RUT955 with GNSS antennas

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A **satellite navigation** or **satnav** system is a system that uses satellites to provide autonomous geo-spatial positioning. A satellite navigation system with global coverage may be termed a **global navigation satellite system** (**GNSS**). Read on below to find out how one customer uses Teltonika's RUT routers as their communication solution with high precision GNSS antennas.

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Summary

A customer uses RUT955 routers for remote communication with high precision GNSS antennas, storing data to an SD card when data connection is down and sending data to a remote server when the connection is up, for which they use a set of scripts developed by themselves.

Challenge

Finding a router with reliable remote communication capabilities, customizable firmware and network storage capabilities.

Solution

The solution couldn't be simpler with Teltonika's RUT955 routers in hand as they match all of the customer's requirements, including extensive customization capabilities, a flexible build environment and micro SD card support.

Attachments

Benefits

RUT955 routers provide mission-critical cellular communication capabilities which is imperative for the customer's needs. Furthermore, RUT routers use RutOS - an operating system (OS) powered by Linux based on OpenWRT, and it has GPL package with a build environment provided, making software customization and in turn the incorporation into other systems easy.

External links

- [RUT955 homepage](#)