Storm-H is an ultra-compact, lightweight ECM system based on proven technology that provides personal protection for individuals against Radio Controlled Improvised Explosive Devices.
Storm-H offers complete independent personal protection whilst enabling complete freedom of movement.

ECM EVOLVED
Look beyond the limits of cumbersome ECM equipment and unleash the freedom of your forces with Storm-H.

Storm-H is an ECM system that provides individual protection against RCIED attacks. Individual ECM is a new concept in counter RCIED protection. By distributing the ECM protection, Storm-H lightens the load on the user and allows a team to become more agile and effective. Manpack and vehicle based ECM requires dismounted users to limit operations to within an invisible safe zone. With Storm-H, users can leave the safe zones of larger systems or replace them entirely, giving them the freedom of movement they need.

Easy to assemble in seconds, ultra-compact and lightweight, Storm-H can be used in cramped and previously inaccessible areas. With its intuitive user interface anyone can quickly learn how to use Storm-H. With a battery life of over eight hours, long operations can be performed without changing the battery or carrying excessive spares.

Covert missions can be undertaken as Storm-H is completely silent when operational and is fitted with unobtrusive antennas. It is robust and suitable for harsh environments.

EXTENDING ECM PROTECTION TO EVERYONE
Storm-H is ideal for protecting specialist military personnel such as observers, mentors, dog handlers or engineers who operate in small, detached teams and need protection via an Individual ECM system.

Storm-H can also be used for domestic emergencies that require a response from combined civilian and military services. It allows first responders to be protected with a lightweight, unobtrusive, ‘turn on and forget’ capability that operates in conjunction with other systems or to protect unmanned search and disposal vehicles during dangerous military or civil operations. Storm-H can be easily installed on unmanned search vehicles or used as a ‘leave behind’ capability.
TRAINING COURSES
Buying new equipment requires training for everyone from operator to planner and maintainer. Thales has developed a set of training courses to ensure all personnel are quickly and effectively operational. These training courses can be tailored to meet any specific needs and are delivered by personnel with experience of Storm-H and the ECM operational environment.

SUPPORT FOR YOU
When you buy Storm-H, you want peace of mind. With Thales present in over 60 countries, you are never far from one of our representatives. Thales offers a comprehensive range of support packages that can be tailored to your specific needs.

SERVICE
Thales maintains an extensive library of waveforms and can also provide the service of its dedicated team and Threat Cell to create new algorithms.

KEY FEATURES

SIMPLE TO USE
Intuitive and easy to use, Storm-H is composed of three parts: an inhibitor unit, a battery and an antenna that all clip together in seconds. The clear and concise interface and one button operation requires minimal training. Security is assured with built-in anti-tamper and zeroise functionality.

FLEXIBLE
High speed Direct Digital Synthesis (DDS) processing provides Storm-H both lightning fast performance and programming flexibility to target new threats. Thales offers a range of accessories and enhancements to meet customers’ specific needs. Storm-H is also compatible with existing ECM capabilities.

LIGHTWEIGHT AND POWER EFFICIENT
Compact, light and robust, Storm-H improves users’ manoeuvrability while performing dismounted operations. It’s low power requirement means it provides protection to dismounted personnel for up to eight hours between recharging or battery switchovers.

WAVEFORM FLEXIBILITY
Thales offers considerable experience in the creation of countermeasure waveforms. The waveform development application allows sovereign countermeasure to be defined.

BETTER INDIVIDUAL AND GROUP PROTECTION
In some operational theatres, P-ECM innovations like Storm-H can replace existing portable devices whose weight and size may restrict movement or tactical agility.

Storm-H can complement existing hardware and can be intelligently configured to provide maximum protection – enhancing individual protection against the same threats as current dismounted ECM Force Protection suites.

STORM-H FAMILY VARIANTS
- Wideband: To inhibit short range, low power RF devices
- 2G: Targets second generation mobile and cordless phones
- 3G: Combating third generation mobiles and ISM devices

Storm-H can be mounted to unmanned ground vehicles for search and bomb disposal missions.

With no moving parts, Storm-H runs silently, never giving away your position.

Storm-H’s features make it relevant for both military and civil scenarios.

Storm-H is made up of three units that clip together in seconds: battery, inhibitor unit and antenna.

Storm-H can be mounted to unmanned ground vehicles for search and bomb disposal missions.
SPECIFICATIONS

Variants: Wideband, 2G, 3G
Battery life: 8 hours minimum
Band matched antennas:
Size (excluding antenna): 211 x 38 x 75 mm
Weight (excluding antenna): 1000 g
Controls: On / Off switch
Operating temperatures: -20°C to +60°C
Environmental: IP67

Ancillaries:
- Waveform creation tools
- Mission fill software
- Battery charger

Support:
- Defeat waveform library
- Waveform creation / adaption services
- Through life support
- Training services

EXPERTS IN ELECTRONIC WARFARE

Thales is dedicated to making the world a safer place by developing market-leading Electronic Warfare equipment for a wide variety of governments and forces around the world. Thales has pioneered the development of technologies and solutions in the counter Radio Controlled IED (RCIED) domain.

Thousands of these systems have been delivered and are currently in service with the UK and French armed forces. Thales is recognised as a world leader in designing and building mission-critical information systems for defence and security, aerospace and transportation.