

# MAIN BATTLE TANK

NEXT GENERATION MAIN BATTLE TANK  
UPGRADE SOLUTIONS





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## Next Generation Main Battle Tank Upgrade Solutions

ASELSAN presents her state of the art "Next Generation MBT Upgrade Solution"; for heavy MBTs including Leopard 2 and M60; which meets all mid life upgrade requirements while bringing the combat performance of the MBTs beyond all of the existing MBTs. ASELSAN's upgrade system solution is based on the back-bone of the electronic infrastructure of the Turkish National Main Battle Tank ALTAY.

With this upgrade solution, ASELSAN replaces all of the electronic, electro-optic, electro-mechanical and electro-hydraulic systems of the MBTs with newly developed state of the art systems. This leads to increased performance and reduced Life Cycle Cost to incomparable levels with respect to any Main Battle Tank has.

Next Generation Main Battle Tank Upgrade Solution shall boost the battle performance of the MBTs together with the enhancement of their defense capabilities against anti-tank missiles and related terrorist activities.



### System Characteristics

- Improved Fire Power
  - Next Generation Fire Control System
  - Electrical Gun and Turret Drives
  - Remote Weapon Station
- Improved Survivability with
  - Laser Warning Receiver System
  - Situational Awareness System
  - Alert System
  - Battlefield Management System
  - Driver's Sight System
  - Fire Suppression System
- Improved Protection with
  - Add-on Ballistic Protection Modules
  - Add-on Mine Protection Modules
- Next Generation Digital Turret Solution
  - Maximum Performance with Minimum LRUs
  - Indigenous Multi-Functional Operational Scenarios
  - Superior Day/Night Target Engagement Supported by Automatic Target
    - Tracking of Multiple Targets
    - Exceptional Gun/Turret and Sight Stabilization Performance
    - Superior First Shot Hit Probability
  - Language Support for Every Nation in the World
  - Remote Weapon Station, Fully Integrated with Fire Control System
  - Ultimate Fire Power Against Asymmetric Targets in Urban Area
  - Mission Planning in a Digital and Automated Environment
    - Digital and Secure Data/Voice Communication
    - Efficient Energy Distribution over Turret
    - Detailed BIT Capability via Digital Test Infrastructure
    - Integrated Training Simulator

The aforementioned systems can be integrated to Main Battle Tanks in full-configuration or separately upon customer requirements. ASELSAN provides system performance guarantee after integration of all systems keeping the MBT platform operational with additional features. The Digital Turret built up by modern ASELSAN electronics and electro-optical systems spreads the Next Generation Main Battle Tank Upgrade Solution to the top position in the world.