

CASE STUDY

PRODUCTS

WHITEPAPER

Spanish WISP deploys SAF Lumina in Malaga



In cooperation with SAF partner Artsys Telecom S.L. the solution was found for VoIP and Internet services provider Rebeloak SL (bb4s.com) in the East of Malaga, Spain.

The main challenge was to find a cost-effective solution delivering Gbps connectivity along with over 99.99% availability, QoS for VoIP and video services, the same as immunity from radio interference (F.O. solution), because a repeater point and fiber provider (data centre) are locations with a very aggressive radio electric environment due to the abundance of radio links.

The SAF solution with 18GHz CFIP products was chosen as the most appropriate one providing increased bandwidth, reduced latency, and better availability. Read the full [case study](#) in SAF webpage.

First in the market - SAF Spectrum Compact



Spectrum Compact is **the world's first powerful handheld licensed microwave spectrum analyzer**. It is ultra light and easy to use measurement solution for 6 to 24 GHz licensed microwave frequency bands and designed especially for comfortable outdoor use by network engineers in a variety of challenging environments.

SAF Spectrum Compact is **ultra compact**, industry leading receiver sensitivity, compatibility with any manufacturer's antenna system, USB charging option, no laptop required for usage on-site usage, competitive price and more.

Read about [Spectrum Compact](#) or [get a quote](#).

Is flow control necessary?



Ethernet switches rely on packet switching. The switch establishes a connection between two segments and keeps the connection long enough to send the current packet. Incoming packets are saved in the temporary memory area – a buffer. It is possible to generate traffic that does not exceed 10Mbps and freely passes a particular shaper but overrun CFIP Lumina 128Kbyte buffer.

In this [white paper](#) we will explain the concept of the Ethernet switch buffer and flow control.

SAF Tehnika JSC



24a Ganību dambis
Rīga, LV-1005, Latvia, Europe
Tel: 371-67046836
www.saftehnika.com
www.saf-lastmile.com (online store)

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SAF Tehnika Products Correspond to:

