

FCS SELF PROPELLED HOWITZER

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FIRE CONTROL SYSTEM



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Self Propelled Howitzer Fire Control System is completely autonomous which provides the howitzers the capability for rapid positioning, deployment, accurate and fast ballistic computation, precise gun laying and integration to the modern artillery command and control systems.

System Units

- Fire Control Computer
- Gunner's Display Unit
- Assistant Gunner's Display Unit
- Driver's Display Unit
- Inertial Navigation System
- Muzzle Velocity Radar
- Power Control System
- Auxiliary Battery Unit
- Control and Alarm Unit
- Digital Radio

Technical Specifications

- Fire planning and fire mission execution in digital environment
- Rapid deployment and relocation
- Fast & accurate ballistic calculation
- Execution of all artillery missions including time on target, fire for effect, adjustment fire, registration fire and direct fire
- Computation of firing commands using "NATO Armaments Ballistic Kernel (NABK)"
- Remote Weapon Station Integration
- Continuous location and gun heading measurement
- Muzzle velocity measurement and management
- 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

