



M.A.D.S MARTEK ANTI-DRONE SYSTEM A QUICK GUIDE

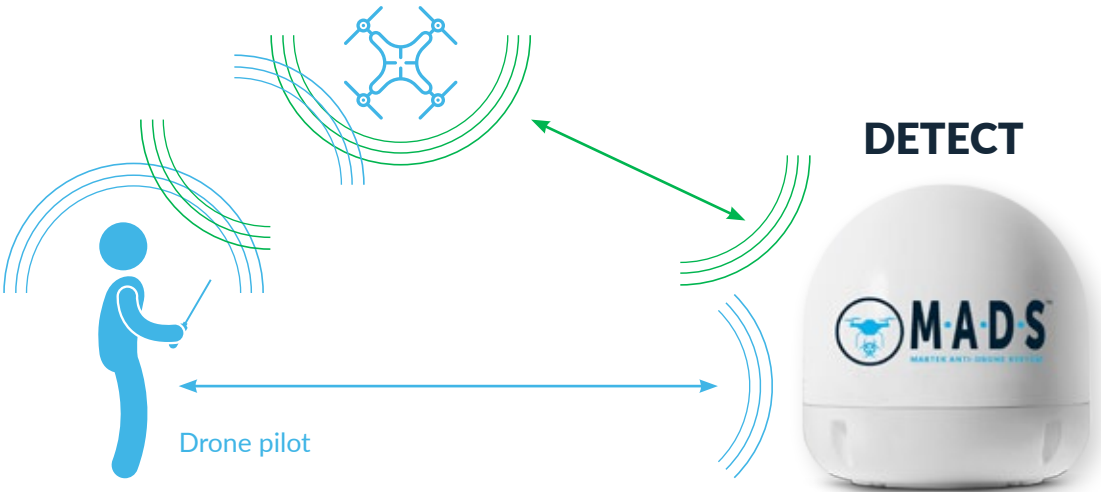


The Martek Anti-Drone System (M.A.D.S) can be configured with a number of different options to provide a tailored solution for your needs. Here's a quick guide to how each of the available technology works.



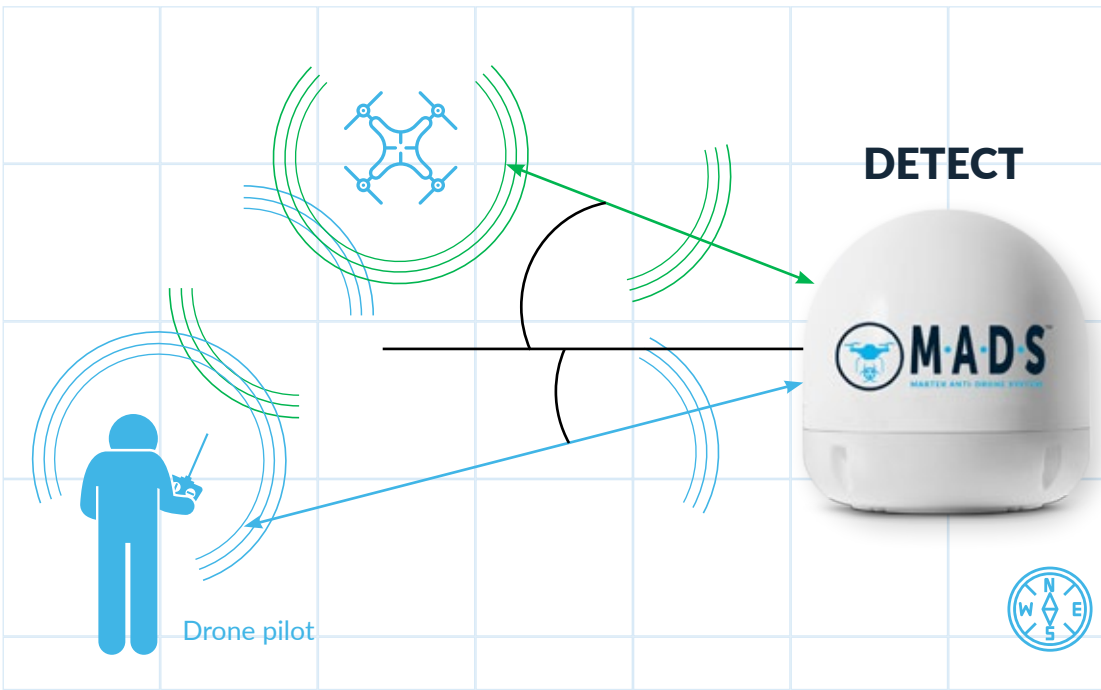
01 | HOW DETECTION WORKS

The drone and pilot communicate with radio frequency (RF) signals. These signals are detected by the M.A.D.S detection device.



