

NATO Alliance Ground Surveillance Force



Gesellschaft für Sicherheitspolitik

NAGSF Informationsgewinnung

Oberst Wolfgang Asmus

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Wolfgang Asmus

Oberst

Waffensystemoffizier TORNADO

Kompetenzbereiche Führung/ Einsatz und Personalmanagement

Fremdsprachen Englisch und Italienisch

verheiratet, erwachsene Kinder

Stationen

2021 Beauftragter Digitalisierung KdoLw Abt 3 (Köln)

2018 Cdr OpsWing NAGSF und DDO/DtA NATO AFS FORCE (Sigonella)

2015 Kdr Taktisches Ausbildungskommando der Lw in Italien (Decimomannu)

2012 Referent Kdo Lw 3 I - Personal Grundsatz (Bonn)

2008 Referent BMVg FÜL I 1 - Personal Grundsatz (Köln)

2004 StvKdore JaboG 31 Boelcke (Nörvenich)

2002 Personalreferent BAPersBw (Köln)

2001 StvKdr FlgGrp Jabog 34 (Memmingen)

1998 Dezernent Fliegerischer Einsatz LwKdo Süd (Meßstetten)

1989 Waffensystemoffizier TORNADO JaboG 34 (Memmingen)



Agenda

Informationsgewinnung durch das NATO AGS Programm

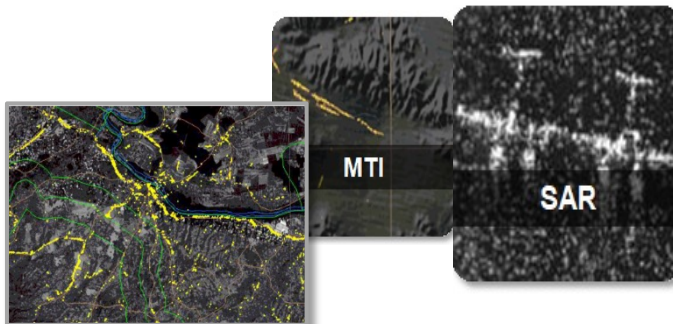
Alliance Ground Surveillance Force

0. Expectation Management
1. Auftrag
2. Personal
3. Mittel
4. Möglichkeiten
5. Produkte
6. Fragen

Expectation Management



NATO AGS Global Hawk
Remote Piloted Aircraft
HIGH ALTITUDE LONG ENDURANCE



**Beschaffung von
RadarDaten
SAR/MTI**

**NICHT (!) SIGINT
NICHT (!) OPTISCH
NICHT (!) KINETISCH**

Agenda

Informationsgewinnung durch das NATO AGS Programm

Alliance Ground Surveillance Force

1. Auftrag

2. Personal

3. Mittel

4. Möglichkeiten

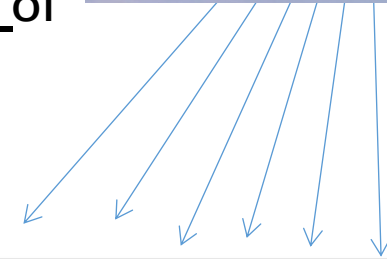
5. Produkte

6. Fragen

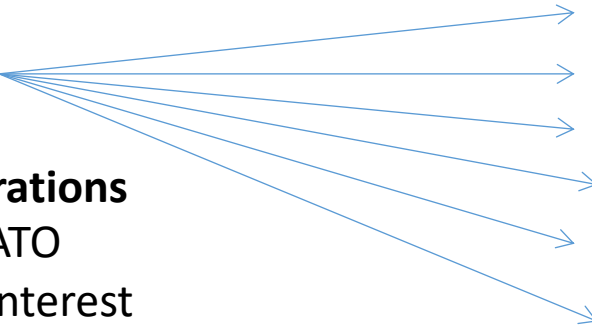
1. Auftrag NAGSF

Conduct full-spectrum Intelligence, Surveillance, and Reconnaissance (ISR) operations in support of

- NATO Decision-Makers
- Member Nations
- **SACEUR's** Strategy



Areas of Interest

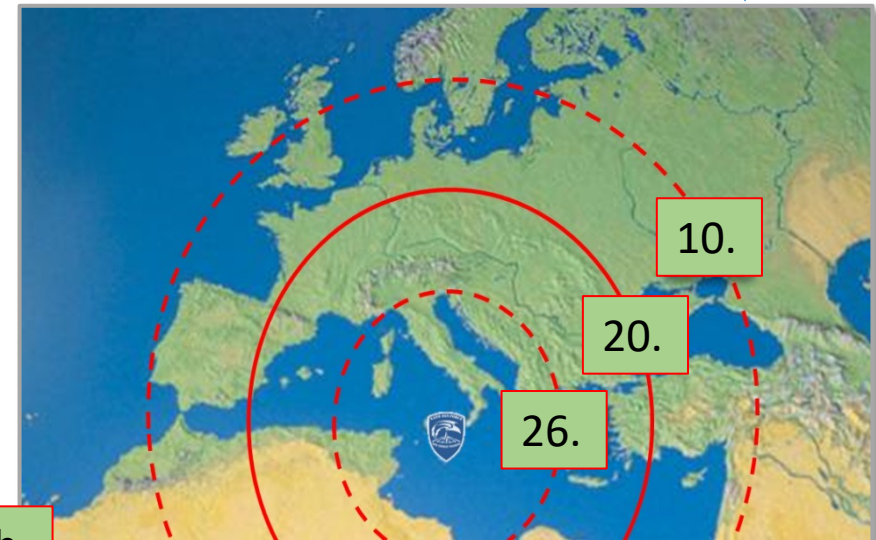


Flight Execution
in permissive
areas only

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.....
.....

