



## Rostec Showcases “Smart” Acoustic Target

*April 20, 2022  
Press Release*

**The Central Research Institute of Precision Engineering (TsNIITochMash) of Rostec State Corporation has demonstrated the capabilities of Indicator, a “smart” acoustic target complex. The complex is designed to determine the shooting accuracy and grouping of new small arms, as well as to test sniper weapons. The complex performs on a par with modern British and Swiss counterparts.**

“The smart target consists of a frame with acoustic sensors and a computer. The complex operates using the principle of acoustic location. Its sensors pick up the shockwave produced by the bullet as it passes through the contour of the target and the computer determines where exactly the target has been hit.

“With this smart target, you can quickly and reliably determine the accuracy and grouping of your shots. The technology guarantees that the target is not triggered by ricochet bullets or pieces of soil. It also eliminates the “human” factor in test results as it has been completely excluded from the process of collecting and processing the test results. The development is already being used by a number of Russian arms manufacturers. The complex performs on a par with newest counterparts from Switzerland and Great Britain,” commented **Bekhan Ozdoyev**, Industrial Director of Rostec’s armament cluster.

The target system has two versions: “Indicator-1” and “Indicator-2.” They differ in the shape of the acoustic target frame and the location of acoustic sensors.

**TsNIITOCHMASH JSC** is part of Rostec State Corporation and is directly managed by the latter. The company is a center for research and development of small arms, ammunition, simulators, combat gear, other weapons, as well as means of protection of arms and military equipment against high-precision weapons. TSNIITOCHMASH JSC products are supplied to Russian and foreign security services. Among the equipment designed by the institute are the second-generation Ratnik combat gear, APS and SPP-1 underwater weapons, guidance device for the Kornet ATGM system, Nona and Lotos self-propelled mortar guns, the Gyurza (“blunt-nosed viper”) handgun and many others.

**Rostec State Corporation** is Russia’s largest manufacturing company. It is celebrating its 15th anniversary in 2022. The company comprises more than 800 scientific and industrial entities in 60 regions of Russia. Its key businesses include aircraft engineering, radioelectronics, medical technologies, and innovative materials. The corporation’s portfolio includes renowned brands such as AvtoVAZ, KAMAZ, UAC, Russian Helicopters, UEC, Uralvagonzavod, Ruselectronics, Shvabe, Kalashnikov, etc. The company supplies its products to more than 100 countries worldwide. Hi-tech export sales make up almost a third of Rostec revenues.

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