

RUT240 in Solar PV Plants

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A photovoltaic system, also PV system or solar power system, is a power system designed to supply usable solar power by means of photovoltaics. Just like any other device, PV systems require regular monitoring and that's where Teltonika comes in. Read on bellow to find out how one of our clients utilizes RUT routers in their solar PV plants.



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Summary

Solar-Saver uses RUT routers for communication with their solar PV plants.

Customer profile

Solar-Saver is a company that designs, installs and rents solar photovoltaic systems. They cover all the costs for design, installation, monitoring, insurance and maintenance so the only thing that their clients have to worry about is deciding how to spend their monthly savings. They currently run a portfolio of 59 solar plants across Namibia and South Africa covering all corners of the country.

Challenge

The customer needed a communications system that is robust on the unstable local GSM network so that they could monitor all of their solar PV plants in real time without having to travel to the sites.

Solution

After trying a range of GSM routers on the market, the customer settled on Teltonika's RUT routers implementing all of their sites with this technology.

Attachments



Benefits

RUT routers ensure good reliability, which is especially relevant in the fairly harsh Namibian climate. The remote reset and configuration abilities of the devices eliminate the need to physically travel from site to site for maintenance purposes. The small compact din rail sizing fits into their systems perfectly. Finally, the low cost and ease of installation made RUT products the obvious choice to solve the customer's challenge in communication.

External links

- <https://www.solar-saver.net/>
- <https://teltonika-networks.com/product/rut240/>