

**GRIPEN**

*The Wings of Your Nation*

# Gripen en nätverks(s)pelare

SESAM 071108



Anders Lundqvist, Saab

# Objectives

History

Data Links

Support Systems

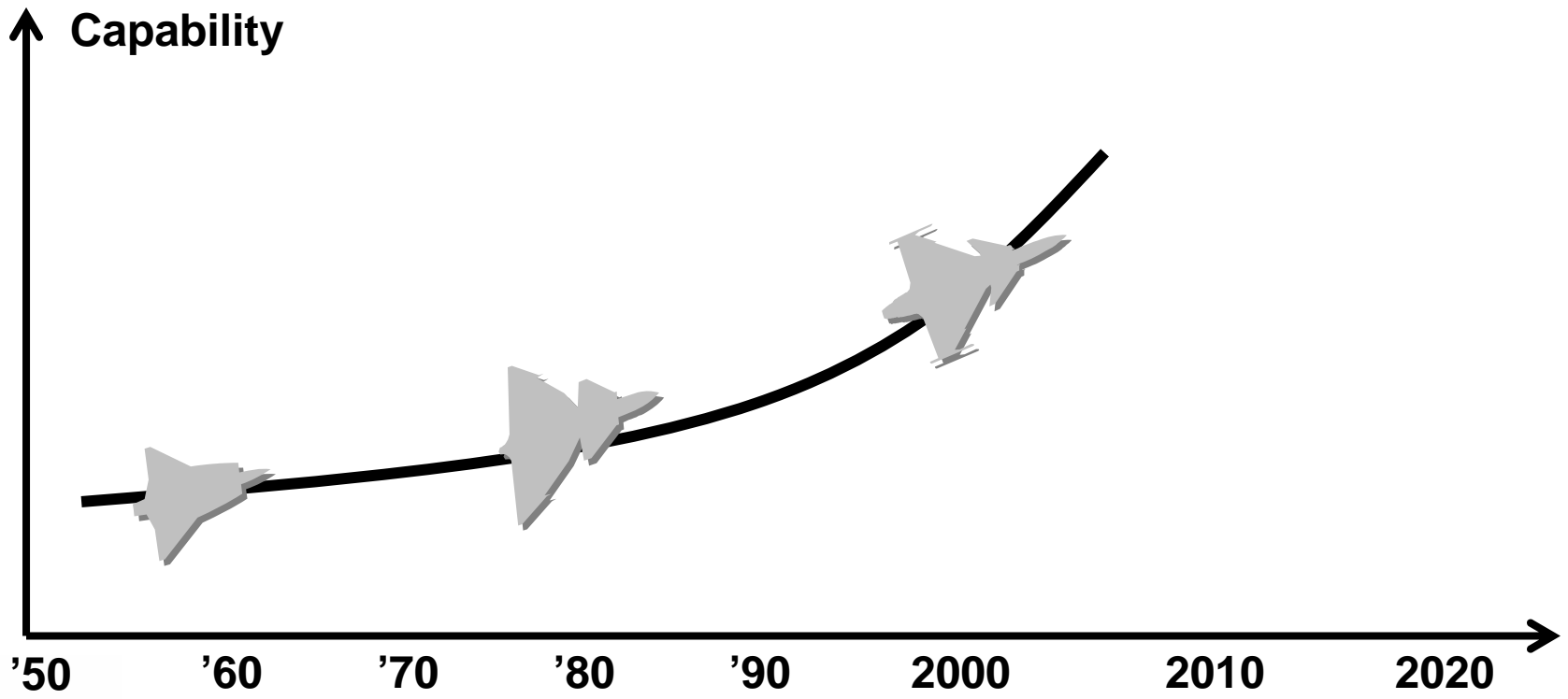
