

FCS TOWED HOWITZER

TOWED HOWITZER FIRE CONTROL SYSTEM



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Towed Howitzer Fire Control System provides the fire direction and fire control solution for various types of towed howitzers with the digital integration capability to the other fire support systems.

System Units

- Fire Control Computer
- Control & Display Unit
- Gunner's Display Unit
- Inertial Navigation System
- Muzzle Velocity Radar
- Thermal Sight System
- Laser Range Finder
- Optical Gunner Sight
- Power System
- Digital Radio
- Servo Motor and Driver Unit

Technical Specifications

- Fire planning and fire mission execution in digital environment
- Continuous location and gun heading measurement by means of Inertial Navigation System
- Target positioning with Laser Range Finder and Thermal Sight System for direct fire
- Muzzle Velocity Measurement using information from Muzzle Velocity Radar
- Fast & accurate ballistic calculation
- Computation of firing commands using "NATO Armaments Ballistic Kernel (NABK)", Artillery Firing Tables, or specific ballistic software
- Display of fire command prepared by ballistic calculation
- Display of gun laying information graphically
- Automated and precise gun laying
- Data communications with Fire Support C4I Systems via Digital Radios
- Display of battlefield information on a digital map
- Mission oriented, menu driven graphical user interface

