

NT ARMOR

WEHICLE

PROTECTION

Enhanced Armor Solutions

Customized Protection Against Any Grade of Threats

NT Armor offers customized protection solutions, featuring add-on and standalone panels for a wide range of vehicles. Our armor panels are engineered for efficiency, adding minimal weight to military platforms.

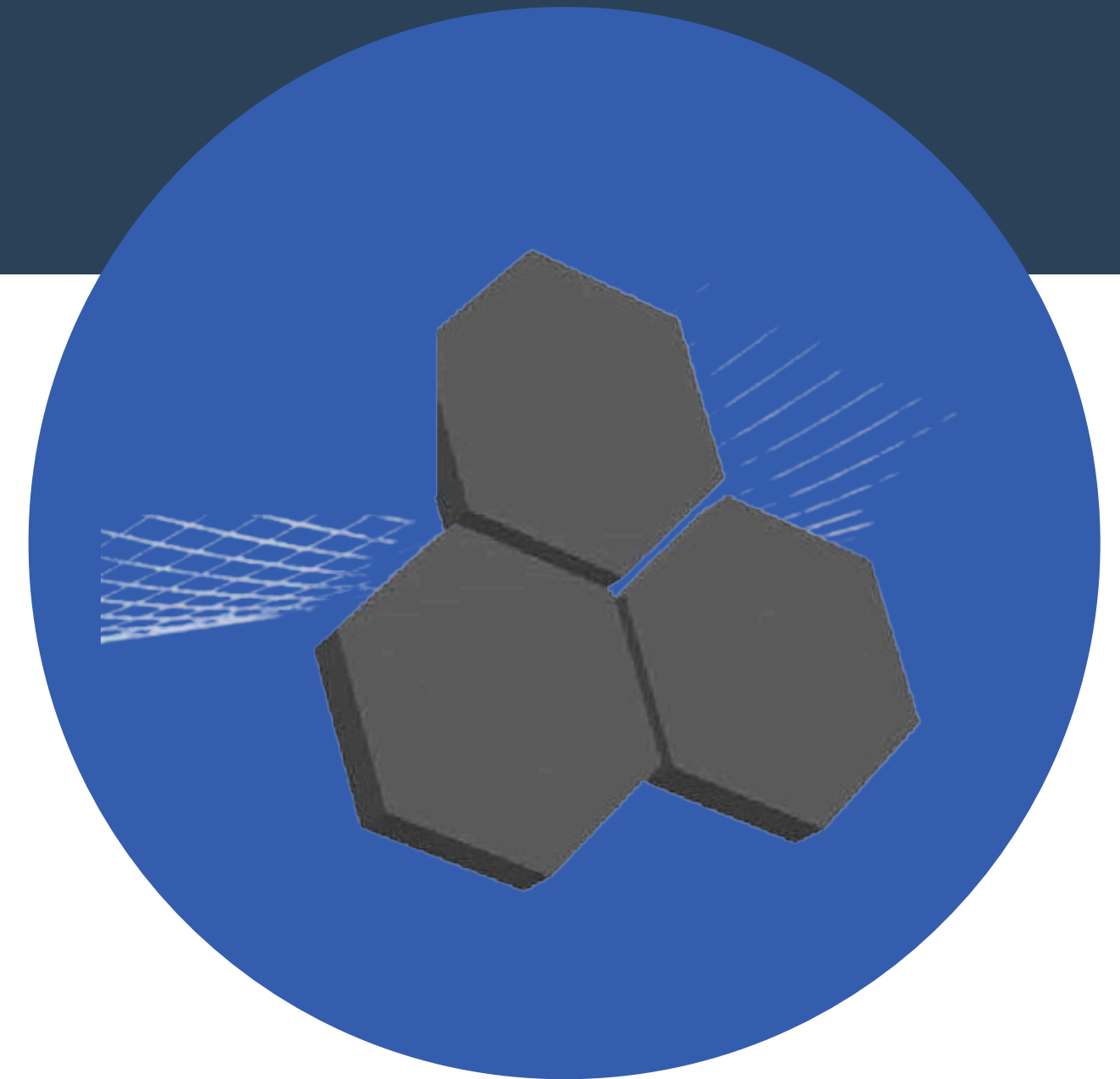
We partner with platform manufacturers to develop armor solutions that provide different levels of protection for the same hull structures, improving the vehicle's mobility and flexibility in active zones.

