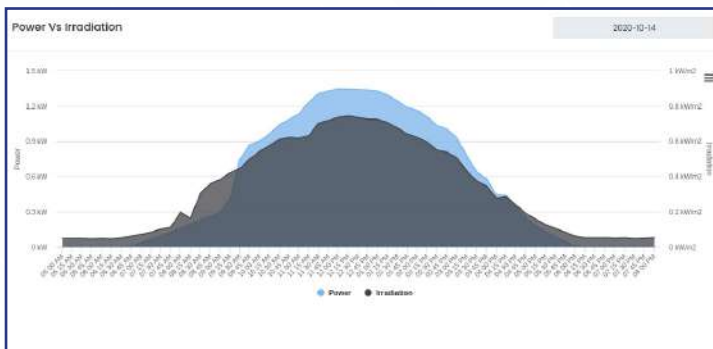
- It shows all historical data up-to 5 years.
- User can also download customized reports.



BENEFITS

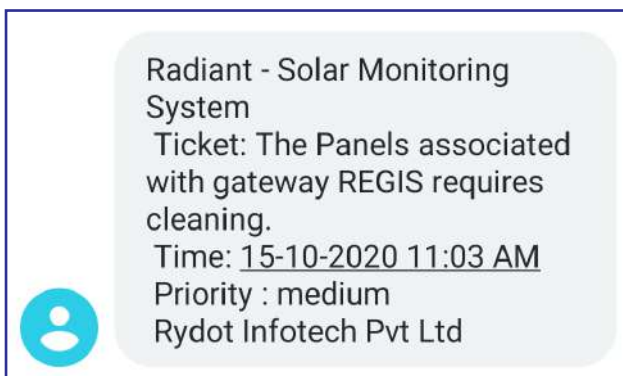
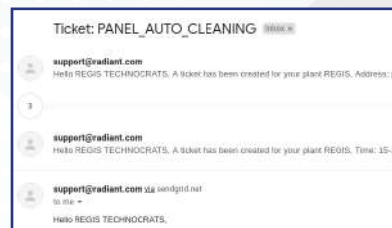
Get information about revenue generation from your solar plant

Duration	Slab	Unit	Amount
Sep-Oct	0-50	50	15,000 INR
	51-100	49	15,680 INR
	101-unlimited	2110.1	696,333 INR
Total Revenue:			727,013 INR

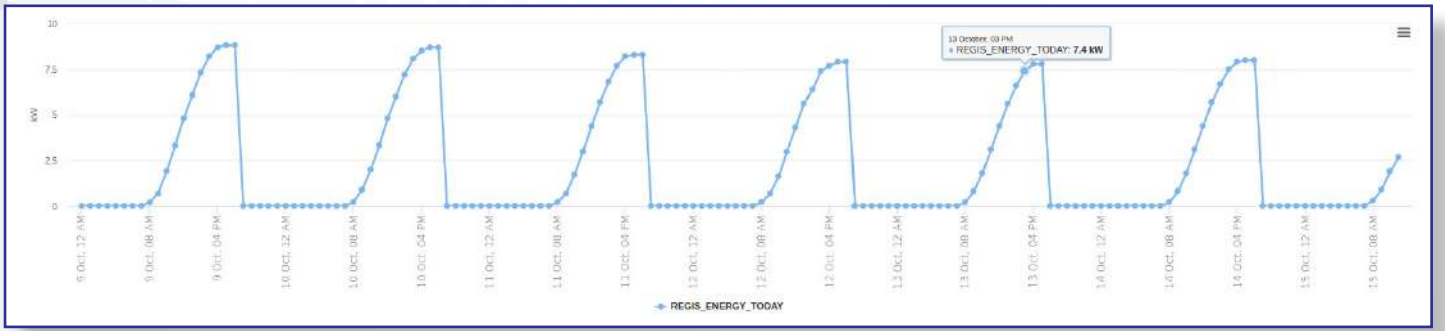


Increase your solar generation by 30%

Get alerts if your inverters and panels are working at 100% efficiency or not

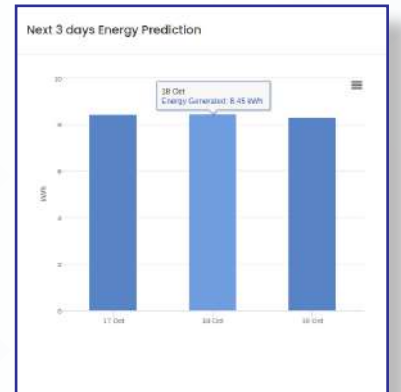


Reduce downtime by getting real time alerts



Get information about energy you supply to grid

Get your personal prediction about solar energy generation at your plant



PLATFORM

INDEPENDENT SYSTEM



DESKTOP



TABLET



MOBILE



RADIANT DEVICE FEATURES



Multiple Connectivity Options
Sim/Lan/WiFi Dataloggers



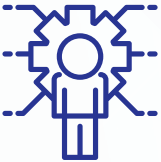
Standalone sensors
Available in various outputs
0-5V, 4-20ma, RS485



Remote Data Access
Monitor remotely on Radiant Solar



Monitor multiple Equipments
like Inverter, Meters & others along
with WMS



Customizable
Extensive sensor options & outputs

100+

BRANDS COMPATIBLE





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