The Tactical System

Operational Concept

Near Future



# History



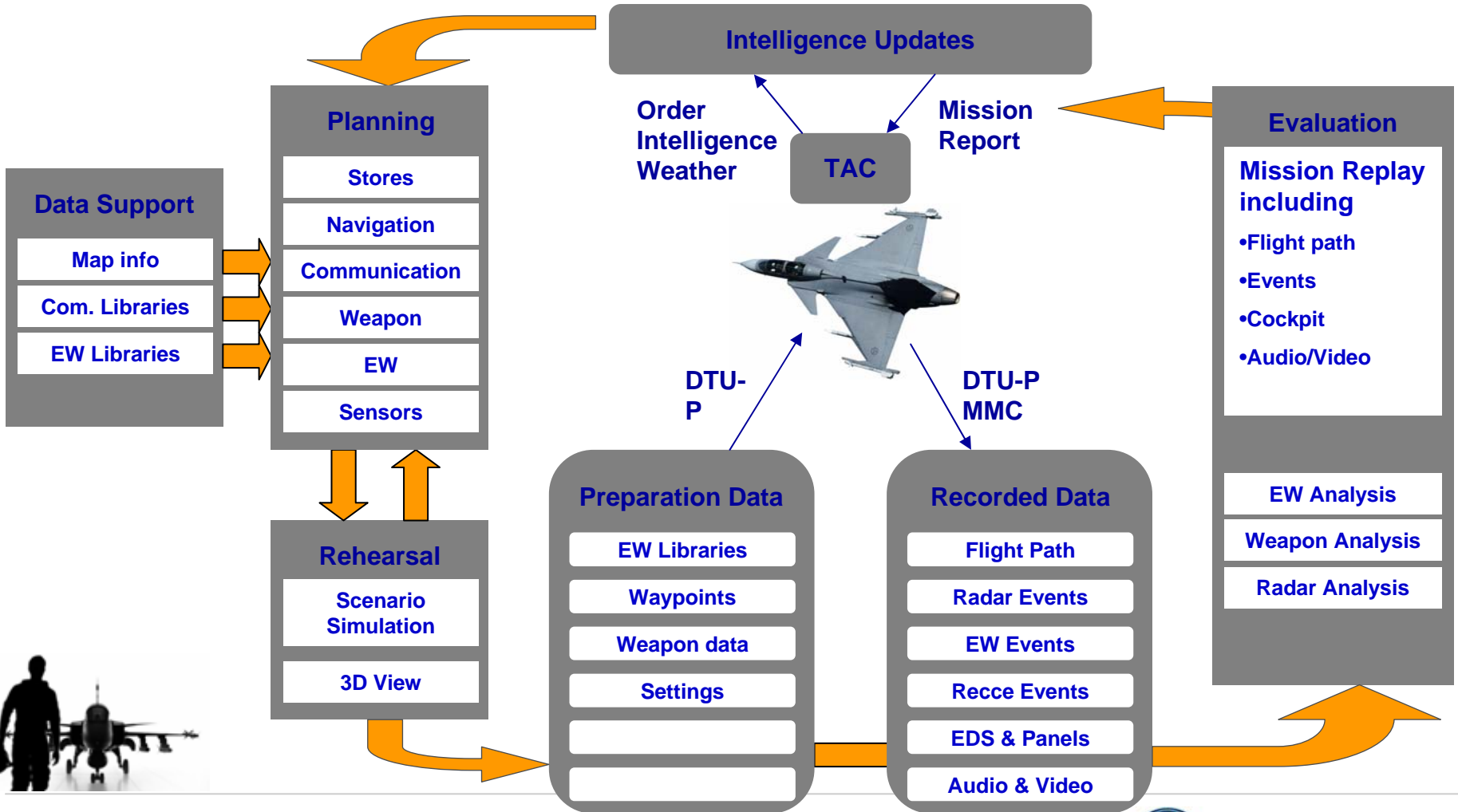
## Data Links

Today

- Support System LAN
- Fighter Link
- C2 (ground/air) Link



