

# EMERGENCY PROTECTION



## *SWORD Overview and Frequently Asked Questions*

### 1. What is SWORD?

- SWORD is the world's first, low cost, mobile, proactive, hand-held, multiple threat detection and identification device
- SWORD scans persons and containers for weapons and explosives up to 30 feet away and scans for facial recognition in less than a second and, it provides gunshot detection and location
- SWORD technologies, including a 6-hour lithium battery, are embedded in a military-grade case and secured to an iPhone 8 Plus or iPad platform
- SWORD utilizes software embedded with machine learning and artificial intelligence to constantly upgrade its threat detection and identification profiles

### 2. What are the capabilities of SWORD?

- SWORD capabilities include the proactive, non-invasive, remote scanning of persons, objects and packages for detection and identification of weapons and explosives 30+ feet away
- SWORD's threat scanning function is a combination of 2 commercially available technologies connected by proprietary software algorithms; low frequency millimeter-wave and thermal recognition (FLIR)
- Millimeter wave detects the unique radiation signature of an object and the thermal camera picks up the temperature difference of objects and a person's body
- SWORD is safe. It emits less radiation than a cell phone
- SWORD uses generic body outlines in showing possible threats on an individual
- SWORD's threat scanning functions can operate in any weather condition and total darkness
- SWORD can perform individual and group facial recognition scans with 98+% reliability
- SWORD facial recognition scans in single or group modes and are completed in less than 1 second with images screened against public or private databases
- SWORD does not record or retain any facial images; it screens only against the data base created by or accessed by the SWORD user
- A USB/Flash Drive port is at the bottom of the SWORD case allowing a secure transfer of the blacklisted facial recognition database even when in a remote area with no network coverage
- SWORD incorporates a proprietary facial recognition software that uses multiple facial data points and its accuracy is not impacted by visual distractions such as beards and hats
- SWORD is designed with acoustic sensors to recognize and locate gunshots in real time and notify other SWORD users

### 3. SWORD Accessories

- SWORD has integrated Smart Glass and testing the Vuzix Blade and Google Glass Enterprise AR glasses to determine which platform works best. The glasses will mirror what is happening on the iPhone/iPad version and will connect via Wi-Fi allowing security personnel

to be on the other side of a building/venue and still be able to get the visual feed of the SWORD device, with the audible and voice alerts embedded in the smart glasses

- SWORD is incorporating a Chest Strap for mounting the iPhone version onto a standard issued body armor vest.

#### **4. How do you use SWORD?**

- SWORD requires little or no formal training or certification; a 'how to use' tutorial is contained in the pre-loaded SWORD app
- SWORD is delivered attached to an iPhone or iPad, with an activated cellular SIM card and unlimited text, voice and data plan... immediately ready to use out of the box
- Simply turning on the device and clicking on the SWORD app initiates the function screen
- Next, just tap on the desired function for use
- 24/7 customer service and support is also available

#### **5. Are there any privacy, legal or regulatory concerns with the use of SWORD?**

- SWORD is non-invasive and utilizes a generic body image shape to indicate the location of possible weapons or explosives; it does not use a personal body image in its scan
- SWORD is used in accepted security and safety screening; its results can establish a basis for probable cause for additional measures
- SWORD does not retain facial images on the device or in the Cloud; it simply screens a facial image against existing user data bases
- Personal privacy policies will differ among districts and states and must be addressed by the SWORD user though by SWORD not creating body images, not retaining facial images and accessing only the facial data base intended by the user, SWORD should not create privacy issues regarding its use
- SWORD is approved for use by the Federal Communications Commission

#### **6. What happens if the SWORD device is lost or stolen?**

- SWORD's parent company Royal Holdings Technology Corp (RHTC) can locate the device using tracking technology and the serial number embedded in the device
- RHTC can also remotely disable SWORD's functionality to prevent concerns regarding its misuse
- The cellular carrier can also remotely disable the cell phone portion of SWORD

#### **7. What happens if SWORD and/or the iPhone or iPad is damaged or does not work?**

- In addition to the ongoing software and machine learning upgrades of SWORD provided in the monthly subscription fee, also included is SWORD Care
- SWORD Care is an unconditional replacement warranty where upon notification of any damage or operational problems by the SWORD user, a new replacement SWORD device is shipped overnight to the responsible party at no cost, no questions asked

#### **8. What happens at the end of SWORD's 2-year contract?**

- The SWORD owner may continue to use the device and phone month to month under the original contract pricing and terms and conditions
- The SWORD owner may also return the SWORD device for a credit towards the most current upgraded versions of SWORD technologies and communication platform (currently the iPhone and iPad)

**9. Are there leasing options available for SWORD?**

- Currently and due in large part to the low cost of SWORD, leasing options are available on a case by case basis for large orders

For further details or enquiries into SWORD please contact us at;

Email: [sales@emergencyprotection.co.uk](mailto:sales@emergencyprotection.co.uk)

Phone: (+44) 7786040502

