iFERRET™

KEEPING YOUR RUNWAYS

Safe and Sound

An industry-leading foreign object debris (FOD) detection system that protects airport runway operations globally.

CLICK HERE TO START ↗

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A constant threat that necessitates round-the-clock protection

Over half of the airport emergencies around the world are linked to FOD. Such incidents can bring a hefty cost to the aviation industry. With a rigorous state-of-the-art FOD detection system that accurately picks up and identifies FOD, this threat can be greatly reduced.

FOD THREATS ON AVERAGE CAUSE

15
Fatal Accidents per year

Source: EU Aviation Safety Agency; Airbus Statistics

USD13B
Losses per year

Source: EU Aviation Safety Agency

12%
of Total Aircraft Incidents

Source: ICAO

VISUAL CONDITION FACTORS

Night-time   Fog   Rain   Snow

THE CHALLENGE OF MANUAL INSPECTIONS

Limited number of manual inspections a day.

Runway closure is an opportunity cost.

Longer inspection intervals increase the risk of the presence of FOD.

Human errors can occur.

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Introducing an industry-leading FOD detection system that is tried and tested

Owned by Changi Airport Group (CAG) and supported by NCS, iFerret™ is used in major airports worldwide to keep their runways safe. Several unique features of iFerret™ have made it the preferred choice for an FOD detection system.

CLICK TO LEARN MORE

iFerret™ ↗

Product Features

Proven Performance
Unparalleled Advantages
Multiple Usage
Strategic Locations

How It Works

Intelligent vision software
with state-of-the-art Electro-Optic (EO) Sensors.

Automated, fast and accurate
detection, location measurement, classification and recording.

Performs under all conditions
(low-light, rain, fog, snow) as long as runway remains operational.

Real-time, 24/7 monitoring

Powerful optical zoom

Recording and analysis

About Us

Changi Airport Group (Singapore) Pte Ltd (CAG) was formed on 16 June 2009 and the corporatisation of Singapore Changi Airport (IATA: SIN, ICAO: WSSS) followed on 1 July 2009. As the company managing Changi Airport, CAG undertakes key functions focusing on airport operations and management, air hub development, commercial activities and airport emergency services. CAG also manages Seletar Airport (IATA: XSP, ICAO: WSSL) and through its subsidiary Changi Airports International, invests in and manages airports around the world.

For more information, visit www.changiairportgroup.com.

Our Technology Partner

NCS is a leading technology services firm with presence in Asia Pacific and partners with governments and enterprises to advance communities through technology. Combining the experience and expertise of its 10,000-strong team across 55 specialisations, NCS provides differentiated and end-to-end technology services to clients with its NEXT capabilities in digital, cloud and platforms, as well as core offerings in application, infrastructure, engineering and cybersecurity. NCS also believes in building a strong partner ecosystem with leading technology players, research institutions and start-ups to support open innovation and co-creation.

For more information, visit www.ncs.co.

Track record

| Singapore Changi Airport | Dubai International Airport |
| Hong Kong International Airport | Chicago O'Hare International Airport |

In compliance with specifications from

| Federal Aviation Administration (FAA) AC 150/5220-24 and AC 150/5210-24 |
| International Civil Aviation Organization (ICAO) Annex 14 |

Please contact us at business.development@changiairport.com.