# Support Systems



# The Tactical System

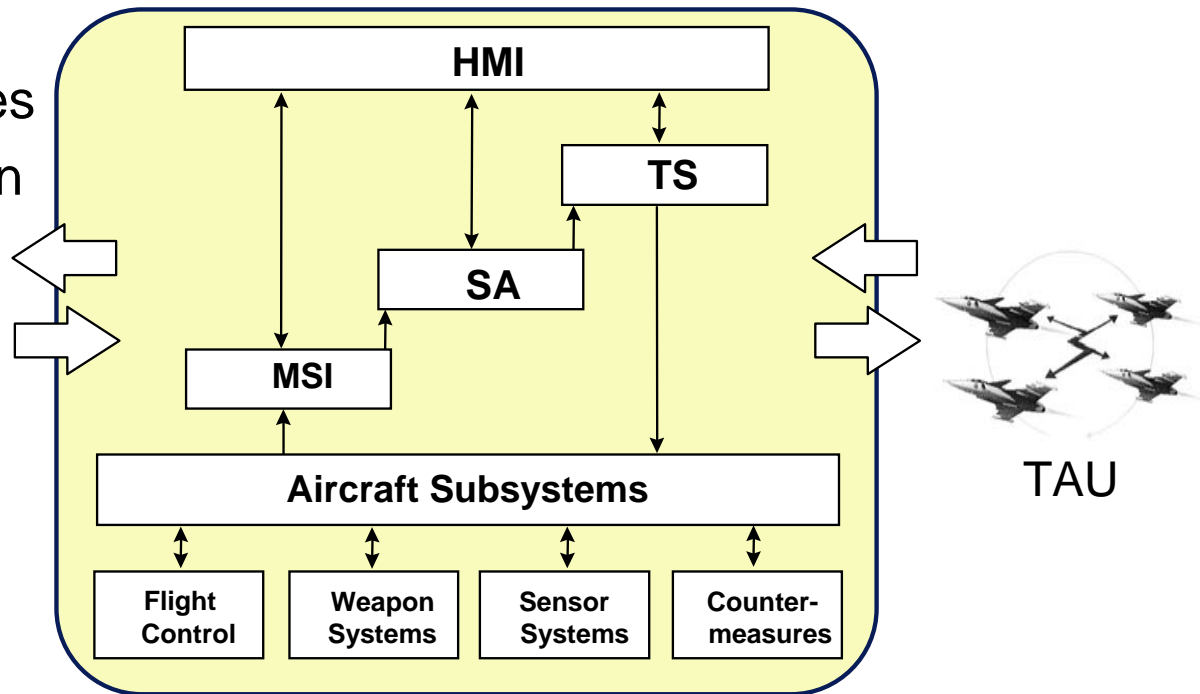


## MSI SA TS

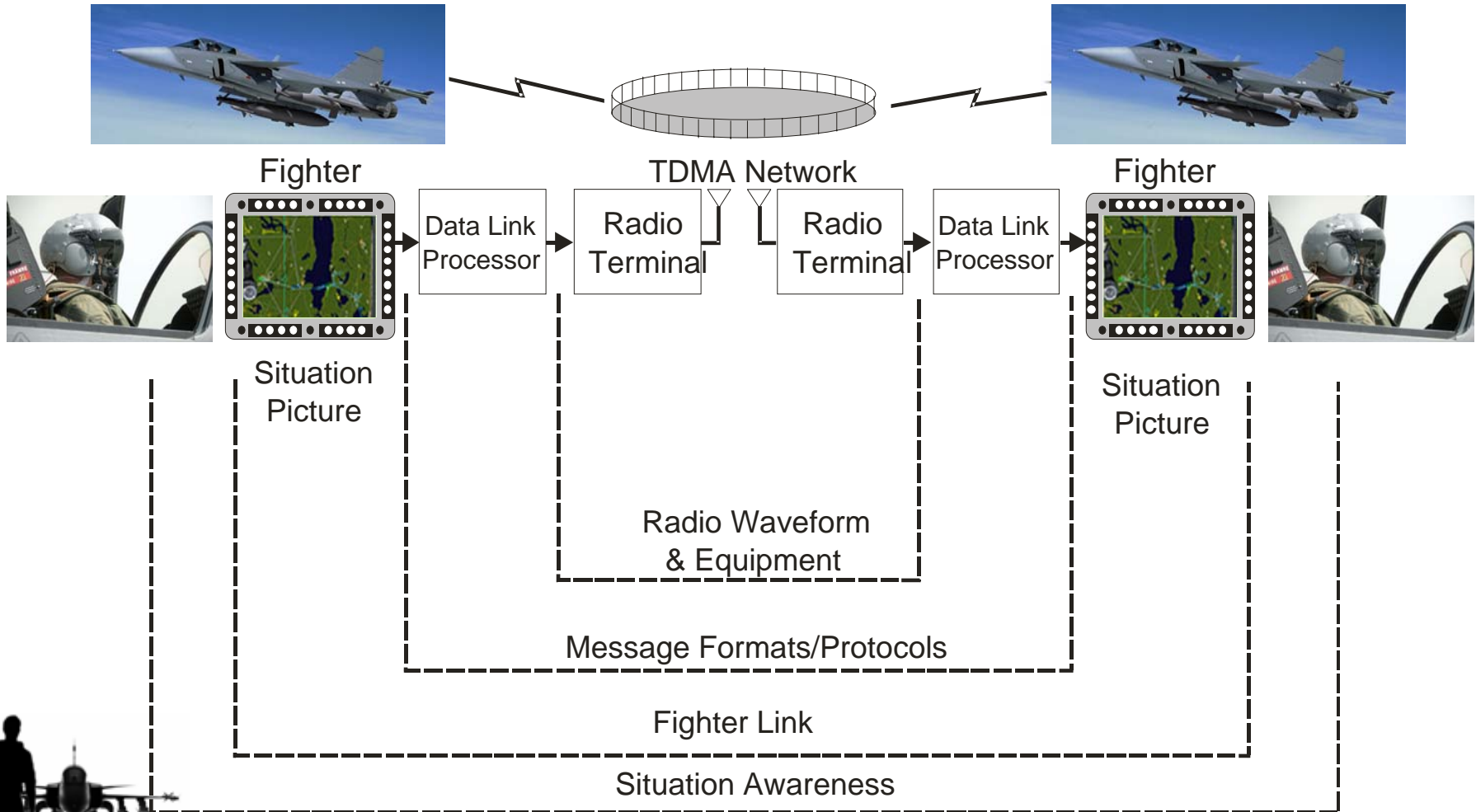
- Best Sensor Dominates
- Near Future Estimation
- Mission Control

