Solar Panel

Components
Inverter
Meter
Storage
Tracker
Module
String
Enviro

Modbus

Raspberry Pi

Internet
SSL/HTTP

Solar Plant

The Solar Plant allows real-time, remote monitoring of the power consumption, fault detection and power regulation.

TOH TICS

The Cloud

All the customer's data, power consumption, solar plants owned, etc. are stored securely and confidentially on the cloud. The cloud can automatically enable/disable power from a client's source, report a faulty device to the administrators, produce statistics and many more services.

Users

Users can look at their power consumption and various different statistics. They can also monitor if there is a fault somewhere in their system.

Administrators

Administrators can consult the same data as the users. They can also manually enable/disable the solar plant remotely, track the solar plants and detect unexpected activity regarding the solar plant's behaviour.