



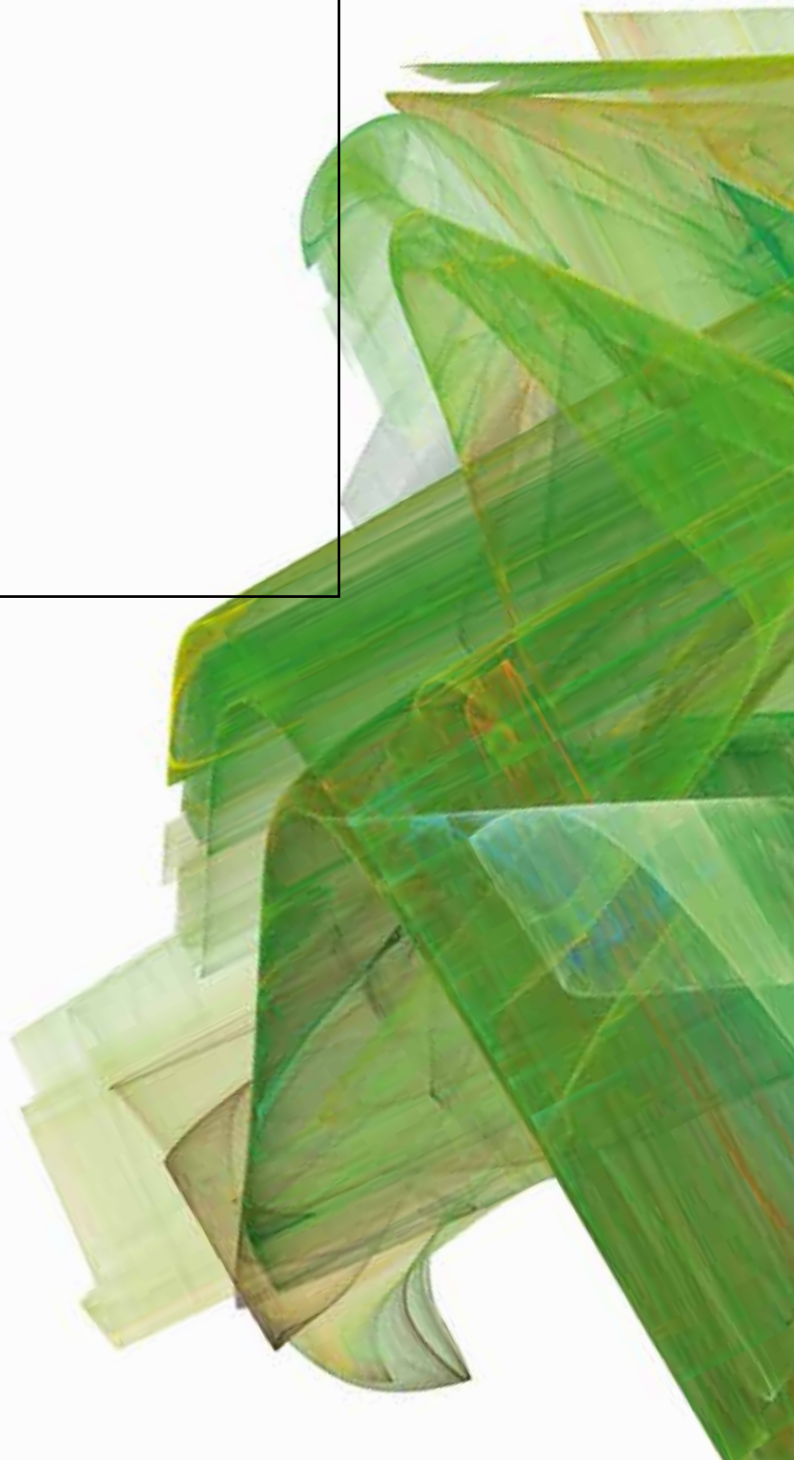
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DEFENSE AND SECURITY

AIR DEFENSE ARTILLERY OPERATIONS CENTRE

Defense and security in five continents

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Weapon terminal

More control and security at the operations centre

The backbone of Air Defense Artillery

COAAAS is the backbone of Air Defense Artillery (ADA) Command Post (CP) that permits an ADA commander to perform engagement operations and to control medium, low and very low range weapon systems, against the air threat.