02 | HOW LOCATION WORKS

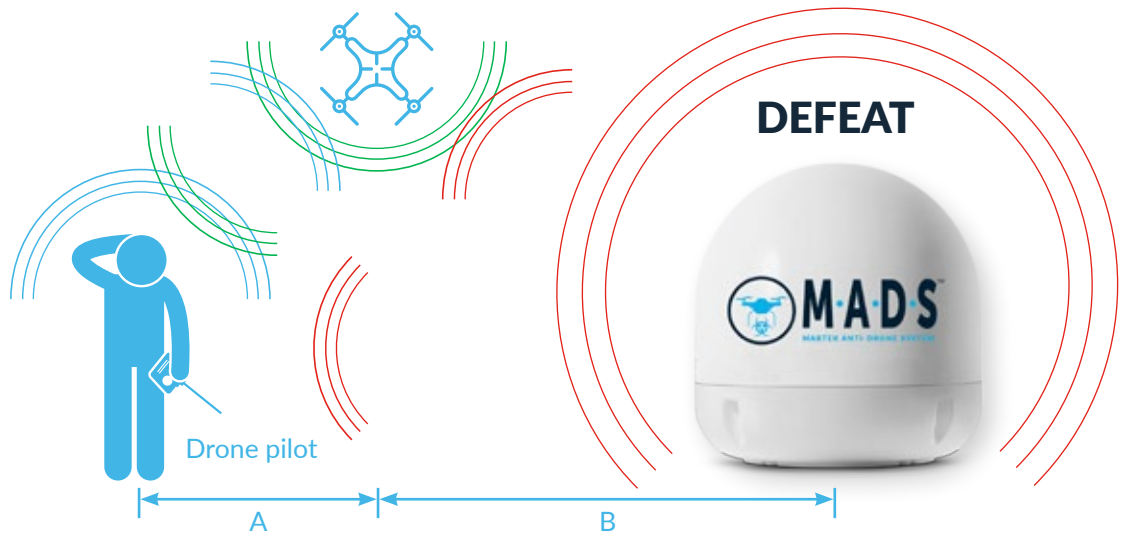
By determining where around the sensor the drone and pilot are the detect dome can place these onto the map display.





03 | HOW 360X180 DEFEAT WORKS

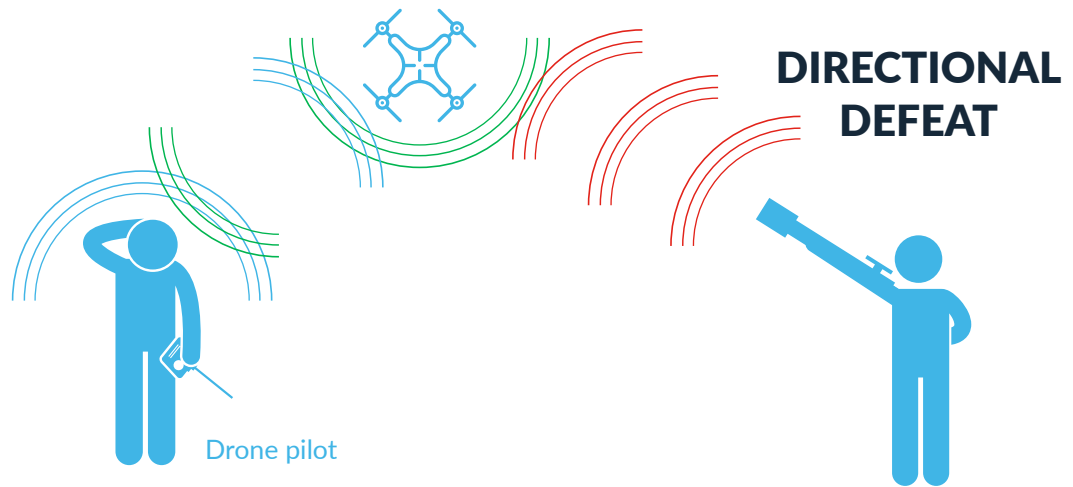
By transmitting a higher powered signal we can overpower the RF signals and defeat the connection. The further the drone from the drone pilot the weaker the signal to overpower. The ratio between the pilot-drone and defeat-drone when defeat first takes place is the defeat ratio A:B.