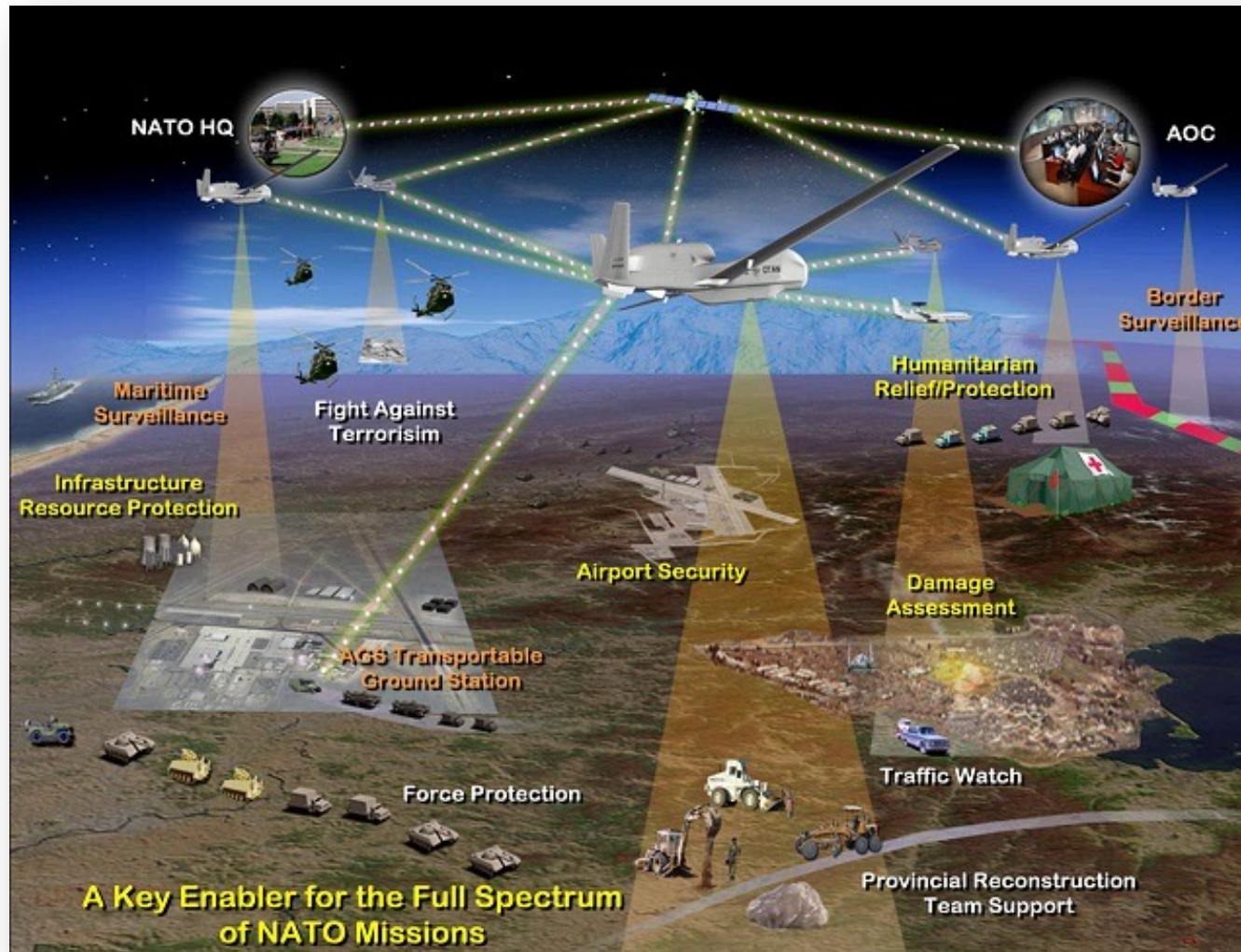
RDR Operations
in Non NATO
Areas of interest

.....
.....
.....



oSt.h

AGS Einsatz / Möglichkeiten



Direct Support to
AIRCOM

Joint Operational
Intelligence Gathering

Strategic Indications
and Warning

Direct Support to
Maritime Forces

Direct Support to Land
Forces

Support to Special
Operations Forces

Humanitarian & Disaster
Relief Support

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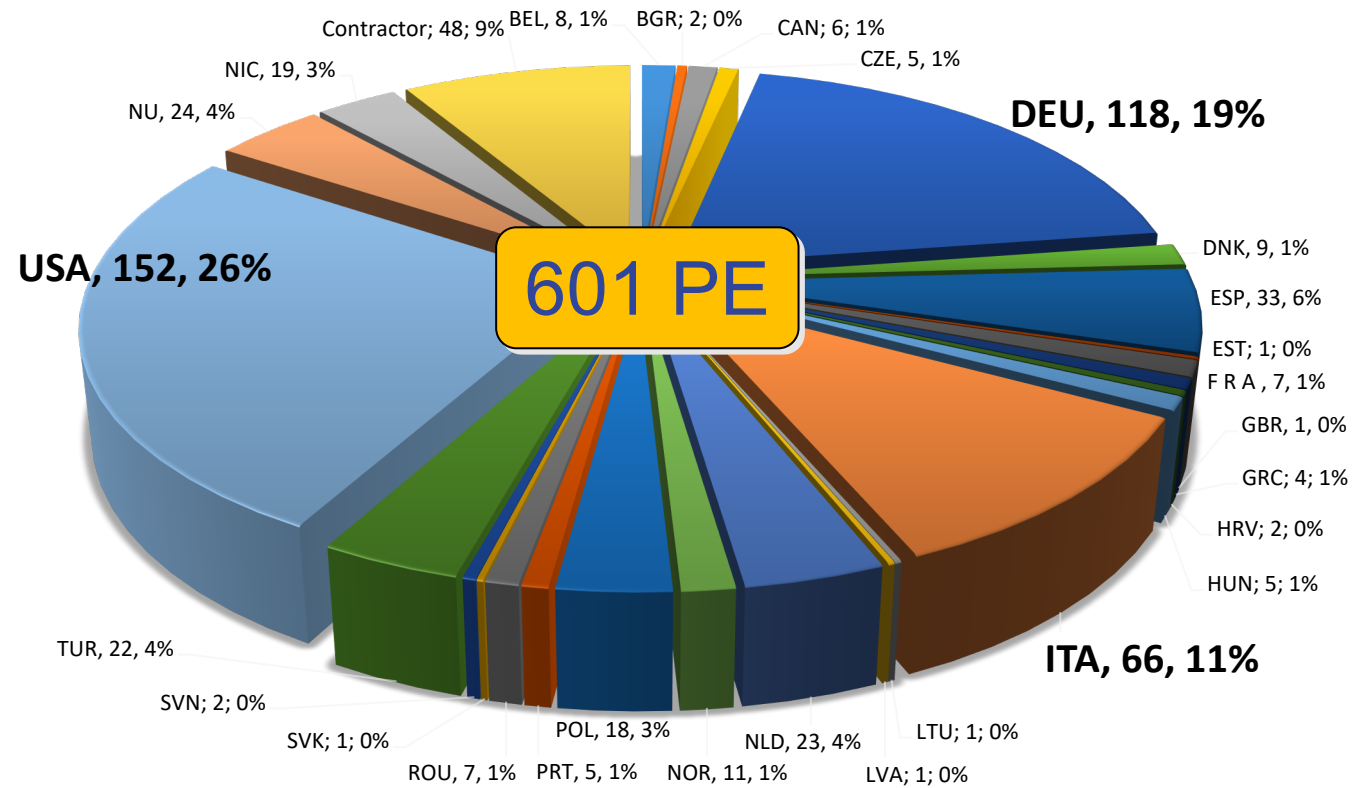
3. Mittel