## Swingrole

TAU-group, 4 a/c



# Fighter Link - TAU



# Tactical Air Unit (TAU)

Information exchange within the TAU

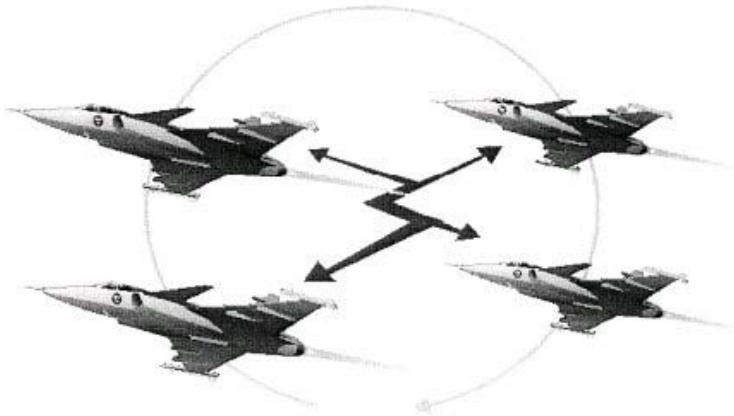
- Situation awareness
- Coordinated acting

Four active, unlimited passive members

Automatic Real-Time Data Link, TDMA

Information exchange examples:

- A/c status (Position, altitude, speed, ...)
- Targets
- ...