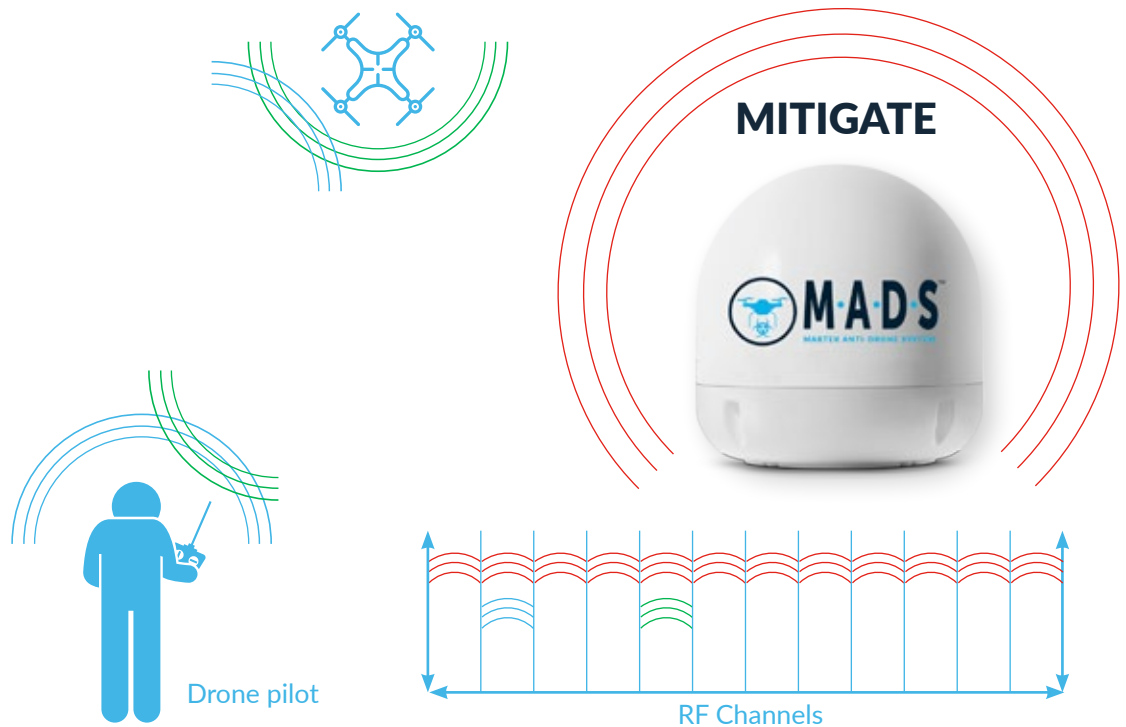
04 | HOW DIRECTIONAL DEFEAT WORKS

A narrow beam of RF disruption is directed at the drone to target it specifically.



05 | HOW THE MITIGATOR WORKS

The drone and pilot RF signals use slices of the available RF Spectrum. The mitigator takes all the available slices leaving no spectrum available for the drone and pilot.





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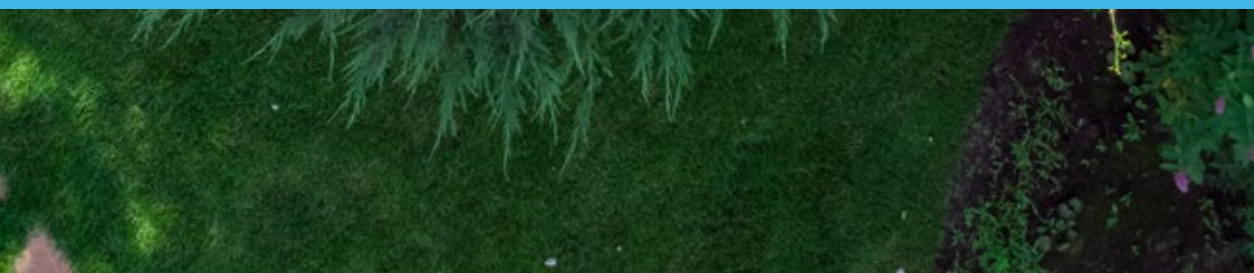
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