



Ascent Vision Technologies Announces New CUAS System Release

April 29, 2020, Bozeman, Montana....As the need to continue to adapt to the growing threat posed by small unmanned aerial systems (sUAS), Ascent Vision Technologies (AVT) has released the latest variant of the eXpeditionary Mobile Air Defense Integrated System (X-MADIS), offering next-generation portable, on-the-move counter sUAS capabilities.

The newest version of the X-MADIS incorporates several new hardware components for enhanced ruggedness and on-the-move accuracy in rough terrain. It also offers improved power distribution and simpler setup and deployment. To ensure no threat goes undetected, the X-MADIS combines radar with a radio frequency (RF) detection sensor for reliable detection, classification and locating of commercial sUAS.

Tailored to each mission, customers now have a choice of multiple electronic warfare systems to defeat sUAS and drone swarms. Two gyro-stabilized optics are available for integration, including the pioneering CM262 4-configuration, 26lb payload and the field-proven CM202U 12lb payload. Both optics are enhanced with smart features, artificial intelligence and machine learning capabilities for improved situational awareness.

“Our top priority is keeping our customers better protected against the threat, which is why we continually deliver upgrades to the X-MADIS system,” said Lee Dingman, AVT President. “This latest X-MADIS version is the result of three years of development, testing and integration of new and improved features and components. Our Counter UAS team is responsive to our customers’ demands, and we constantly evaluate the future threat to keep our customers ahead of their enemies.”

Integrated using AVT’s latest CUAS Suite software release, the X-MADIS provides seamless command and control of all components and features. Operators can rapidly detect, locate, track, identify, classify and defeat a sUAS or drone swarm using the touchscreen interface.

About the X-MADIS

The X-MADIS is a fully integrated system that combines the most innovative technologies to offer a powerful fixed-site and on-the-move (OTM) counter UAS solution. The system includes AVT’s pioneering CUAS optic, four all-threat air surveillance radars and an electronic warfare system. These components are seamlessly integrated with AVT’s intuitive command and control (C2) software, CUAS Suite, for complete command and control of the entire kill chain. CUAS Suite is a touchscreen interface that ties all the components together into a user-friendly and rapidly-deployable system.

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About AVT

Ascent Vision Technologies (AVT) specializes in gyro-stabilized imaging systems, fully integrated solutions and innovative software for ISR (intelligence, surveillance and reconnaissance), air defense and counter drone operations for the defense, aerospace and unmanned systems industries. AVT's systems are supporting airborne, ground and maritime missions around the world. Founded in 2015 by combat veterans of the U.S. Military, AVT has become a leader in various disciplines, including counter drone technology, aerial firefighting sensors and surveillance systems, and offers custom innovations as well as a range of field proven solutions. For more information, please visit, www.ascentvision.com.



X-MADIS OTM Upgrade

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