4. Möglichkeiten

5. Produkte

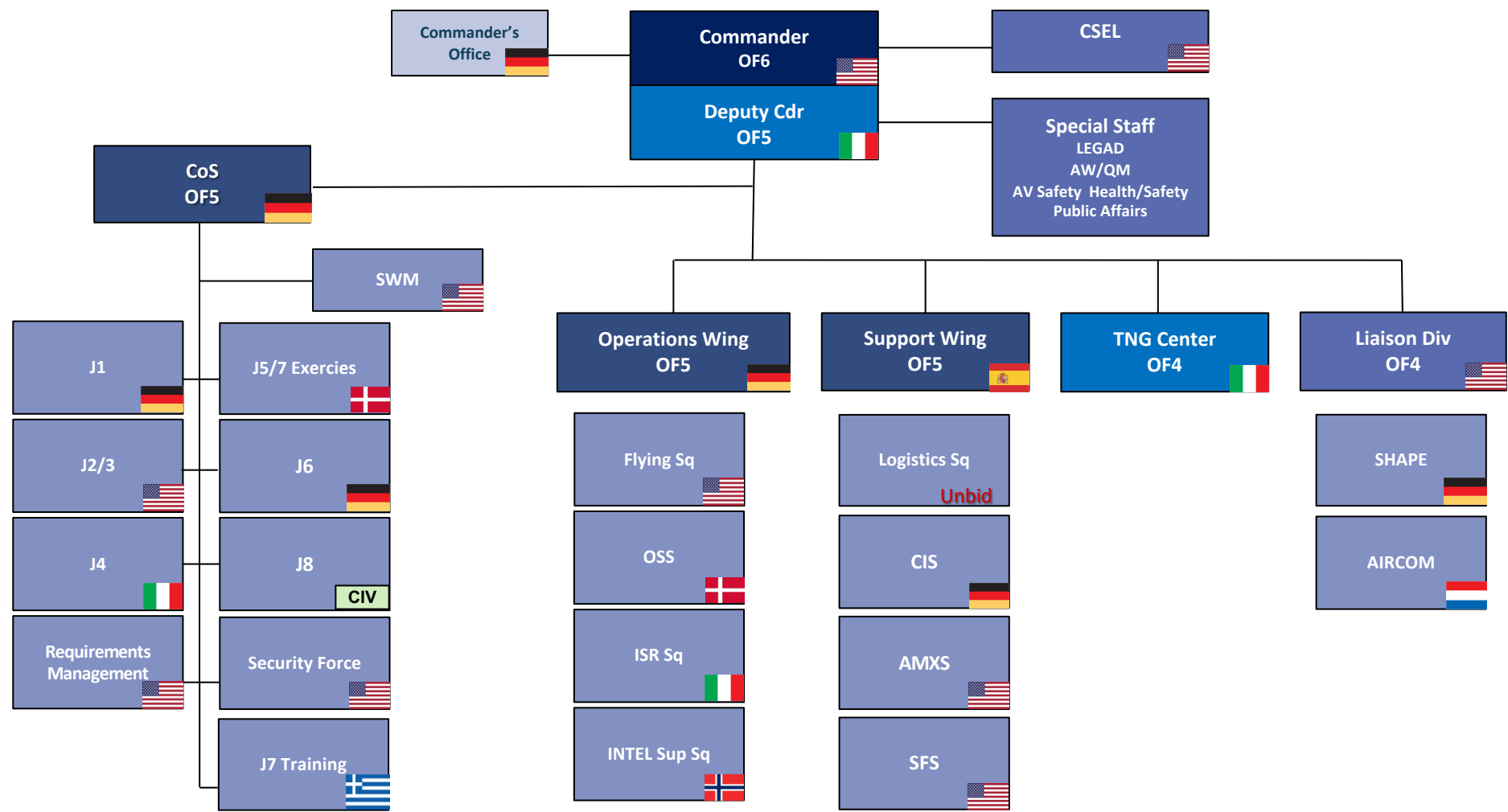
6. Fragen

2. Personal NAGSF



PE	TRAIL Structure 649
Cmd/Office	26
J – Staff	71
Operations	284
Support	238
Training Ctr	23
Liasion	7

