



TSD Revolutionises Military Protection with its Interchangeable Armoured Cabin

The innovative solution developed by the Spanish company enables any military truck to be adapted for high-risk environments in less than six hours and has already been adopted by the Portuguese Army within the NATO framework.

The Spanish company **Technology and Security Developments (TSD)** has developed an innovative protection solution for the Armed Forces that represents a significant advance in operational security, logistical flexibility and resource optimisation. The solution consists of an **Interchangeable Armoured Cabin (IAC)** designed to be installed on any military truck chassis whenever mission requirements demand enhanced crew protection.

This technology has already begun to be implemented by the **Portuguese Army** as part of its **Medium Tactical Vehicles (VTM)** programme, managed through the **NATO Support and Procurement Agency (NSPA)**, establishing itself as an innovative solution for the current and future needs of allied armed forces.

A Versatile Design for Multiple Missions

TSD's Interchangeable Armoured Cabin stands out for its ability to be integrated onto any commercially available chassis, providing a dual-use capability that enables a conventional logistics vehicle to be rapidly transformed into a protected platform according to mission requirements.

One of its key advantages is the speed of conversion. The transition from a standard cabin to an armoured cabin can be completed in less than six hours, without the need to replace the vehicle itself. This maximises fleet availability while significantly reducing downtime.

The cabin provides ballistic protection of up to **STANAG Level III**, tested and certified by an accredited laboratory, ensuring high levels of safety for crews operating in demanding and high-risk environments.

A Solution Adaptable to Any Logistics Platform

The versatility of the Interchangeable Armoured Cabin enables its integration across a wide range of military and logistics vehicles, including:

- Troop transport trucks.

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- Water and fuel tankers.
- Multilift systems.
- Recovery and crane vehicles.
- Any 4x4, 6x6 or 8x8 logistics platform available on the market.

This adaptability makes the cabin an especially attractive solution for armed forces seeking to enhance vehicle protection without investing in entirely new fleets.

Added Value for Armed Forces

TSD's solution delivers economic, operational and strategic benefits.

From an economic perspective, a single armoured module can be utilised across different chassis, optimising investment and improving resource efficiency.

Operationally, the rapid conversion process allows vehicles to remain available for a variety of missions, enabling armed forces to respond quickly to changing deployment requirements.

From a strategic standpoint, compatibility with NATO-standard platforms already in service facilitates the integration of enhanced protection capabilities without the need for costly vehicle replacement programmes.

Precision Engineering in the Service of Security

In addition to designing the armoured cabin itself, TSD has developed all the necessary vehicle modifications to ensure an efficient, safe and reliable installation and removal process. This capability for customisation and integration enhances operational effectiveness while maximising the use of existing resources.

The company continues to develop new configurations compatible with different manufacturers and platforms, expanding the potential applications of this technology in both domestic and international markets.

With the development of the Interchangeable Armoured Cabin, TSD reinforces its commitment to innovation in defence technology, delivering a solution that combines protection, flexibility and efficiency to meet the challenges of today's operational environments.

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About TSD

Technology and Security Developments (TSD) is a Spanish company specialised in the design, development and manufacture of special-purpose vehicles and advanced protection solutions for the defence and security sectors.

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