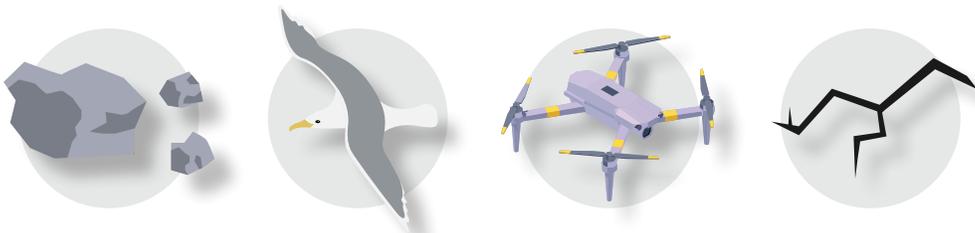




DIGITAL AIRFIELD SOLUTIONS

INTEGRATED BY MOOG

Airfields are complex operating environments. New technologies integrated into a user centric interface can significantly enhance situational awareness and enable a step-change in data insights. Therefore improving safety, and reducing cost and disruption for all aviation stakeholders.



FOREIGN OBJECT DEBRIS

Even small objects can cause significant issues for aircraft and engines. DAS utilises world-class radar and camera technology to detect debris in near real time, so that FOD events can be resigned to the past.

BIRDS

The original and ever-present threat to aviation. DAS includes state-of-the-art avian radars to provide real-time situational awareness to ultimately reduce bird strikes.

DRONES

A new aviation threat with a potentially malicious twist. DAS includes a combination of Drone Detection sensors, to remain effective across a range of Drone incursion scenarios.

PAVEMENT DAMAGE

Pavements degrade over time, which results in runway unavailability and debris generation. DAS includes sensors that scan airfield pavements on a regular basis, to identify degradation trends and flag time-sensitive interventions.



BEST IN CLASS RADARS

DAS is built on a core of three cutting-edge radar systems, each specialised in detecting specific Airfield threats.



IRIS® 3D DRONE RADAR

Micro-Doppler technique detects the unique profile of rotor blades



MAX® 3D BIRD RADAR

Birds and flocks detected up to 6 mile (10km) range



TARSIER® FOD RADAR

Tarsier® detects small debris in minutes, in all weather conditions



GENERAL USER INTERFACE

Critical decisions about complex situations are made in near real time. So the DAS general user interface is optimised to provide the Airfield Operations team with the right information at the right time.



REMEDIATION

Airfields are large spaces, but the issues to be resolved can be small and hard to find. DAS includes a mobile application that provides pinpoint navigation to any location on the airfield.

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