In today’s world there is an increasing range of threats to Infrastructure, Homeland Security and Environment, from accidental events to sabotage and other illegal operations.

Thales’s Avni system offers a reliable and effective solution, which provides high resolution, wide area surveillance from small, light aircraft.

Easy to operate and cost effective with no change required to current operations when integrated into existing assets.

Avni
Wide Area Surveillance Systems
APPLICATIOnS

- Detect and identify activities in and threats to
  - Infrastructure
  - Homeland Security
  - Environment

BENEFITS & FEATURES

- Wide area day/night coverage
- Adaptable to suit various aircraft configurations (fixed wing / rotary / UAS)
- Airborne imagery exploitation for immediate response
- Ground imagery exploitation for pattern of life analysis and archival
- Simple aircraft integration and easy to operate
- Full support and training provided

TECHNICAL DATA

- Visible spectrum, infra-red, multispectral, etc; tailored to meet customer needs
- Power system: flexible according to aircraft
- High resolution over a wide field of view; continuous imagery with no gaps
- Over 8 hours recording in NATO standard for interoperability
- Exploitation scalable from single-user station to networked multi-source intelligence centres
- Hot spot and feature detection to assist operator
- EASA cleared

POD DIMENSIONS / WEIGHT

- Length 0.6m
- Depth 0.4m
- Mass 32kg

POD-AIRCRAFT ATTACHMENTS

- Standard chin-mount on rotary aircraft
- Bespoke fitting available according to aircraft