## C2 Information exchange

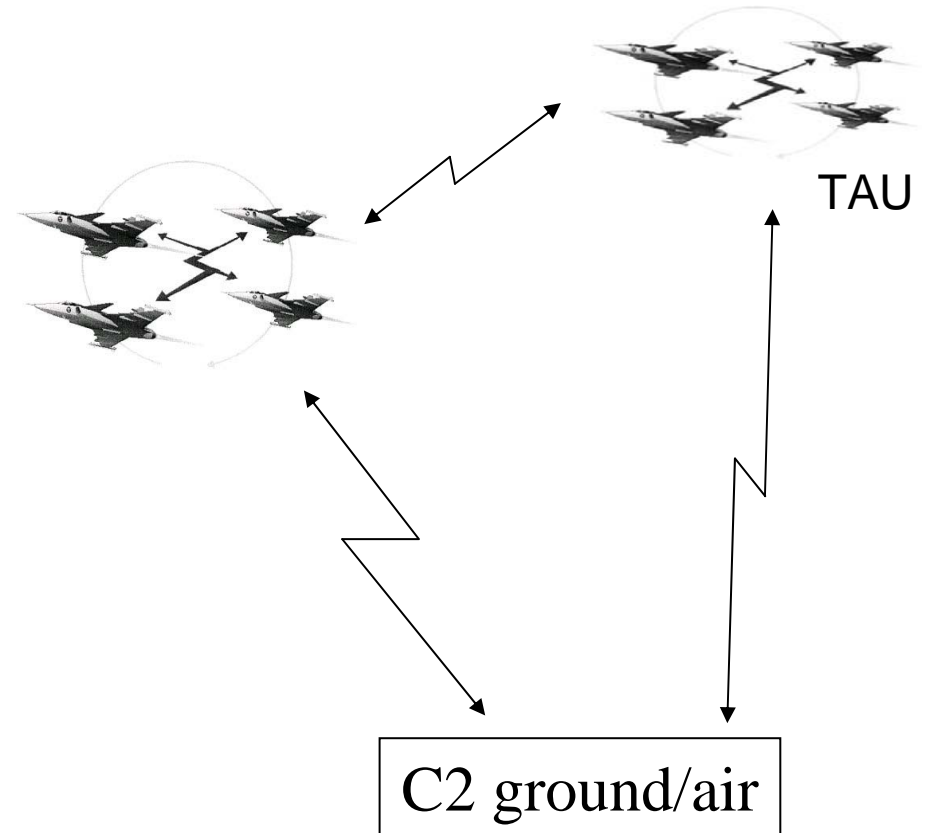
### Automatic Real-Time Data Link

#### Purpose:

- Command and Control from C2
- Reports/info to C2

#### Examples of handled information:

- Mission related (C2 to a/c)
- Targets
- Own status (a/c to C2)
- ...



# The “office”

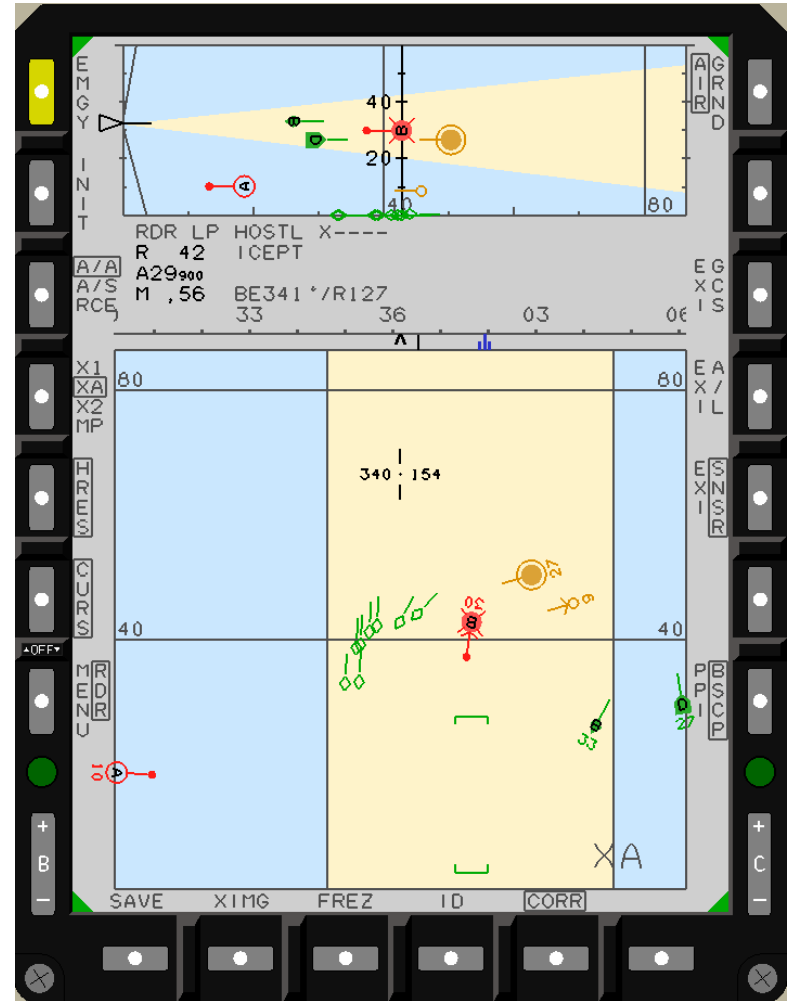
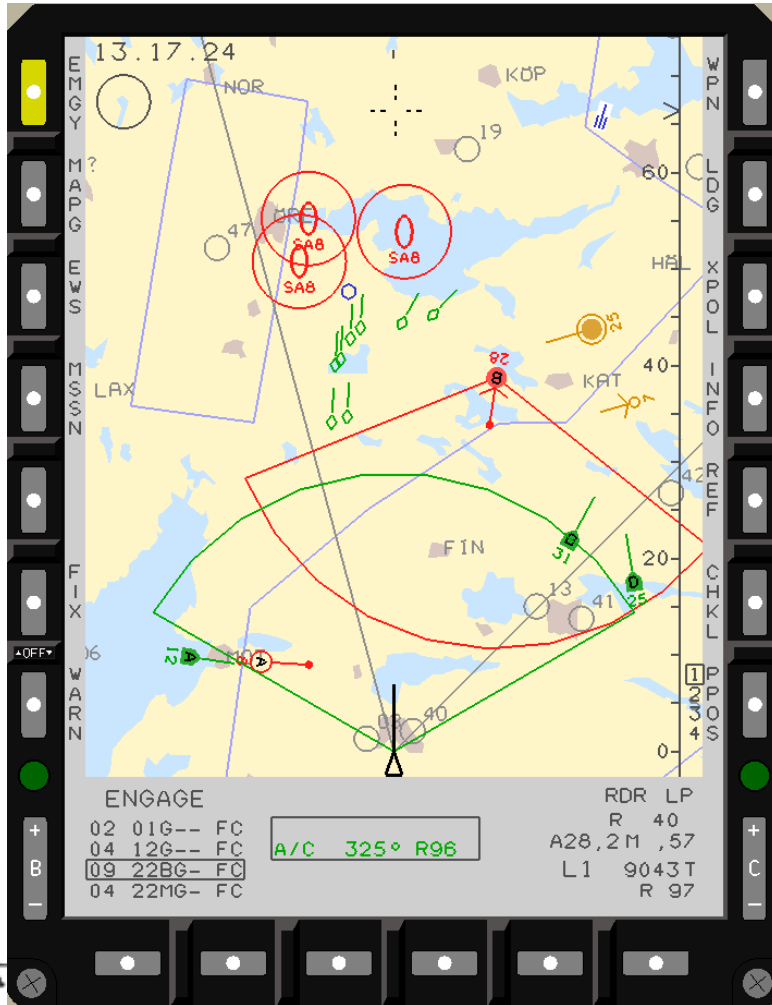
HOTAS