COAAAS can be adapted to operate in different scenarios and to obtain the desired control capability for vital point/ area defense or manoeuvre unit defense, as it has different configurations:

COAAASL (COAAAS Light) that permits the control of low and very low range weapon systems.

COAAASM (COAAAS Medium) to control both:

- Medium, low and very low range weapon systems.
- Medium range weapon systems and control systems for low and very low range weapon systems.

COAAASM characteristics

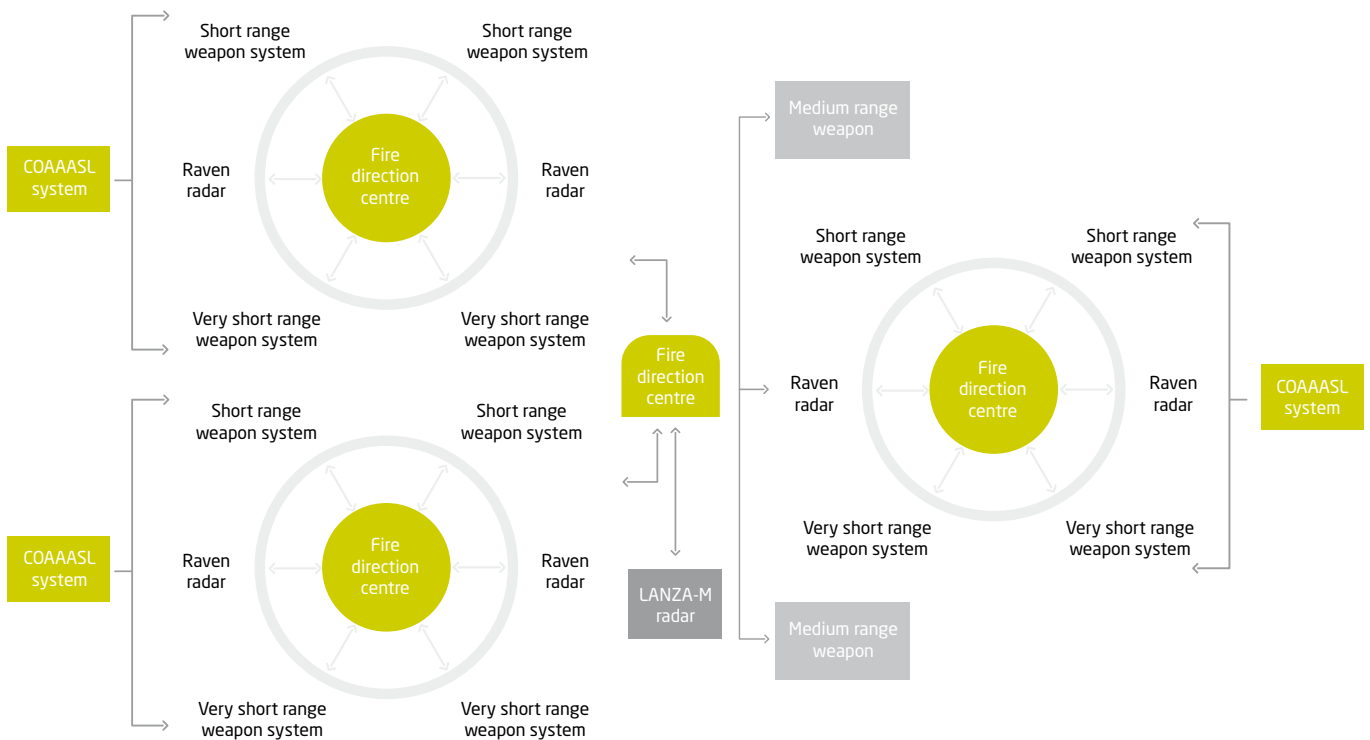
The COAAASM is a medium (MSAMS) low and very low altitude (SHORADS) weapons control system, configured in such a way as to achieve the anti aircraft defense of a key point or area.

