

INDUSTRIAL CONSORTIUM  
**KCGM**  
J.KILIAN GLOBAL.AG MEXTEC

presents:

**AKRS**  
AK-PLATFORM RAIL SYSTEM



U.S.  
DEPT OF  
DEFENSE



# AKRS: AK-PLATFORM RAIL SYSTEM

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## Introduction



Over the decade long engagement of GLOBAL.AG S&C in various government contracts across the globe, GLOBAL.AG operators quickly learned to avoid AK-pattern rifles as duty arms whenever possible due to the platform's outdated features. When in 2022 the AK platform became unavoidable, the need for sophisticated & quick modernisation options became pressing.

After testing all notable solutions on the market, GLOBAL.AG came together with J.Killian and meXtec Germany to create the single most advanced rail system for AK pattern rifles on the market - meet the:

# AKRS

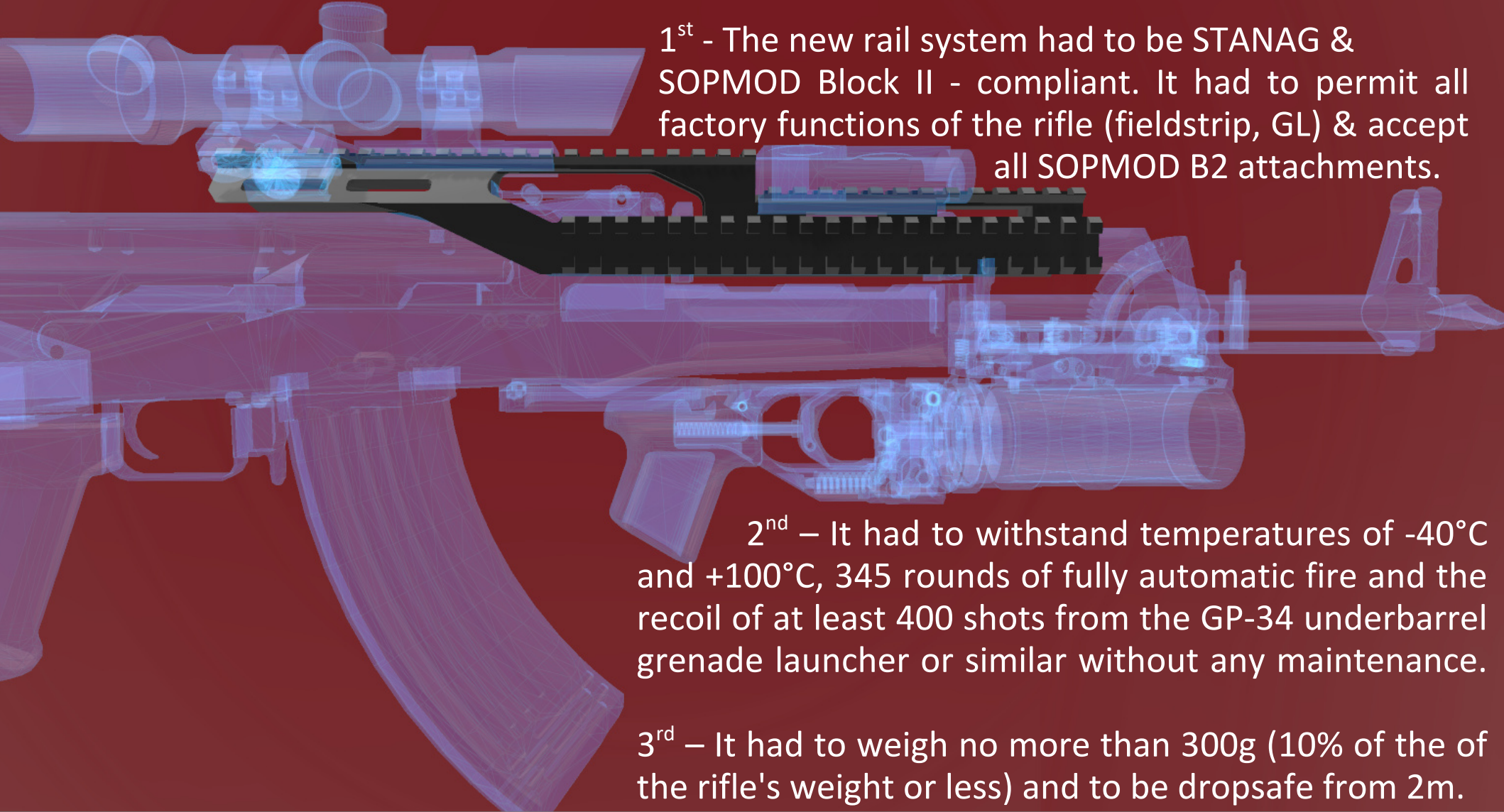
AK-PLATFORM RAIL SYSTEM



# AKRS: AK-PLATFORM RAIL SYSTEM

## Description

Entering development, GLOBAL.AG issued three key requirements to its partners:



1<sup>st</sup> - The new rail system had to be STANAG & SOPMOD Block II - compliant. It had to permit all factory functions of the rifle (fieldstrip, GL) & accept all SOPMOD B2 attachments.