2. Personal - Cmd Structure NAGSF



PE/ Dienstposten

Cmd/Office	26
J - Staff	71
Operations	284
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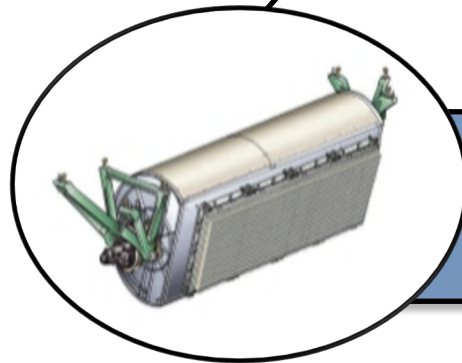
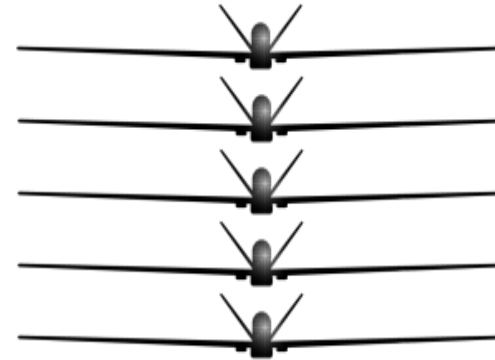
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- 3. Mittel**
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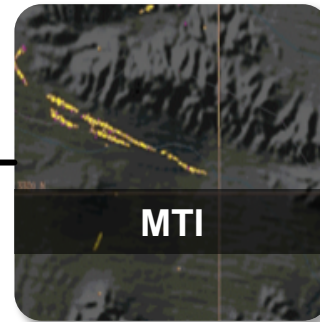
Air Segment



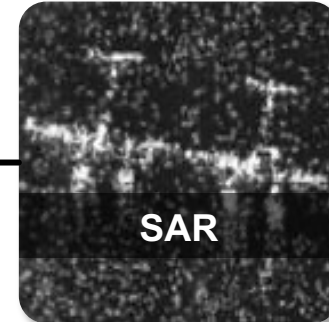
Five RPAs (NATO 1-5)



MP-RTIP
Sensor



MTI



SAR

MOB Ground Segment

NATO AGS Operations Centre – NAOC (2)

