

# **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 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.

## PAVEMENT DAMAGE

Pavements degrade over time, which results in runway unavailability and debris generation. Extend the life of your airfield pavement by maintaining higher PCI scores for longer, with our ROMDAS pavement management system.



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.

#### AIRFIELD AUTONOMY

Airfield process automation can enhance safety and improve airfield resilience. DAS is a proven platform for enabling new autonomous technologies to deliver these benefits at airfields.







## **DETECT AIRFIELD THREATS IN REAL-TIME**



PORTABLE TARSIER® FOD RADAR



FIXED TARSIER® FOD RADAR



ROMDAS PAVEMENT MONITORING



MADS™ USER INTERFACE

Critical decisions about complex situations are made in near real time. Our proprietary MADS operating system is optimized to provide your 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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