

# DIGITAL AIRFIELD SOLUTIONS

## POWERED BY MADS™

Airfields are complex operating environments. New technologies integrated into a user-centric interface can significantly enhance situational awareness, and therefore improve safety, and reduce cost and disruption for all aviation stakeholders.

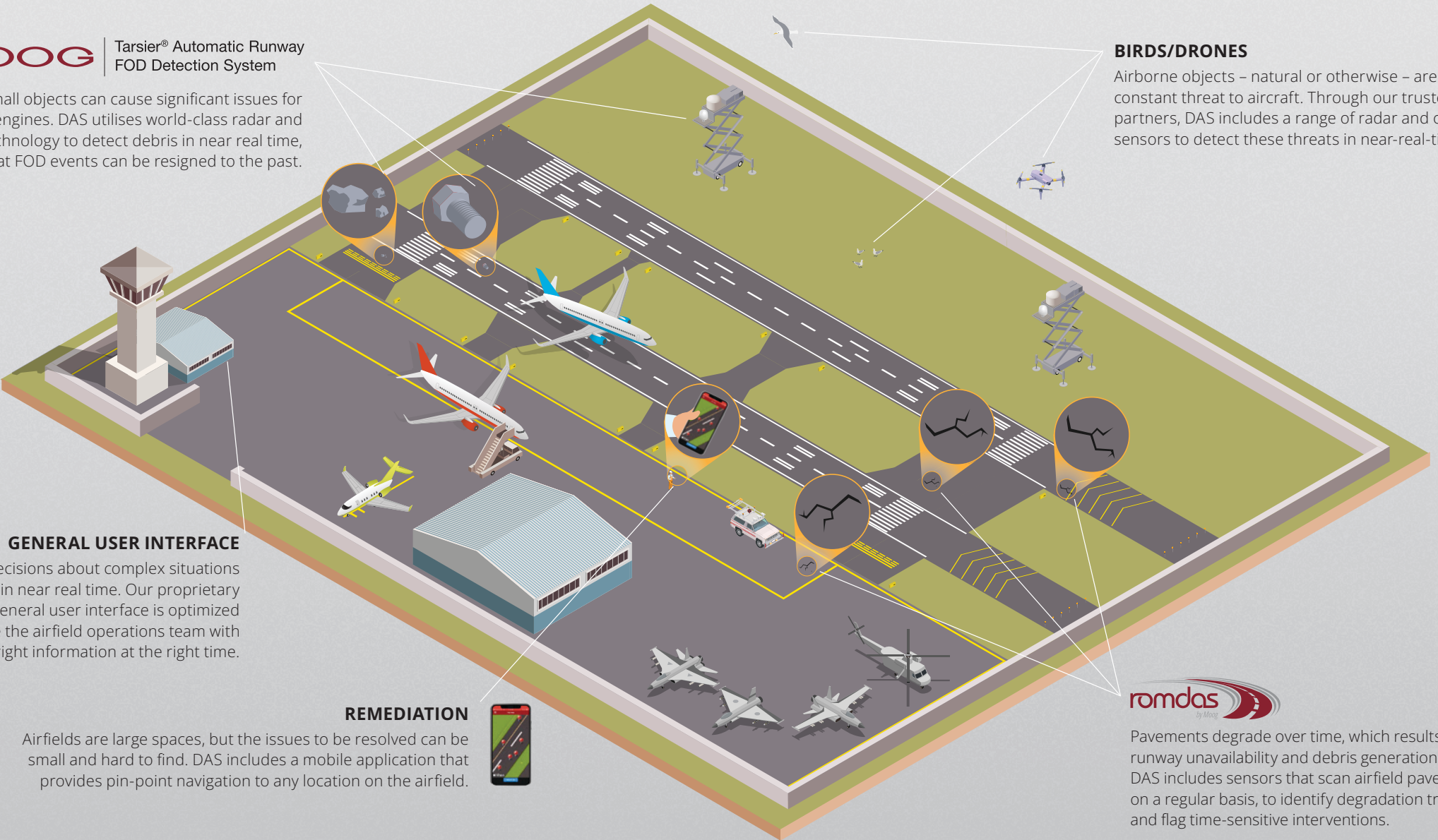
**MOOG**

Tarsier® Automatic Runway  
FOD Detection System

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/DRONES

Airborne objects – natural or otherwise – are a constant threat to aircraft. Through our trusted partners, DAS includes a range of radar and other sensors to detect these threats in near-real-time.



## GENERAL USER INTERFACE

Critical decisions about complex situations are made in near real time. Our proprietary MADS general user interface is optimized 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 pin-point navigation to any location on the airfield.



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.