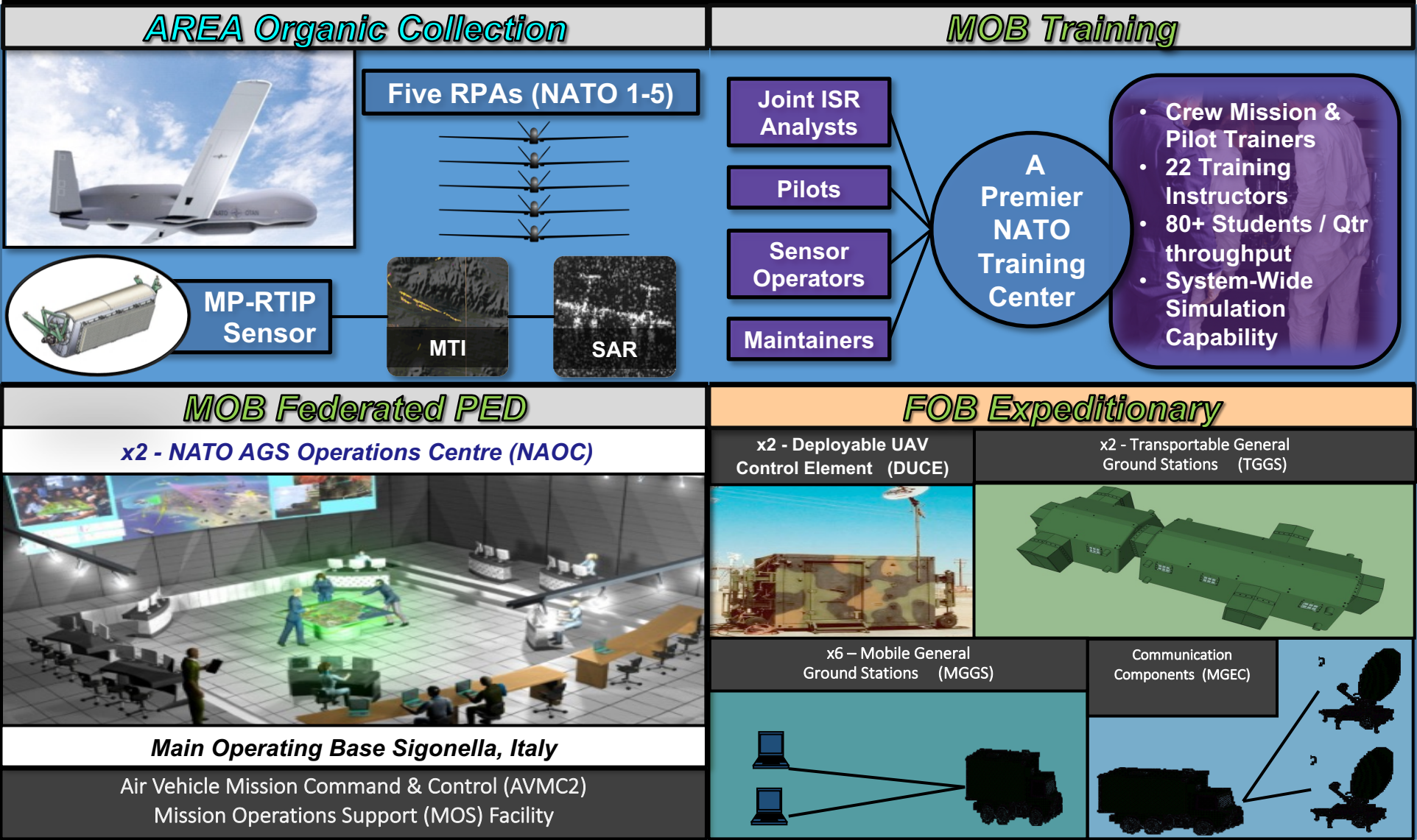


Main Operating Base Sigonella, Italy

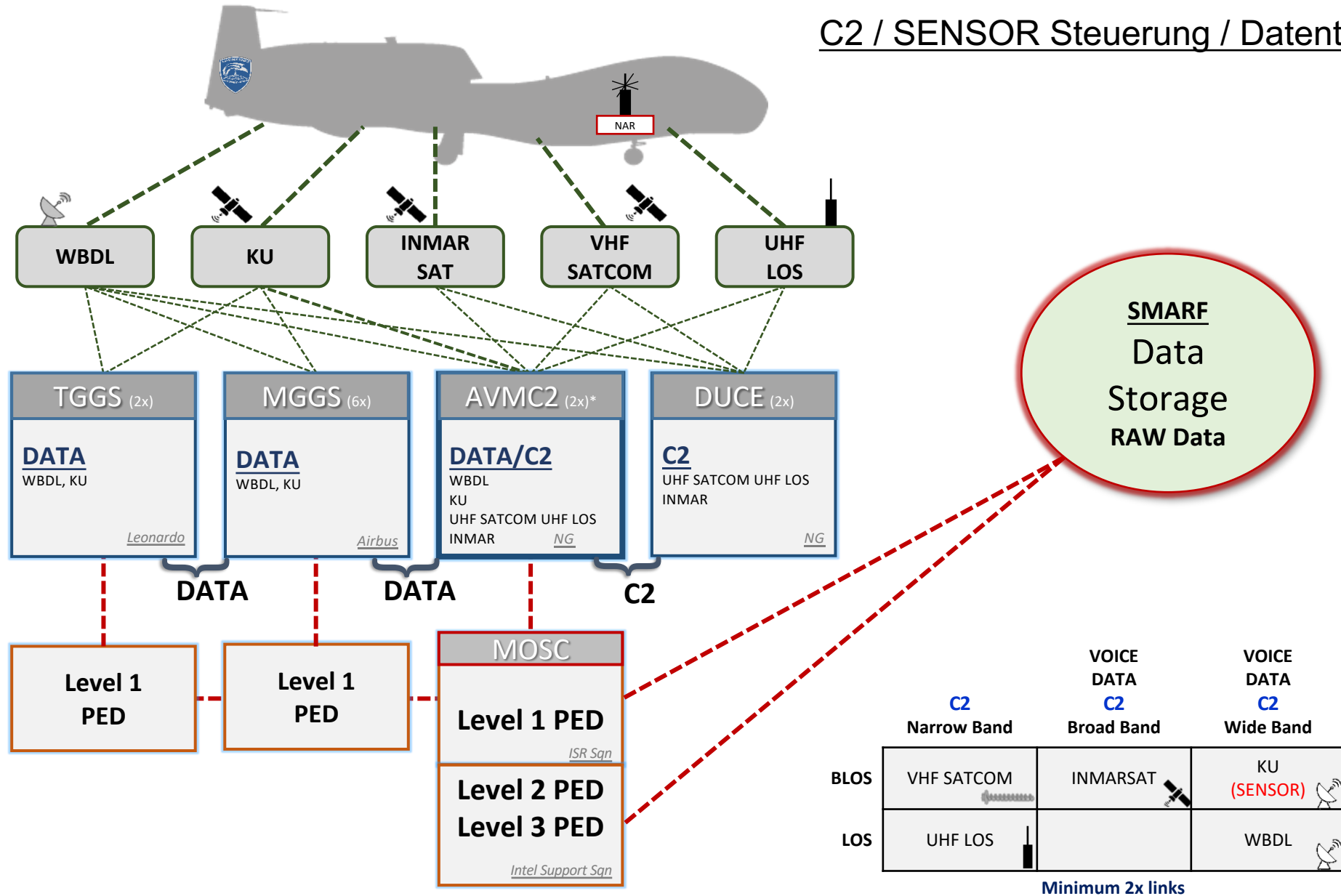
Air Vehicle Mission Command & Control (AVMC2)

