

Delivering Mission-Critical Defence Capabilities

Novator Solutions develops RF acquisition, electronic warfare (EW), signals intelligence (SIGINT), and positioning technologies that enable defence organisations to detect, monitor, locate, record and analyse electromagnetic signals and environments. Combining expertise in software-defined radio (SDR), high-speed data processing and systems engineering, Novator Solutions delivers configurable products and tailored turnkey solutions for defence, intelligence and security.

Built on modular architectures and open interfaces, Novator Solutions systems are designed to integrate into existing operational workflows, while providing the agility and flexibility to rapidly adapt to evolving mission requirements.

DEFENCE CAPABILITY AREAS

Strategic SIGINT & Spectrum Awareness

Capture and analyse communications activity across broad frequency ranges with scalable, high-capacity receiver platforms capable of supporting national-level COMINT and spectrum monitoring missions.

Electronic Intelligence & Signal Recording

Record and preserve mission-critical RF activity for post-mission analysis, threat characterisation, emitter identification and intelligence exploitation.

Tactical Comms Electronic Support Measures (C-ESM)

Provide deployed forces with rapid signal detection, interception and direction-finding capabilities to enhance situational awareness and support operational decision-making.

Resilient Positioning, Navigation & Timing (PNT)

Maintain operational effectiveness in contested and GNSS-denied maritime environments through alternative positioning and ranging technologies.

Test, Evaluation & Open-Air Range Operations

Monitor telemetry, datalinks and RF activity during trials, weapons testing and training exercises to provide comprehensive visibility of range operations.



NOVATOR SOLUTIONS PRODUCTS

Multichannel COMINT Receiver

HUGIN 4000 is Novator Solutions' receiver platform for **strategic communications intelligence operations**. Designed around a scalable SDR architecture, it provides extensive RF coverage, high channel density and the ability to simultaneously intercept thousands of signals. The platform supports monitoring, scanning and direction-finding applications while providing the flexibility required for fixed-site installations, maritime assets and other strategic collection environments.

Mobile Monitoring and Direction Finding

RXDF3104 provides a tactical, deployable solution for **communications electronic support measures (C-ESM)**. Designed for signal interception and direction finding, it enables operators to rapidly detect, identify and locate emitters in dynamic operational environments. Its compact form factor and turnkey design make it well suited to manned and unmanned vehicles.



Resilient Maritime Navigation

NJORD provides **resilient positioning, navigation and timing** capability for maritime operations when GNSS availability cannot be assured. By delivering an alternative source of positioning information from terrestrial beacons, NJORD helps maintain operational effectiveness in contested electromagnetic environments.

RF Recording, ELINT & Test Range Monitoring

Novator Solutions provides advanced **RF recording and monitoring** capabilities for intelligence collection, and test and evaluation. At the core of these solutions are the MUNIN 1005-IF and ODEN 3001 high-performance recording platforms. These recorders enable comprehensive monitoring of telemetry, datalinks and emitter activity, supporting ELINT collection, weapons trials, flight testing or open-air range operations.



Novator Solutions AB, part of Defensor Group, is at the forefront of SIGINT and EW technology. Our highly skilled R&D team combines expertise in high-speed data processing and software defined radio (SDR) technology to develop cutting-edge monitoring receivers and RF signal recorders. Our software proficiency, combined with modular hardware designs, allows us to create customised solutions that meet specific project and mission needs.

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