



PYRAMID GNSS™

Pyramid GNSS™ protects the onboard GNSS (Global Navigation Satellite System) receiver from jamming and spoofing attacks.

The technology is a breakthrough in the ability to rapidly design a navigation solution that is resistant to malicious attacks. It allows detection, mitigation, and reporting

of both spoofing and jamming attacks while still providing accurate position, navigation and timing. It is the first solution relevant to the commercial sector in terms of performance, price, size, and weight.

The Threat

Jamming is a denial of service attack, preventing a GNSS receiver from locking on and tracking GNSS signals. Spoofing is a smart attack, causing a GNSS receiver to report a valid but false position and time.

// Protection Capabilities



360 Degrees Protection



Detects Spoofing



Mitigate Spoofing (V2)



Detect and Mitigate CW Jammers (V2)

// Product Highlights



Seamless Integration



Real-Time Alert



Compact Size



Low Cost

// Technological Features

Integrated with existing receiver or installed as a stand-alone system.

Compatible with all GNSS constellations Inc. GPS, GLONASS, Galileo, BeiDou.

Detect, report and mitigate spoofing and jamming.

Continue providing correct position, navigation and timing.

// Industries

Automotive

Maritime

Aviation

Critical Infrastructure

Drones

Regulus Cyber

Regulus is the first company dealing with sensor security, enabling uninterrupted, continuous operation under malicious attacks or accidental interference to sensors.

Today, little is done to secure sensors against spoofing and jamming attacks. The sensor threat is growing rapidly with real-world attacks happening across multiple sectors and is expected to increase further as sensor-dependent systems become more connected and autonomous.

To address these emerging threats, Regulus is offering Pyramid – a set of technologies aimed at defending GNSS, LiDARs and Radars.



Regulus Cyber . Cyber Defense for Sensors

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