



POINT-TO-POINT
MICROWAVE RADIOS

TEST & MEASUREMENT
EQUIPMENT

WIRELESS IOT NETWORK
SOLUTIONS

SAF Tehnika is a leading wireless microwave data transmission equipment manufacturer helping to provide connectivity in more than 130 countries worldwide.

SAF Tehnika is ISO 9001:2015 certified and correspond to the major industry standards such as ETSI, FCC, and IC.

The company's product portfolio consists of three major product categories:

- Microwave point-to-point data transmission systems;
- Series of the world's lightest hand-held microwave spectrum analyzers and signal generators;
- Wireless IoT sensor network solutions under the brand name **Aranet**.

SAF Tehnika is committed to the production and delivery of customer-adapted wireless solutions at a competitive price, while maintaining the highest quality standards. Company's shares are publicly traded in NASDAQ Riga stock exchange (SAF1R).

Why choose SAF Tehnika:

- 20 years of experience in microwave engineering
- Systems deployed in more than 130 countries
- Customer-centric policies with excellent technical & customer support
- Short lead times and local stock for selected product lines
- Rapid logistics processes and expertise
- Innovative engineering and ability to provide highly customized solutions
- Exceptional, market-leading quality and warranty terms
- Manufactured in the European Union



POINT-TO-POINT RADIO

Integra series (Integra-G, Integra-E, Integra-W, Integra-X)

Integrated carrier-grade microwave radio, delivering up to 10Gbps full-duplex

- Highest throughput with 4096QAM modulation and bandwidth coverage from 3.5MHz up to 112MHz
- Up to 10 Gbps throughput
- Header compression for better link utilization
- High performance pre-distortion algorithm enables high Tx power
- Unique All-Outdoor integration of the radio, modem, and Ethernet network processor with 3* GE or 2* 10G + GE ports for user traffic
- Direct-mount design allows integration with existing high performance antenna systems or with various aggregation setups
- Industry best corrosion resistance
- Easy to install

PhoeniX G2

Compact and feature rich split-mount solutions for broadcasting, telecom industry, government and many other industries

- Ability to install the system in various network topologies and configurations
- Flexible TDM/IP architecture allows easy transition from TDM-only to hybrid or IP-only with additional option for ASI interfaces for digital video broadcasting
- 2+0 XPIC configuration delivers up to 900Mbps
- High spectral efficiency up to 1024QAM with hitless ACM switching
- Built-in managed Carrier Gigabit Ethernet switch with AES256-bit over-the-air encryption
- Capacity of up to 452 Mbps in 1+0 configuration (full-duplex)

CFIP Marathon II

The most advanced low frequency microwave radio system for industrial applications

- Ideal for TETRA and SCADA applications
- Long Distance Operation (Up to 100km+ / 62,14mi+)
- Unique fanless design that does not require any maintenance
- Modem: ACM and ATPC for longer distance and reliable performance
- Built-in managed Gigabit Ethernet switch for up-to-date network configurations
- All-indoor system for ideal surge protection
- Native Fractional E1/T1 and Serial traffic interfaces

Active Repeaters and solutions for Ultra-Low Latency Networks

- Industry leading active repeaters with the lowest latency specifications
- Full range of customized equipment for LL networks
- Experience in large LL network development
- Top performance and exceptional technical assistance
- Ability to provide highly customized solutions based on customer's requirements
- Deployed in major LL networks in Europe and the USA
- Full-scale project management and on-site assistance



TEST AND MEASUREMENT

Spectrum Compact and SG Compact

World's smallest handheld spectrum analyzers from 300 MHz to 87 GHz and signal generators for 6 - 40 GHz frequency bands

- Excellent tools for: 5G deployment, fast and accurate antenna alignment, interference detection, radio troubleshooting, Tx power measurements and other microwave system analysis

- Smallest stand-alone device on market for on-site spectrum analysis
- Market-leading receiver sensitivity up to -105dB/1MHz: excellent for doing measurements from ground level
- Instant on/off functionality and intuitive graphic user interface
- Line of Sight verification of up to 85km / 53mi
- Included in price is PC software for saved data analysis and remote control of device



WIRELESS IOT SOLUTIONS

Aranet

Industrial wireless sensor network solutions for easy collection and analysis of real-time data. The Aranet eco-system consists of energy-efficient long-range sensors, easy-to-deploy base stations and a sophisticated cloud.

- Simple installation and effortless operation
- More than 20 sensor types for various industries
- Localized 24/7 monitoring and storage of business-critical data
- Data access and analysis via any PC, smartphone or tablet using the complimentary SensorHUB software
- Configurable SMS/E-mail notifications
- Easily scalable over multiple locations with API integrations
- Link base stations to the cloud for secure and uninterrupted access from any location

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