



Survival

Miysis DIRCM



Selex ES

A Finmeccanica Company



MANPADS

Man Portable Air Defence System missiles using infra-red (IR) heat seeking techniques are:

Affordable, available & widespread

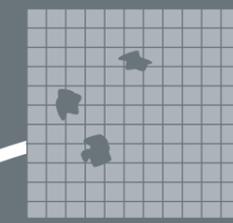
Hard to detect

Resistant to flares

LETHAL



2000
Scanning Imagers



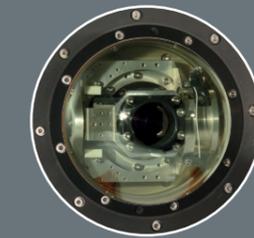
1970s/80s
Cooled Conscan



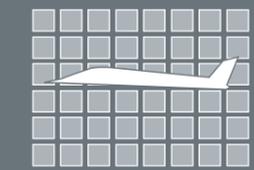
1980s/90s
Rosette Flare
Counter-
Countermeasure



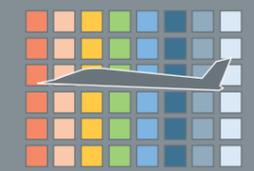
1980s/90s
Cross Array



1960s
Uncooled
Spin Scan



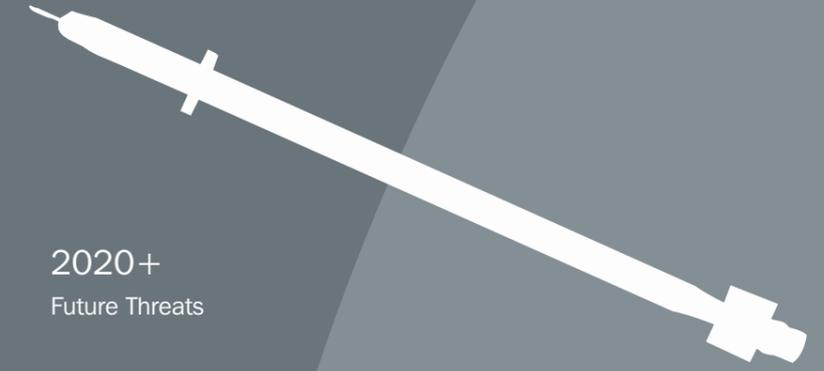
2005
1st Generation
Spectral Imagers

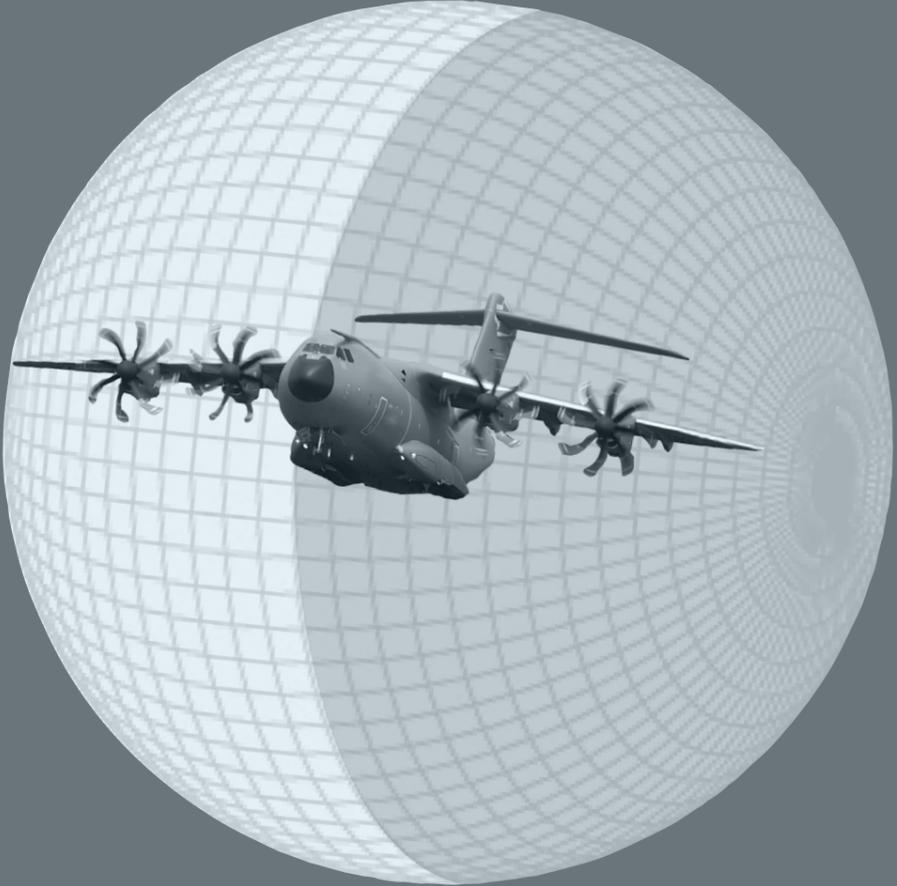


2010
2nd Generation
Spectral Imagers



2020+
Future Threats





Challenge

To provide all round Infrared Countermeasure protection for large & small, rotary & fixed wing platforms.

