

# SeRo Systems Unveils Real-Time Live GNSS RFI Situation Display to Detect and Monitor GPS Jamming and Spoofing

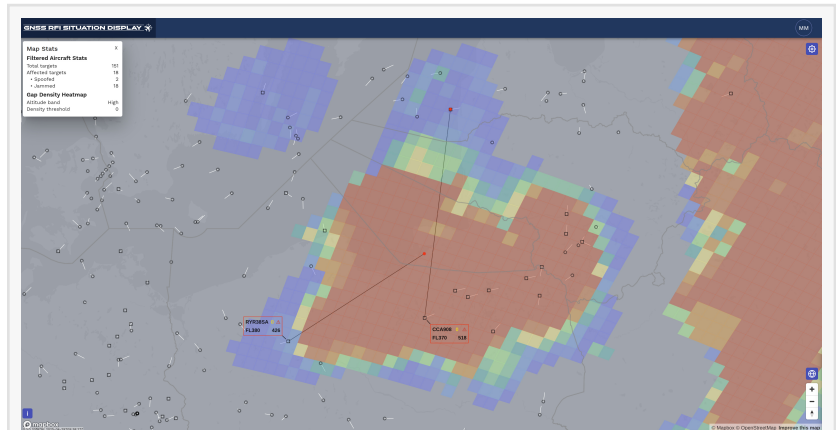
*Detects, identifies, and monitors GPS jamming and spoofing in real time. Short-term predictive alerts indicate when aircraft will experience GNSS problems.*

FRANKFURT, GERMANY, May 14, 2025 /EINPresswire.com/ -- SeRo Systems, a leader in air traffic surveillance security and monitoring solutions, announced today that it is expanding its portfolio with the launch of its newest monitoring technology for improved aircraft situational awareness. The live GNSS RFI Situation Display (GRSD) is the first and only real-time solution that combines live air traffic information with SeRo's advanced GPS jamming and spoofing detection and short-term predictive alerts — offering enhanced visibility into the airspace.



Our new GRSD product delivers real-time insights on GNSS RFI and provides a live operational view that helps users prepare and respond."

*Dr. Matthias Schäfer, CEO of  
SeRo Systems*



Live 3D GNSS Interference Intensity Map

Designed with and customized for ANSPs and spectrum regulators, GRSD leverages SeRo's vertically integrated receiver network and uses its anomaly detection and high-precision multilateration (MLAT) to help users assess their operational picture at a glance. The system monitors the airspace and displays live traffic combined with a color-coded Real-Time GNSS Interference Intensity Map that identifies zones currently subject to interference. The first-of-its-kind short-term interference alerting feature utilizes AI to predict when aircraft will experience interference and

gives the user a time estimate. As soon as an aircraft is impacted by spoofing, GRSD automatically highlights the aircraft and generates an alert indicating both the spoofed and the correct aircraft position.

“With jamming and spoofing incidents on the rise, timely and actionable intelligence matters more than ever,” said Dr. Matthias Schäfer, CEO of SeRo Systems. “Our new GRSD product delivers real-time insights on GNSS RFI and provides a live operational view that helps users prepare and respond. This solution offers the most reliable, proven method of determining the presence of GNSS interference in the airspace and its effects on live air traffic. Together with our SecureTrack solution, ANSPs and spectrum regulators now have the tools they need for unmatched situational awareness.”

GRSD works seamlessly alongside SeRo’s SecureTrack platform, combining real-time data for instant decision-making with historical insights for strategic airspace monitoring, analysis, reporting, and incident investigation.

#### About SeRo Systems

Headquartered in Frankfurt, Germany, SeRo Systems provides technology and engineering expertise to monitor and ensure the security and safety of air navigation and surveillance services and enforce spectrum and regulatory compliance. We design advanced passive air traffic surveillance sensors and software systems that detect jamming, spoofing and other anomalies in ADS-B, GNSS and spectrum data. In cases of GPS-denied environments or corrupted ADS-B data, SeRo’s systems provide independent surveillance using high-precision multilateration (MLAT). Our customers include commercial, military and government organizations in Europe, the US and Canada. For more information about SeRo's innovative solutions, visit [www.sero-systems.de](http://www.sero-systems.de).

#### Media Relations

SeRo Systems

[email us here](#)

Visit us on social media:

[LinkedIn](#)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/812468344>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.