Our lightweight add-on armor panels ensure platform defense against a multitude of kinetic energy threats, even under multi-hit scenarios. Nurol Teknoloji's advanced armor solutions are designed for multifunctional use and environmental resilience, demonstrating high resistance to UV radiation, chemicals, humidity, and more.

Leveraging our in-house ceramic production capabilities, Nurol Teknoloji has extensive experience in shaping add-on armors for complex vehicle designs, ensuring maximum coverage of potential vulnerability zones.

We provide cost-effective alternatives, considering:

- Customized solutions tailored to each client's needs
- Adaptable design solutions in harmony with hull material type, thickness, and geometry
- An expansive selection of ballistic ceramics and versatile designs guided by ceramic choice
- A diverse range of areal densities for armor panels
- Lightweight designs without compromising on superior ballistic performance
- Cost-efficient design alternatives



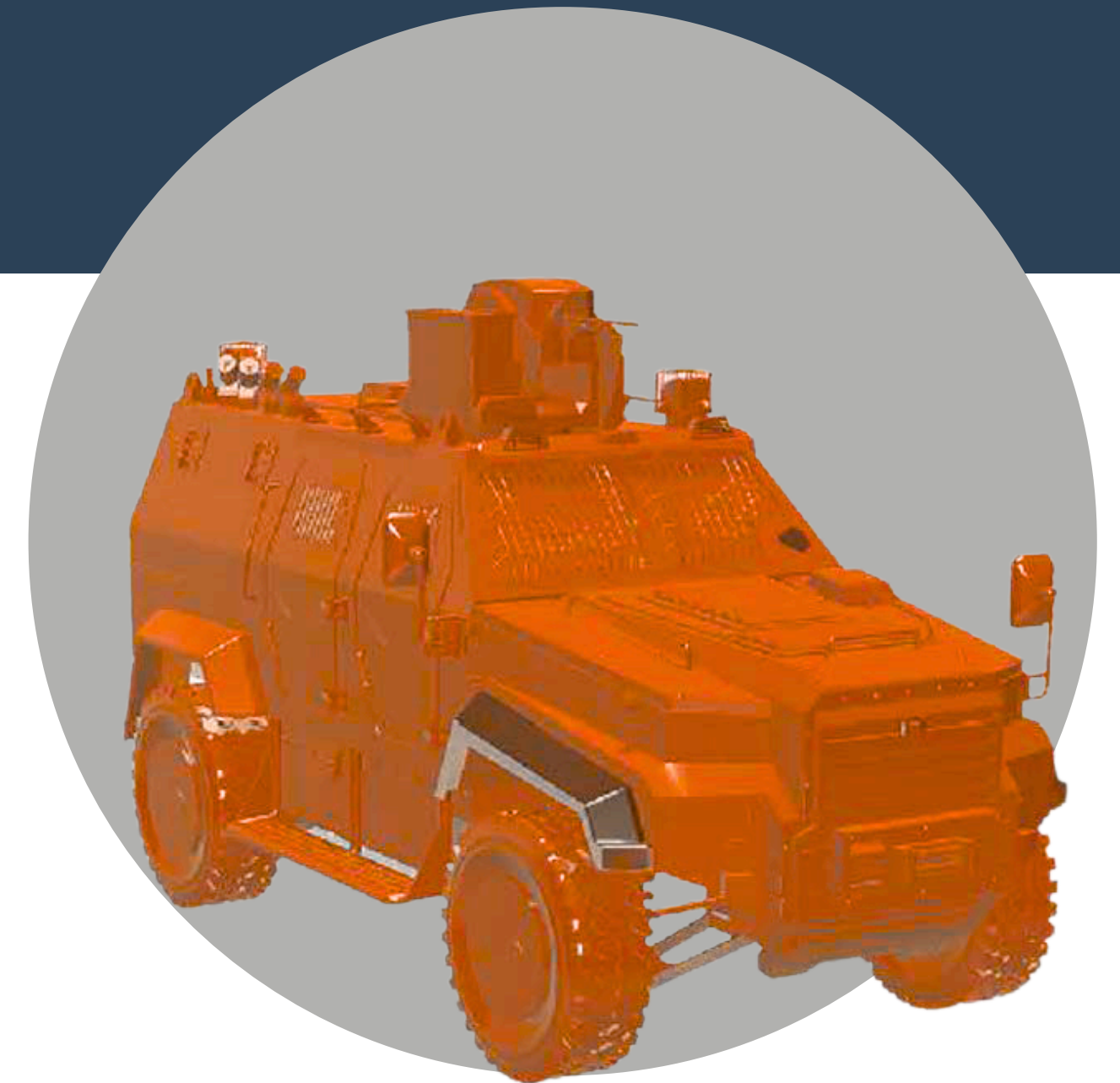
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Military Land Vehicles