Solution

Miysis DIRCM – latest generation of Directed Infrared Countermeasure (DIRCM) System from Selex ES.



Protection for all Platforms



Miysis DIRCM

Ideal for any platform - small, lightweight and powerful

Dependable, persistent protection from IR-guided missiles

Open architecture allows for:

- incorporation of a variety of Missile Approach Warners (MAWs)
- autonomous operation or as part of a Defensive Aids Suite

Flexible installation options are available as federated or podded solutions.



Miysis DIRCM

As a podded solution Miysis DIRCM provides optimum platform protection in a configuration that is easily installed on external stores pylons.



Small Lightweight Pod

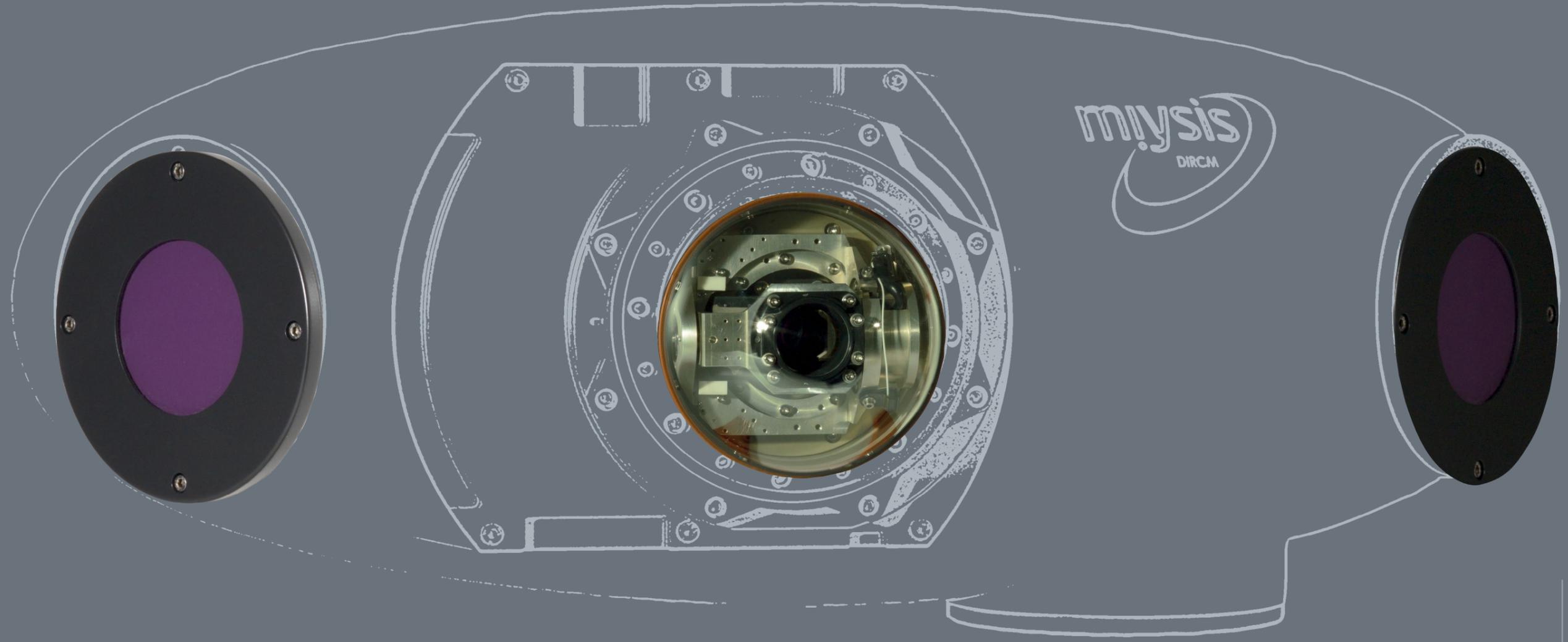
Ease of Installation

Minimal aircraft modification

Optimum Fleet Management

Pods easily transferred between aircraft

One pod fits all



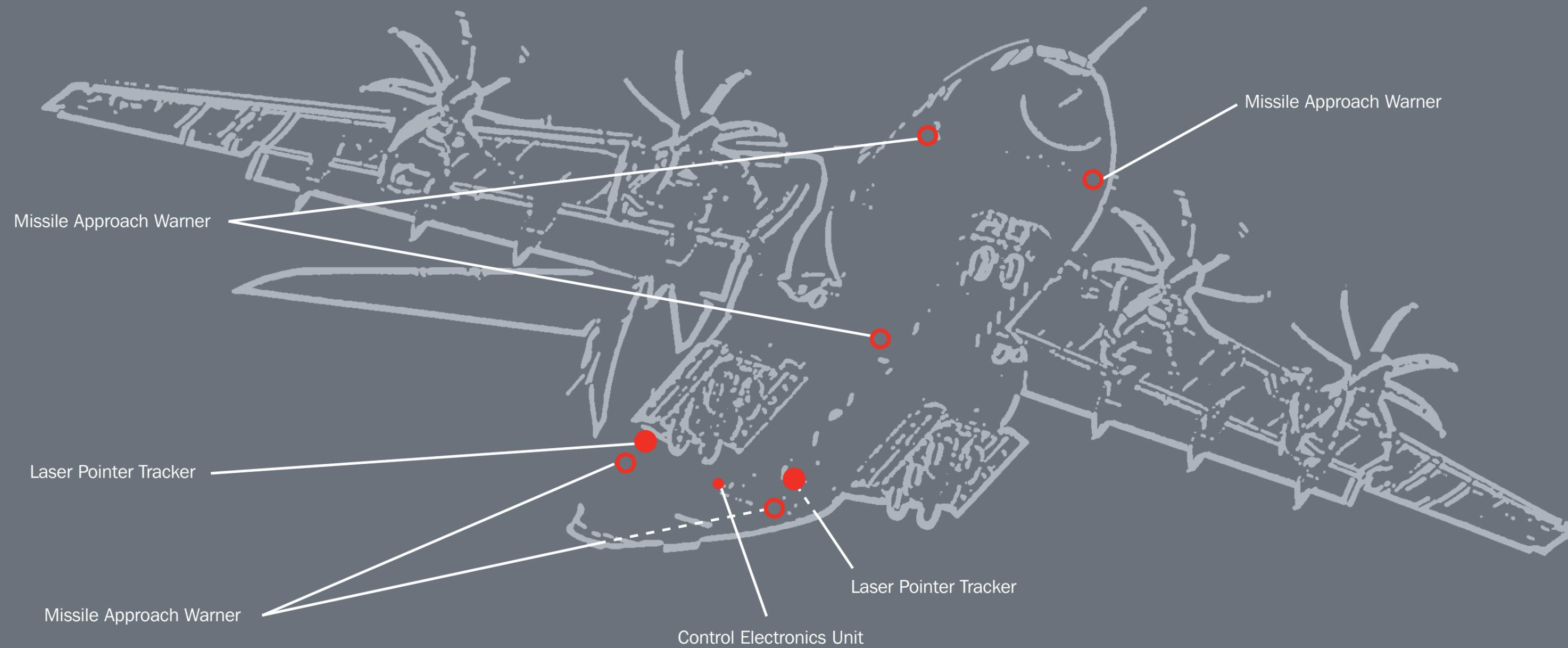
Overall pod length <1m



Miysis DIRCM

For large aircraft protection or in special circumstances, Miysis DIRCM can be installed as a federated system where components are positioned on the airframe to provide the optimum coverage for that platform.