In the area defense configuration, the COAAASM is capable of controlling medium altitude weapons, control systems (MSAMS) and surveillance and control systems (COAAASL) which, in turn, control low and very low altitude weapons systems (SHORADS).

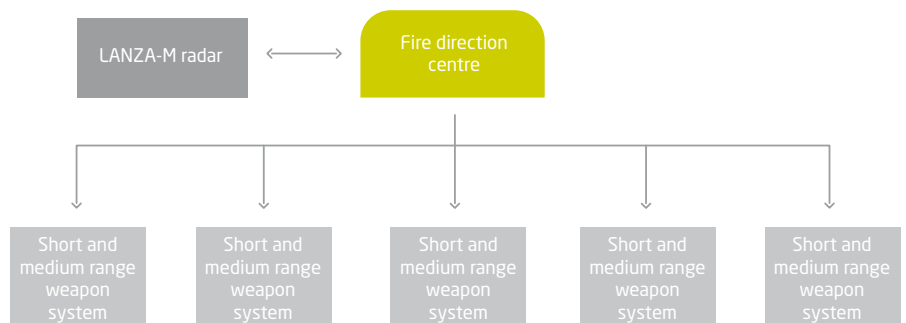
It also can control exclusively medium altitude weapons systems (MSAMS).

In the key point defense configuration, the COAAASM controls medium (MSAMS), low and very low altitude (SHORADS) weapons systems, in a direct way.

COAAASM divisional group



COAAASM defense unit



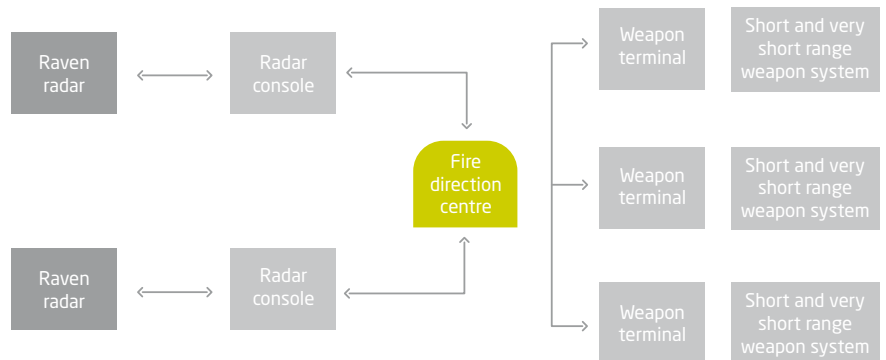
COAAASL characteristics

The COAAASL is a system for the surveillance and control of low and very low altitude weapons systems (SHORADS) configured in such a way as to achieve the anti aircraft defense of a brigade, providing early warning and aiming at missile launcher systems. It can be adapted to any SHORADS weapons system.

Amongst its most important tasks are:

- To use its own surveillance system, providing an immediate reaction to air attacks.
- To control and coordinate the missile systems in a positive way and/or following the procedure.
- To evaluate the threat and assign weapons.
- Integration with Higher AAA Command Posts (COAAASM) or collateral ones (another COAAASL)
- To provide the anti aircraft artillery commander assistance in the efficient redeployment of weapons and sensors based on digitised maps.
- Control systems for low and very low range weapon systems.

COAAASL characteristics



Technical characteristics

Surveillance 2D "Raven"

Continuous wave, frequency modulated
Low radiated power
Including the IFF/SIF

COAAASL's FDC

Located in the S-250E shelter
High resolution graphic display
Communications centre of the combat radio network

WT

Reduced size
Extreme atmospheric conditions
Graphic display of the air space

COAAASM's FDC

Located in the NATO-2 shelter
High resolution graphic display
Two consoles
Communications centre of the radio combat area radio network



COAAASL Fire direction centre



COAAASL Raven radar



ISO 9001:2000



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