

MBRL

MULTI BARREL ROCKET LAUNCHER MODERNIZATION



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Within scope of modernization solutions derived from vast experience obtained from working with various Multi Barrel Rocket Launchers (MBRL) of both Eastern and Western origin, inertial orientation, firing, hydraulic, power and communication Systems are integrated, servo motor and drivers, electronic units, and user software interface are improved; promoting Digital Communication, Technical Fire Direction, Ballistic Calculation, Muzzle Velocity Management and integration to Fire Support Automation Systems.

Modernization studies provide MBRLs with increase in operational performance and decrease in maintenance and sustainment costs.

Modernization Components

- Fire Direction Computer
- Fire Control Computer
- Firing Unit
- Manual Control Unit



- Inertial Navigation System
- Hydraulic Levelling System
- Power Management System
- Digital Radio
- Servo Motors and Drivers
- Ground Metro System

Modernization Benefits

- Digital mission planning and automated mission execution
- Continuous position and barrel orientation monitoring via Inertial Navigation System
- Fast march, rapid locating and improved in-action time
- Automatic and precise aiming
- Digital communication with Fire Support and Command&Control Systems
- Rapid and accurate ballistic calculations
- Battlefield awareness on digital map
- Mission oriented, menu controlled, graphical user interface
- Utilization of ground, low and high meteorology data

