PLACE OF ORIGIN - LATVIA

- Founded in 1918
- Population 2m
- Member of NATO, EU and OECD
- Currency EUR
- Official language - Latvian
LATVIA IS ALSO KNOWN FOR…

Kristaps Porzingis, NBA

Mikhail Baryshnikov, Ballet dancer

Elina Garanca, Opera singer

Mark Rothko, Painter

Zemguss Girgensons, NHL

Lolita Ritmanis, Composer

and more…
ABOUT SAF Tehnika

- Profitable/no debt balance sheet
- Presence in 130+ countries
- Manufacturing in the European Union
- ISO 9001 certified
- 20 years in business
- Publicly traded on NASDAQ Riga Stock Exchange
- Flexible R&D, able to provide custom solutions based on customer requirements
MISSION: SAF Tehnika provides wireless products that connect people, companies and communities to critical information, making the execution of daily activities convenient and safer for all.

VISION: SAF Tehnika is a leader providing innovative highly reliable user friendly wireless products for select markets.

VALUES:
- We keep our promises
- We keep things simple
- We are competent
- We keep innovating
MAIN PRODUCT GROUPS

POINT-TO-POINT SYSTEMS
www.saftehnika.com

MW SPECTRUM ANALYZERS
www.spectrumcompact.com

ARANET WIRELESS SENSOR SOLUTIONS
www.aranet.com
Perfect alternative to fiber
Top Quality
Long distance wireless links
Excellent technical support
Fast & easy deployment
5 year standard warranty
Solutions for
- WISP’s
- Broadcasting (No.1 in USA)
- Public Safety
- Utilities & Mining
- Enterprise networks
- Local Gov’t. & Military
- Low Latency/HFT (No.1 globally)
…and many more
MAIN RADIO PRODUCTS

- **Integra series**
  - Up to 10Gbps
  - Built-in 2+0 XPIC solution
  - 4-4096 QAM modulation
  - Up to 2GHz channel bandwidth

- **PhoeniX-G2**

- **Marathon II**
### MW / T&M PRODUCT OVERVIEW

<table>
<thead>
<tr>
<th>Product</th>
<th>Bandwidth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Integra-E</td>
<td>Up to 10 Gbps</td>
</tr>
<tr>
<td>Integra-X</td>
<td>Up to 2 Gbps</td>
</tr>
<tr>
<td>Integra-G</td>
<td>Up to 1 Gbps</td>
</tr>
<tr>
<td>Integra-W</td>
<td>883 Mbps</td>
</tr>
<tr>
<td>PhoeniX G2</td>
<td>452 Mbps</td>
</tr>
<tr>
<td>CFIP Marathon II</td>
<td>43 Mbps</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Spectrum Compact</th>
<th>JOSSAP93</th>
<th>JOSSAP55</th>
<th>JOSSAP11</th>
<th>JOSSAP12</th>
<th>JOSSAP13</th>
<th>JOSSAP54</th>
<th>JOSSAP60</th>
<th>JOSSAP80</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.3 - 3.0</td>
<td>5.9 - 12.0</td>
<td>10.0 - 18.0</td>
<td>17.0 - 24.3</td>
<td>24.0 - 43.0</td>
<td>56.0 - 67.0</td>
<td>70.0 - 87.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2.0 - 3.0</td>
<td>10.0 - 18.0</td>
<td>24.0 - 43.0</td>
<td>24.0 - 49.0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SG Compact

<table>
<thead>
<tr>
<th>JOSSAG11</th>
<th>JOSSAG12</th>
<th>JOSSAG13</th>
<th>JOSSAG14</th>
</tr>
</thead>
</table>

*All mentioned Ethernet capacities are in 1+0 configuration full-duplex. The capacity is multiplied by number of modes in 2+0 / 3+0 / 4+0 configurations.*

*1 MHz = 12800 AM  **2 MHz = 2x 112 MHz  ***40960 AM  ****491 Mbps without Header compression*
# ONLINE PATH CALCULATOR

## Features

<table>
<thead>
<tr>
<th>Feature</th>
<th>UNREGISTERED USER</th>
<th>REGISTERED USER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Can create new path calculation projects</td>
<td>✗</td>
<td>✓</td>
</tr>
<tr>
<td>Can create new links in project</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Can calculate link budget</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Can access your stored path calculations and projects anytime</td>
<td>✗</td>
<td>✓</td>
</tr>
<tr>
<td>Can share calculations via unique URL</td>
<td>✗</td>
<td>✓</td>
</tr>
<tr>
<td>Can export calculations to PDF files</td>
<td>✗</td>
<td>✓</td>
</tr>
</tbody>
</table>
PERFORMANCE GUARANTEE

- Among the lowest product failure rates in the industry
- Leading MTBF's.
- Every product gets thoroughly tested before shipment
- Every radio passes a full-cycle thermo test (-33°C ... +55°C)
- SAF products are guaranteed to meet our published specifications:
  - Received threshold [dBm]
  - Max. Transmit power [dBm]
  - Payload capacity [Mbps]
Product training
network planning
project management
configuration
staging
deployment
Small & Light, designed for field use
Ready to use full solution
Quickly discover illegal spectrum users from ground level
Quick interference discovery
Every scan can be saved and added to reports
No hidden costs

SPECTRUM COMPACT SERIES
Series of world’s first truly hand-held microwave spectrum analyzers and signal generators for field engineers

- Save scans for reporting and analysis
- Quick interference detection
- Easy RF troubleshooting
- No hidden costs – Firmware updates and PC software included
- 8 GB memory
SPECTRUM COVERAGE

SC RANGE (GHz) | 0.3-3 | 2-8 | 5.95-12 | 10-18 | 17-24.3 | 24-43 | 56-67 | 70-87

SG RANGE (GHz) | 5.95-12 | 10-18 | 17-24.3 | 24-40
INDUSTRIES & SOLUTIONS

✓ 5g
✓ Telecoms
✓ Distributed antenna systems (DAS)
✓ Defence & Aerospace
✓ Drones
✓ Indoor signal mapping
✓ Regulatory
✓ Satellite communications
…and more
ARANET – MAKING SENSORS WIRELESS

Aranet provides most safe and reliable wireless sensor network ecosystem for businesses, consisting of:

- Sensors [SW+HW]
- Radio transmitter
- Aranet LoRa protocol
- Aranet PRO gateway [SW+HW]
- SensorHub online software
- Aranet Cloud
- Techsupport

There’s simply no other company that can provide full solution
Aranet offers a range of sensors measuring various parameters of:

- Temperature
- Gasses
- CO2
- Horticulture-specific
- Current & voltage
- Wireless T/RH
- Distance
BASE STATIONS (GATEWAYS)

Aranet MINI

- Maximum sensors amount: 12
- Built in barometer
- Touchscreen
- Built in audio alarm
- Memory saves data up to 10 years
- Data stored locally
- Protection class: IP40

Aranet PRO

- Maximum sensor amount: 100 / 50 / 12
- Software included: responsive design for PC, tablet or smartphone
- Alarm type: email, SMS (optional)
- Memory saves data up to 10 years
- Data stored locally
- Protection class: IP40
- Ports: AC power, 1 Ethernet, 1 USB A
The Aranet Cloud is finally here!

- Multi-location sensor
- Integrations with other systems
- No installation
- Automated data collection
- Data access from anywhere
- Easy-to-use systems

wwwaranet.com/cloud
There's an invisible elephant in every room, and you should stop ignoring him!

Aranet4 measures:
✓ CO2
✓ Temperature
✓ Humidity
✓ Atmospheric pressure

www.aranet4.com