Controls

Awareness



# Situation Picture



## Near Future

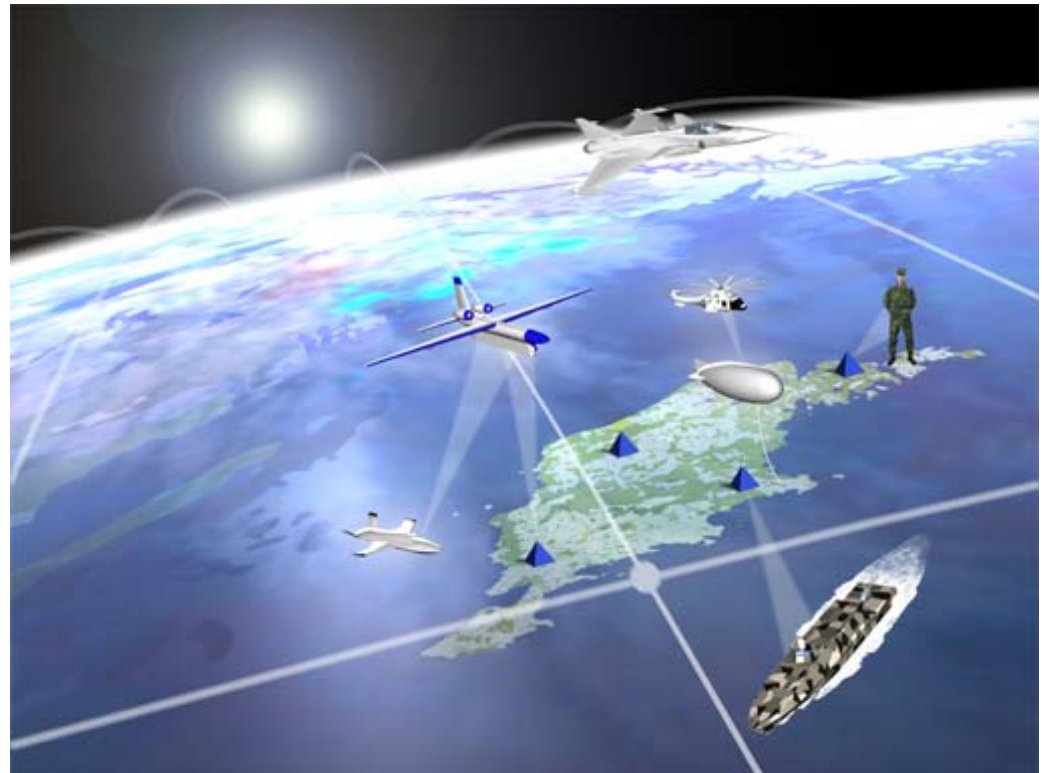
FAC

Image Transfer

- Ground/Sea
- Air

WSO, 2-seater

Unit Command





[anders.lundqvist@saabgroup.com](mailto:anders.lundqvist@saabgroup.com)