Mission Operations Support (MOS) Facility

Force Setup



C2 / SENSOR Steuerung / Datentransfer

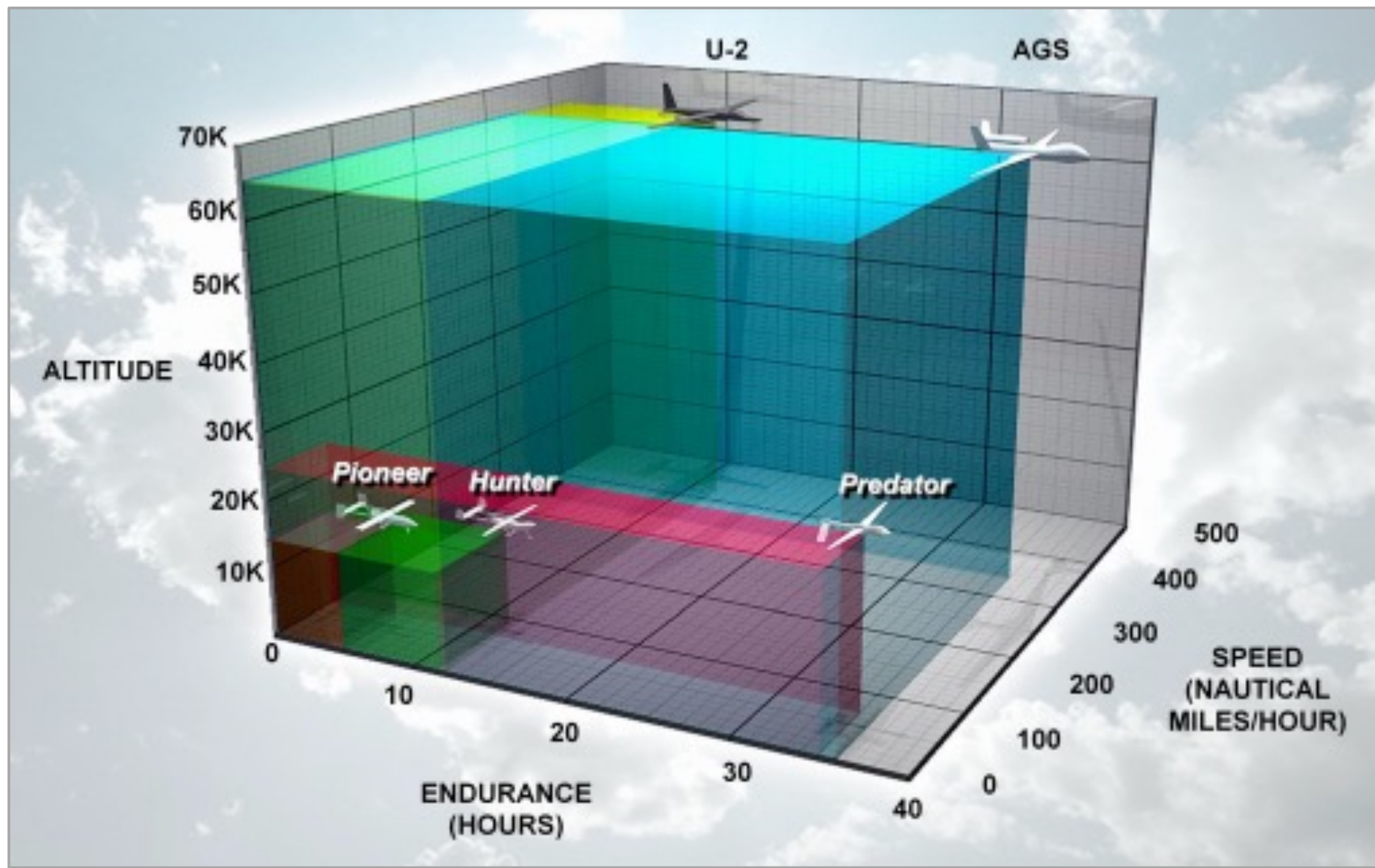


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Sensor coverage

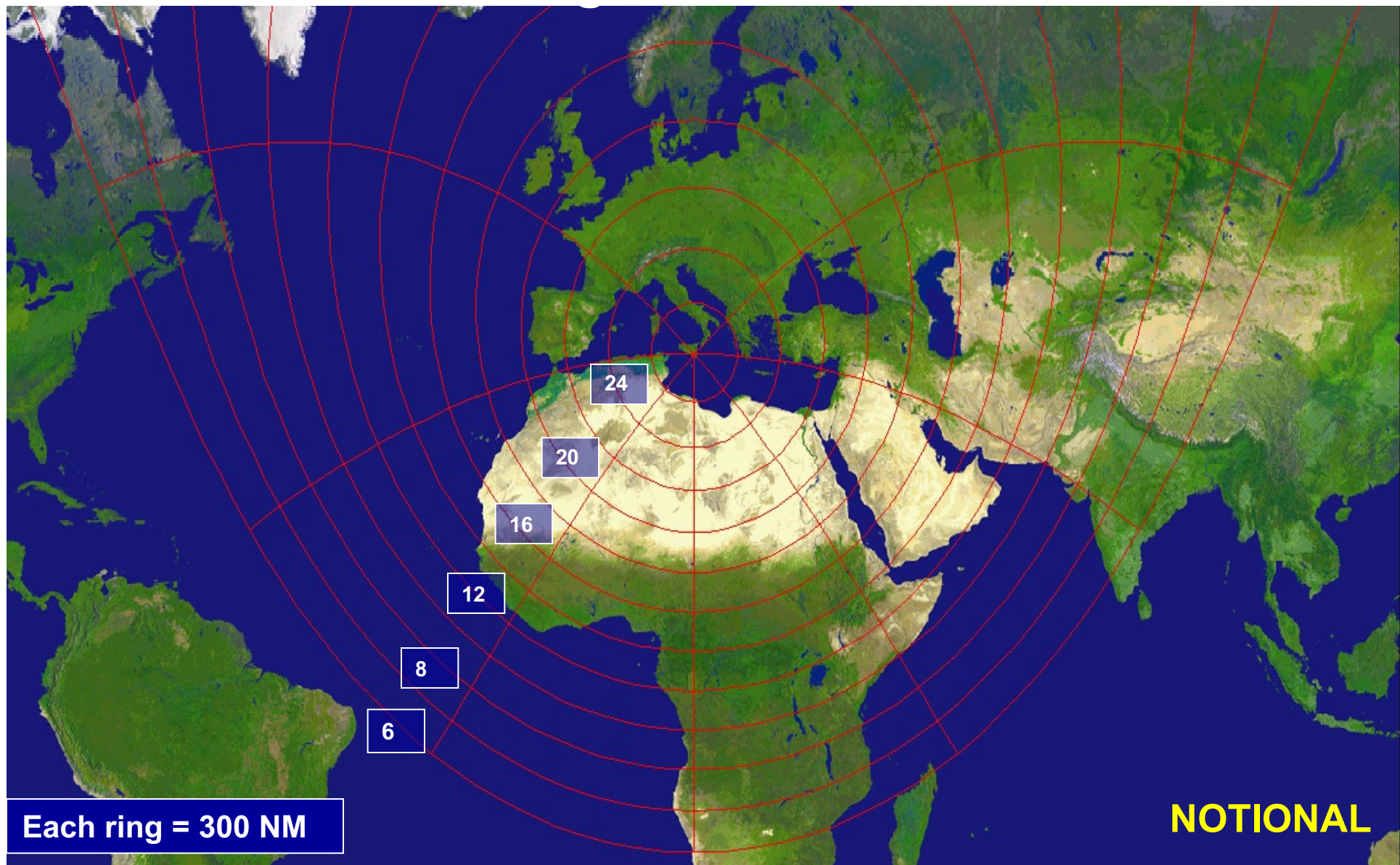
One Hour of Sensor Coverage

AGS – 340 kts

MALE – 150 kts



map not to scale





- up to Targets/ Areas
- pattern of life
- SAR
- GMII/ MMTI
- multiple missions
- hrs in the air
- km stand off
- ad hoc Data Exploitation
- long term deep quality products