Optimised Installation Specific to Platform

Small lightweight Mysis DIRM components ensure complete flexibility of installation.



Laser Pointer Tracker

- Sophisticated tracking to counter long range threats
- Exceptional response speed to counter short range threats
- Multi-band IRCM to defeat advanced threats
- Narrow divergence to maximise jamming effect
- Laser directly coupled and alignment free

Modular Design

- Open Architecture
- Compatible with a variety of MAWs
- Autonomous operation or as part of a DAS
- Future proof

Size Weight Power

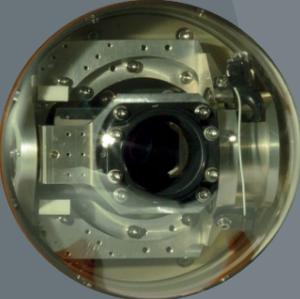
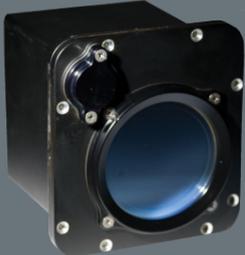
Small, lightweight and low power demand make Miysis DIRCM suitable for all platforms

Ease of Installation

Easy to fit, requiring aircraft DC power only

Reliability and Maintenance

- High reliability and low maintenance
- Low lifecycle costs





Miysis DIRCM

Miysis DIRCM defines protection. It is the trusted combination of engineering excellence and the most advanced technology.



Welcome Home





Safe

For more information please email infomarketing@selex-es.com

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