

## Weapon Controls

Eurocontrol, since 1970, provides **control systems for weapons**, mainly for naval and also for avionic applications.

Usually the system is composed by special **electric motors, control and power units, HMI, optical sensors, attitude reference units**, with **ballistic calculation** and **tracking of the target features**.

The systems have different communication interfaces, i.e. remote control, local control and FCS of the ship.



### Weapon servo system

Controls the position of a gun or of a rocket launcher slaved to external CMS or commanded by internal FCS DC or brushless servomotors, geared or direct drive fully digital drive power supply circuits.

### Weapon control unit

Controls the functioning of a weapon with electrical actuators: DC or brushless, motors, Fire magnets, Fire circuit control.



### Fire computer | Fire control system

Used in autonomous systems or driven by external sensors lead angles and ballistic corrections calculations may be embedded in the weapon servo system reconstruction of target trajectory stabilization of line of fire and line of sight control of IR and day cameras, LRFs video tracker management, supply circuits.

### Human machine interface panels

Local control panels, Remote Control Consoles Video displays, with touch screen or with lamps and buttons.

### Attitude angles system

Pitch Roll Heading angles measure for naval applications.