2<sup>nd</sup> – It had to withstand temperatures of -40°C and +100°C, 345 rounds of fully automatic fire and the recoil of at least 400 shots from the GP-34 underbarrel grenade launcher or similar without any maintenance.

3<sup>rd</sup> – It had to weigh no more than 300g (10% of the of the rifle's weight or less) and to be dropsafe from 2m.

# AKRS: AK-PLATFORM RAIL SYSTEM

## Stats



### AKRS STATS:

#### Base platform:

- AKM, RPK, AK-74, Saiga, Molot Vepr a.o.
- Compatible with GP-25, GP-30, GP-34 and similar underbarrel force multipliers.

#### LxWxH:

- 340mm x 50mm x 47mm
- 12mm over standard rifle height

#### Weight:

- 285g / 220g over factory rifle weight

#### Materials:

- EN AW 7075 Aluminium Alloy (Rail)
- AISI 416 Stainless Steel (Inbus screws)

#### Additional:

- 206mm radius,U-notch backup iron sights
- 4 x 45° MLOK slots, 2 x L & 2 x R



# AKRS: AK-PLATFORM RAIL SYSTEM

## Concept & Technology

The AKRS was developed after multiple failed attempts to properly modernise issued service weapons using commercially available solutions to a reasonable proximity to modern NATO small arms doctrine. After months of trials, we could not identify a single full top rail system with Mil-Spec execution & SOPMOD B2 compatibility on the market and so we decided to create a dedicated rail system to satisfy our own demand.

The non-compatibility of comparable rails with standard issue force multipliers like the GP- grenadelaunchers, the loss of iron sights and/or full fieldstrip capability, the overcomplexity paired with weak droptest- & force impact performance, sharp edges and wiggle are just a few of the issues encountered.

After teaming with reputable industry partners like J.Kilian, a leading enterprise in robotics machinery & mechanical design, and meXtec Germany, a renown manufacturer of critical and load bearing parts, known for their uncompromising approach and indisputable quality, we, after 6 months of trials and real world application of prototypes, were able to create the without doubt single best rail system for AK-pattern service rifles on the market.



Ukraine, Donetsk direction, 2023



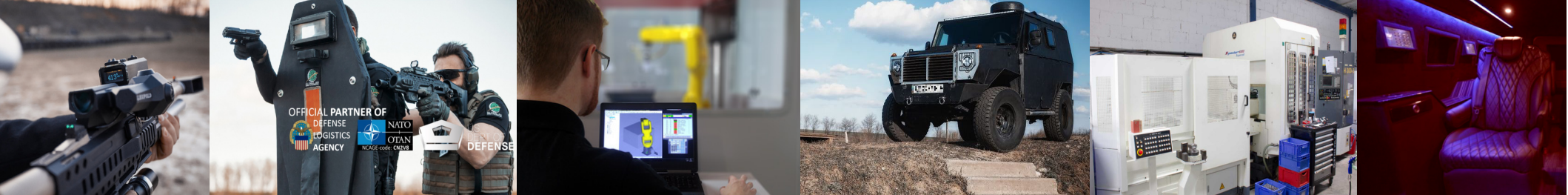
### MDNS (Block II & Phased Replacements)



Block 1 Phased Replacements		Block 2	
 <b>SU-231/PEQ Reflex Sight</b> 1240-01-533-0941	 <b>SU-237/PVS Sight Unit</b> 1240-01-540-1186	 <b>SU-230/PVS Articulated Telescope</b> 1240-01-533-0939	 <b>SU-232/PAS Thermal Sight</b> 5855-01-533-0557
 <b>AN/PVS-17 Product Improvement Kit</b> NSN Pending	 <b>M4A1 Carbine w/Carrying Handle</b> NSN 1005-01-302-0903	 <b>LA-5/PEQ ATPIAL</b> 5855-01-533-0555	 <b>AN/PVS-24 Night Vision Device</b> 5855-01-533-0940
		 <b>Second Generation Rail Interface System</b> 1005-01-547-2624	
		 <b>SU-233/PVS Gun Light</b> 5855-01-533-0996	 <b>SU-238/PVS Integrated Gun Light</b> 5855-01-540-1185







**MSRP: 399,- € | Capacity: 400 units/month | Do not hesitate to contact us for an inquiry: [KGM@GLOBALAG.DE](mailto:KGM@GLOBALAG.DE)**



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