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Produkte



a) **ORGANIC**

Level 1 – 2 PED (process-exploit-disseminate)

Zeitansatz

Roh-Daten Quelle(n)

b) **FEDERATED PED**

Level 2

Zeitansatz

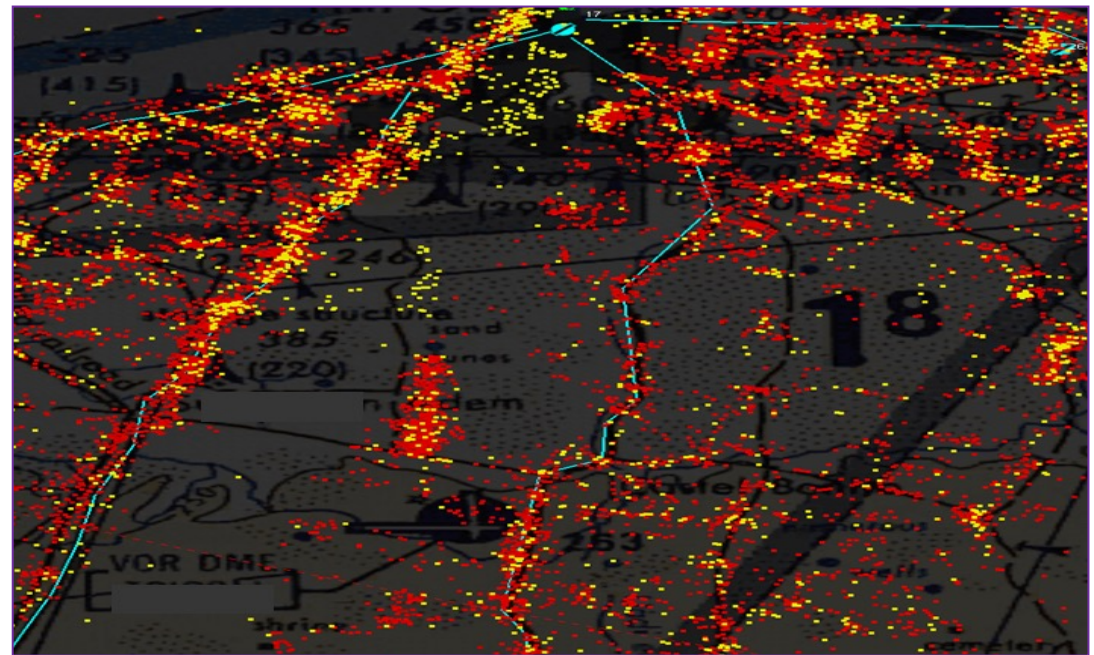
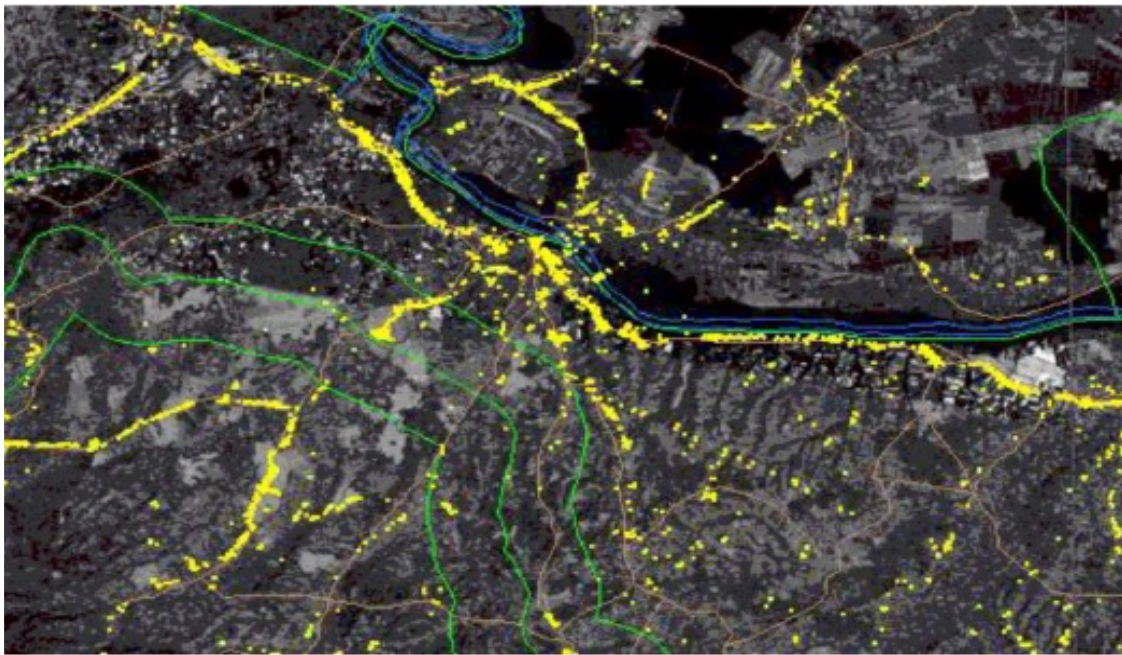
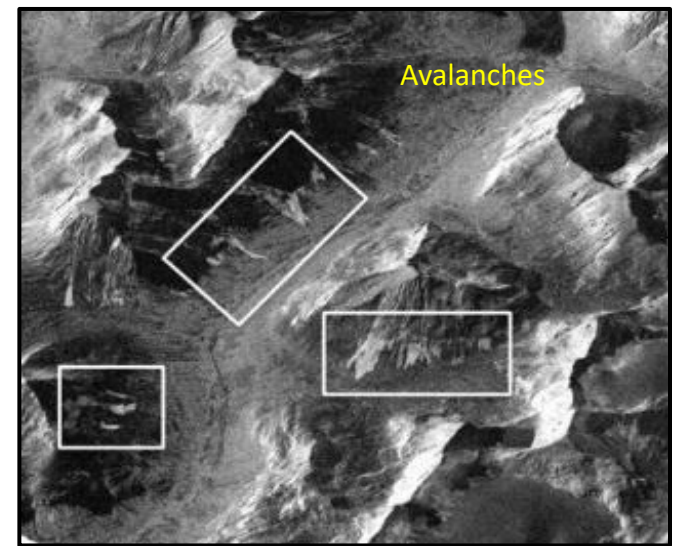
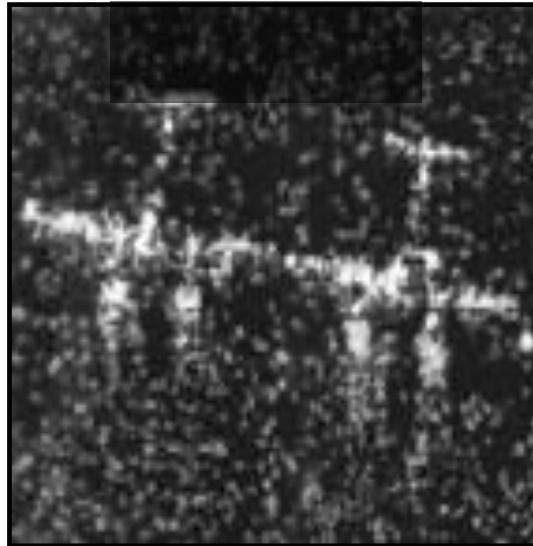
Roh-Quelle(n)

