

CUSTOMER

Armed Forces of Ukraine (Ministry of Defence of Ukraine)

SITUATION / CHALLENGE

Years prior to the February 2022 invasion by Russian forces, the Armed Forces of Ukraine faced a pressing challenge when they sought to equip their military vehicles with a reliable and adaptable night vision solution. While night vision equipment was already deployed for soldiers, a gap existed with combat and combat support vehicles, specifically for allowing drivers to maneuver safely while maintaining tactical operational speed.

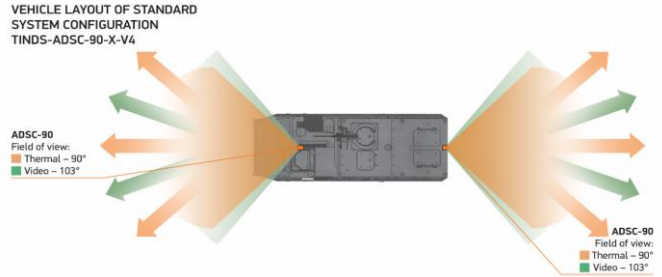
SOLUTION

The solution came in the form of the ATRI TINDS DVE (Driver Viewer Enhancer) developed by ATRI UAB and initiated in 2018 with a specific focus on providing an advanced but simple, highly effective, and cost-efficient solution for nighttime armored vehicle operations, precisely addressing the Ministry's concerns.

In the war in Ukraine, armored vehicles have been used extensively in both urban and rural environments. The ATRI TINDS DVE system has been particularly useful in urban areas where visibility is often limited by buildings and other structures. The thermal imaging capabilities of the system allows drivers to detect and identify potential threats, even in the dark or smoke-filled streets. In rural areas where visibility is often limited by trees and other vegetation, the thermal imaging capabilities provide an advantage even in the dense forests or open fields of Ukraine.

DVE LAYOUT

Highly configurable for specific vehicle installation



Control Unit and Monitor



Fullscreen Display



Control Unit



Quad Display

The ease of use, effectiveness and combat advantages afforded by the ATRI TINDS resulted in additional requests and delivery of units since the Russian invasion. The commitment and delivery of numerous armored and security vehicles ranging from the still in-production Ukrainian Novator APCs to Soviet made BRDM 2Ls, BRT-80s, and MT-LBs poses an inter-operability challenge for the users. However, the flexibility and ease of installation affords ATRI the ability to install and train users on a variety of platforms.



Novator APC



BRDM 2L



BTR-80



MT-LB