

SPECTRAS-BASE:

Empowering Real-Time Spectrum Management



Advanced Ad-hoc Spectrum Analyzing and Troubleshooting Platform

Spectras-Base is an all-encompassing software crafted for cutting-edge ad-hoc spectrum analysis and troubleshooting. It is a sophisticated tool that guarantees optimal management of your RF in a wide range of signal-monitoring applications. It empowers users with real-time insights into the spectrum, allowing quick identification and resolution of potential issues.



Advantages of Real-Time Spectrum Monitoring:



- ✓ Immediate Issue Identification
- ✓ Enhanced Network Performance
- ✓ Faster Troubleshooting
- ✓ Proactive Interference Management
- ✓ Dynamic Frequency Allocation
- ✓ Improved Security
- ✓ Optimized Spectrum Sharing
- ✓ Efficient Spectrum Planning
- ✓ Timely Response to Environmental Changes
- ✓ Compliance with Regulations
- ✓ Improved Quality of Service (QoS)

Taking Control with SPECTRAS-BASE

Spectras-Base transcends being just software; it's your dedicated partner in achieving excellence in real-time satellite spectrum management. With its unparalleled features and capabilities, Spectras-Base empowers you to detect and resolve issues swiftly, ensuring a seamless and optimized satellite monitoring experience. Choose Spectras-Base for a more innovative, efficient approach to satellite spectrum monitoring and troubleshooting in the satellite industry.

KEY BENEFITS:

1. **Real-Time Monitoring Excellence:** Spectras-Base is your go-to solution for real-time spectrum monitoring, ensuring immediate awareness of the wireless spectrum landscape.
2. **Comprehensive Spectrum Analysis:** Designed for advanced ad-hoc spectrum analysis, Spectras-Base offers a sophisticated toolkit to troubleshoot and manage your signals.

3. **Unlimited Connectivity:** Connect unlimited spectrum analyzers and external switch instruments, providing unparalleled flexibility in managing your spectrum infrastructure.
4. **Seamless Collaboration:** Display Walls are unlimited, supporting various trace display modes such as Spectrum, Spectrogram, and Trendline Trace modes. Import, export, and share functionalities enable seamless collaboration among users.
5. **Intelligent Dashboard:** The comprehensive dashboard keeps you in control, allowing you to monitor crucial aspects such as alarm status, recording status, instrument connection status, data metrics, and software information.
6. **User Management Perfection:** Spectras-Base ensures optimal user management with unlimited users, compartmentalization, and user-level-based permissions. Compatibility with Active Directory and LDAP streamlines user access.
7. **Instrument Prowess:** Connect and pair instruments based on your needs, with a system overview display providing a holistic view of your spectrum infrastructure.
8. **Advanced Toolset:** Utilize powerful tools like Min, Max, and Baseline, along with features such as monitors, thresholds, spectral mask alarms, cross-pol, trace history, marker history, and trend history for in-depth spectrum analysis.

LICENSING OPTIONS:

The Spectras-Base license is perpetual, allows for multiple simultaneous users and installations, includes free software updates, is tied to the specific instrument, and is non-transferable.

AVAILABLE MODULES FOR ENHANCED SPECTRUM MANAGEMENT:

1. **Advanced History:** Dive into the historical data to better understand spectrum trends.
2. **NIMBUS (Weather):** Integrate weather data for a holistic view of environmental factors impacting spectrum performance.
3. **LIVE Walls:** Collaborate effectively with real-time display walls for dynamic spectrum analysis.
4. **Timeshare (TS):** Optimize spectrum utilization with time-sharing capabilities for increased efficiency.

ABOUT LP TECHNOLOGIES, INC.

With over 25 years of expertise, LP Technologies, Inc. is a leader in cutting-edge hardware and software solutions for satellite detection and interference monitoring. Renowned for pioneering advancements in multi-port remote-controlled spectrum analyzers, LPT remains at the forefront through relentless innovation. They focus on simplifying spectrum analyzers, reducing costs, enhancing connectivity, and addressing complexities. Trusted across diverse industries, LPT is the preferred choice for reliable, advanced satellite technology.