

Muscat Airport installs World's First fully working Drone Detection System AARTOS worth 10 Million Euros

Muscat, 21 January 2019

Oman, the first country in the World, to agree with a German Company, Aaronia AG, to supply and install a state of the art Drone Detection System at Muscat International Airport.

The Government of Oman has approved Aaronia AG (Germany) in partnership with R & N Khimji LLC as the approved solution for drone detection at Oman Airports. The solution has already been demonstrated in country and is able to detect drones and other devices using radio frequency with range of up to 50 km depending on the specifications. The system can detect multiple drones at various frequencies simultaneously and comes equipped with sophisticated long-range cameras for additional verification. Aaronia has been working with high end RF and Microwave systems for over 15 years with all software and hardware being developed in Germany.

Drone detection in airports has become a vital requirement with several instances causing disruption of airport services around the world. Most notably, over the past month at Heathrow and Gatwick Airports in the UK. Oman Airports has been searching for an optimal solution for some time and the limitation of most systems using Radar technology is that they cause interference with existing airport systems, have a low detection rate and by nature produce lots of false alarms. Aaronia's unique solution uses latest AI based RF detection instead and even emits no signals, therefore cannot interfere with other systems running in our airports. Additionally it can detect the location of the operator of the drone. Finally Aaronia's unique situation awareness software "RTSA SUITE PRO" incl. 3D map, camera control and real time air traffic display brings the airport security to a complete new level. Procurement of the system for Muscat International Airport has been confirmed and it will be the first International Airport in the World to have an operational Drone Detection System.

Various government agencies rely on Aaronia's AARTOS DDS systems, most notably police and military forces. AARTOS is used for the protection of high-profile personnel, national infrastructure or strategically important sites, namely power plants, correctional

Aaronia AG
Gewerbegebiet Aaronia
54597 Strickscheid
Germany

Aaronia Communications
T: +49 6556 93033
F: +49 6556 93034
M: mail@aaronia.de

www.aaronia.com

facilities, borders, political or VIP events as well as military airports and airbases.

The AARTOS detect-identify-track-and-defeat C-UAV system was released to the market in 2015, and is currently in its 3rd generation. The 4th generation is scheduled for market release in summer 2019.

Over 50 AARTOS systems were installed in 2017, while Aaronia has already received more than 300 new orders in 2018.

About Aaronia AG

Based in Germany, Aaronia AG designs and develops RF and MW test and measurement equipment. Founded in 2003, the company's initial focus lay on spectrum analyzers, generators, antennas and shielding materials. Aaronia's main focus has since become the design and development of high-end drone detection and counter-UAV equipment based on RF signal detection. After four years of development, the AARTOS Drone Detection System was released in 2015. Now in its 3rd generation, the system and its range have been refined and expanded with every iteration. Aaronia's customer groups include government agencies such as police and military forces.

All Aaronia products, both hard- and software, are designed and developed in the company's headquarters in Strickscheid, Germany.

For further information, please visit:

www.aaronia.com

For **media** or **press inquiries**, please contact:

Manuel Pinten	Phone:	+49 6556 9019355
	Email:	mail@aaronia.de