

RUT950 in Telemetry Stations

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Telemetry is an automated communications process by which measurements and other data are collected at remote or inaccessible points and transmitted to receiving equipment for monitoring. Read on below to find out how one of our clients uses Teltonika's routers in their advanced telemetry station.



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Summary

Centex Systems Integration uses RUT950 routers in their telemetry stations for all of their advanced communication needs, which besides remote monitoring and data transfer includes Wi-Fi (both Station and Access Point modes) and LTE failover.

Customer profile

Centex Systems Integration's primary business focus has traditionally been associated with specialized networking and security systems and building system integration (custom software development). In recent years, the company moved into the LiDAR scanning sector - providing data acquisition systems, mobile telemetry, networking and power systems.

This addition has opened new markets on a global scale in exporting mobile telemetry, self-powered, LiDAR scanning systems to the mining sector

Challenge

The whole point of a telemetry station is being able to collect and transmit data from remote or even entirely inaccessible locations. This means that reliability in communication is as crucial as it can

get.

Solution

There's no mystery as to why the customer chose RUT950 as an answer to their problem, as it provides mission-critical cellular communication capabilities, top of the line Wi-Fi features and an implemented LTE failover solution.

Attachments



Benefits

RUT950 routers support Dual SIM technology, which means they can be configured to switch from using one SIM card to another in case the first fails. The circumstances that define the failure can also be specified (for example, on poor signal quality, data connection fail, etc.) Moreover, it can work both as a Wi-Fi Access Point and as a Wi-Fi Station (both at the same time, if need be) and can support antennas from different manufacturers, which also comes in handy as the client uses their own external radios.

External links

- <https://teltonika-networks.com/product/rut950/>