c) **LONG LASTING PROD**

Level 3

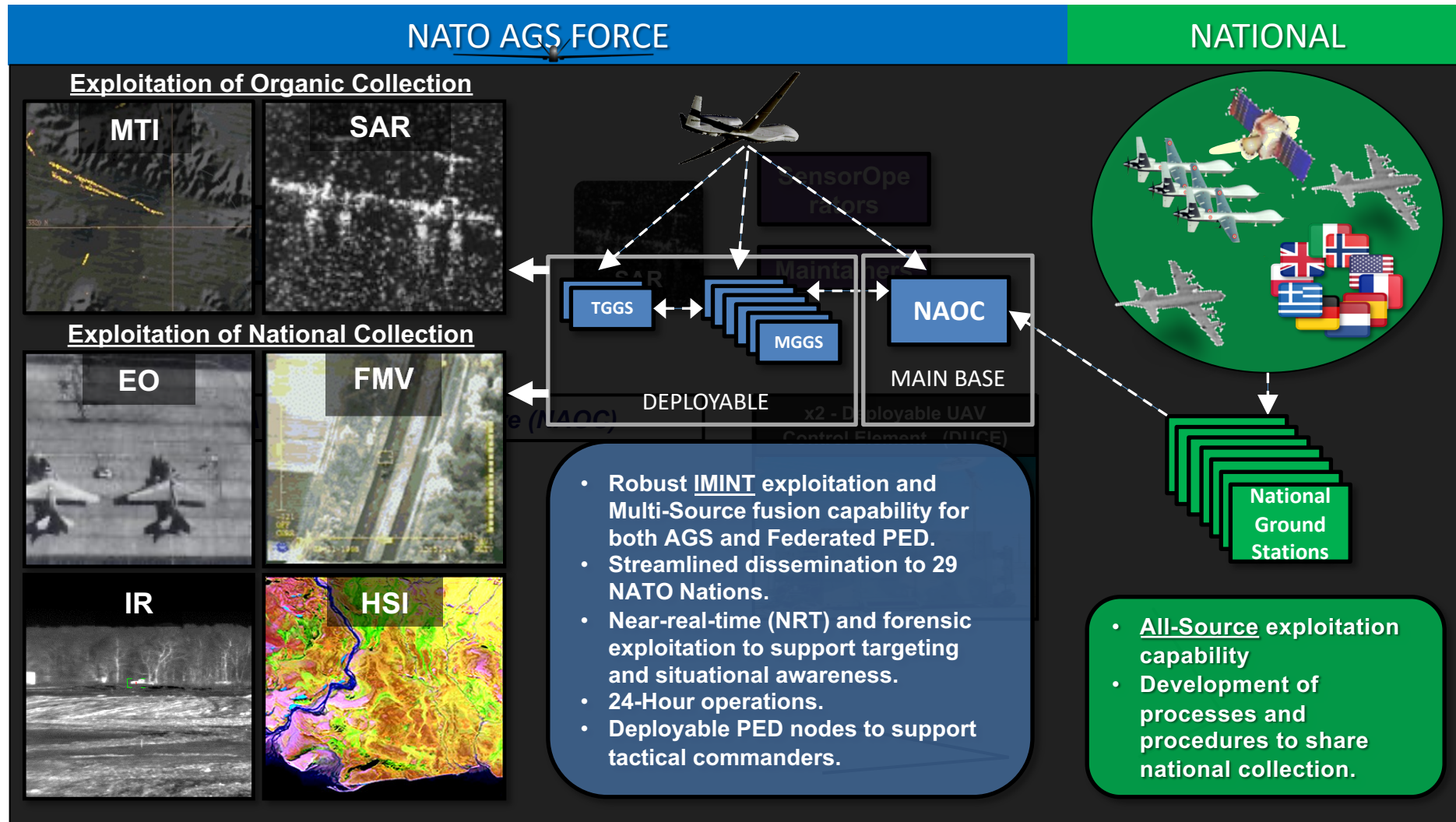
Zeitansatz

Roh-Quelle(n)



Produkte

FEDERATED PROCESSING, EXPLOITATION, and DISSEMINATION (PED)



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