



1. AMMS (Acoustic Multi-Mission Sensor)

In 2012, the Dutch ministry of defence formally commissioned Microflown AVISA to provide the world's first AMMS system initially for range safety and training. The ground based AMMS are in use in various countries throughout the world (NATO and non-NATO) for compound protection, protection of critical infrastructure and/or border protection scenarios/solutions. AMMS offer a true multi-threat capability and can locate Small Arms Fire at the same time as Rockets, Artillery and Mortars. The latest generation of AMMS can be deployed and repositioned remotely as a quadcopter.

2. Vehicle Based AMMS (V-AMMS)

After the successful development of the ground based AMMS, the Dutch MOD funded the advancement of the Vehicle Based AMMS (V-AMMS). V-AMMS has been developed as a reliable and accurate alternative to existing microphone based gunshot and sniper localization systems for vehicles. V-AMMS can be mounted on various types of vehicles providing the crew with a 360 degree situational awareness. In multi-shooting scenarios, the unique Acoustic Vector Sensor technology allows V-AMMS to deliver solid directions and ranges, when other systems normally fail.

3. UAV Based Acoustic Target Acquisition and Sense & Avoid Payload

The game changing UAV payload can acoustically locate sniper and artillery firing positions and cue the camera onto the shooter once a shot was fired. Showcased on the FlyEye UAV in cooperation with WB Electronics, this unique payload was awarded with the Defender Award at the MSPO, in 2014. The lightweight payload is designed for fixed wing UAVs and has a total weight of 110 grams. A custom integration is possible on demand.

4. ACoustic HOstile Fire LOcator (ACHOFILO)

Hostile Fire Indicator solutions for manned helicopters are typically designed to counter highly sophisticated threats. Microflown AVISA developed the ACHOFILO system to locate hostile shooters, firing regular 7.62 or larger calibers at helicopters. This technology has been successfully demonstrated in cooperation with the Dutch Armed Forces in 2013.