Customized Protection Against Any Grade of Threats

NT Armor can design Vehicle Armors that exceed the NATO STANAG 4569 threat level specifications, ranging from level 1 to level 5.

- Protection against improvised explosive device (IED) threats is a key feature.
- The product range includes Modular Hybrid Armor Systems, complying with the technical requirements and weight criteria of projects.
- Both flat and shaped armor panels are available, in addition to customized lightweight spall liners.
- Ballistic armor panels, resistant to vibrations and providing full protection under varying environmental conditions, form part of the offerings.
- Design support and protection level development, customized to the body armor steel of vehicles, are integral services.
- Application support is provided for either Stand-Alone armor or Add-on armor, along with various advanced assembly options.
- The armor solutions maintain superior protection, durability, and operational performance without impacting the mobility of the vehicle in high-threat environments.



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Naval Platforms

Customized Protection Against Any Grade of Threats

NT Armor delivers advanced protection for control rooms, captain bridges, critical cabling, and vital storage areas with composite armor solutions.

- Armor design aligns with challenging criteria to ensure maximum protection.
- The product range includes composite armors performing optimally under multifunctional usage requirements and diverse environmental conditions.
- The armor solutions are lightweight, offer high ballistic performance, and are easy to assemble.
- Add-on and Spall Liner applications, utilizing ultralightweight panels, are available to enhance the protection levels of existing sea platforms.
- All products adhere to MIL-STD-810 standards, ensuring optimal performance under diverse environmental conditions.
- Protection extends to threats as per MIL-PRF-46103E, including but not limited to:
 - Type I 5.56mm.
 - Type II 7.62mm calibers.
 - Type III 12.7mm calibers.
 - Type IV 14.5mm with hard steel core armor piercing incendiary (API) projectiles.



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Airborne Platforms

Customized Protection Against Any Grade of Threats

NT Armor delivers:

- Extremely lightweight composite armor solutions for both fixed and rotary-wing platforms.
- Protected bucket and wing systems.
- Shielding for floors and side sections.
- Lightweight armor defenses catered to counter specific threats.
- Resistance to threats up to 12.7 mm Armor Piercing (AP).

Our ballistic solutions can handle a variety of Kinetic Energy (KE) threats and adhere to other International Standards such as:

- National Institute of Justice (NIJ) Standard 0108.01.
- Military Standard (MIL-STD) 662F.
- NATO AEP-55 STANAG 2920 V50 Requirements.



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