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PROTECTOR REMOTE TURRET

- Remote turrets for the US market

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Martin Rold Hansen
Manager Business Development





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PROTECTOR Remote Turret

Activities in the US market

- Introduction
 - The PROTECTOR Remote Turret?
- KDA's role in key US turret programs
 - US Army Stryker program
 - US Army RCV program
 - US Marine Corps ARV program
 - US Marine Corps ACV program





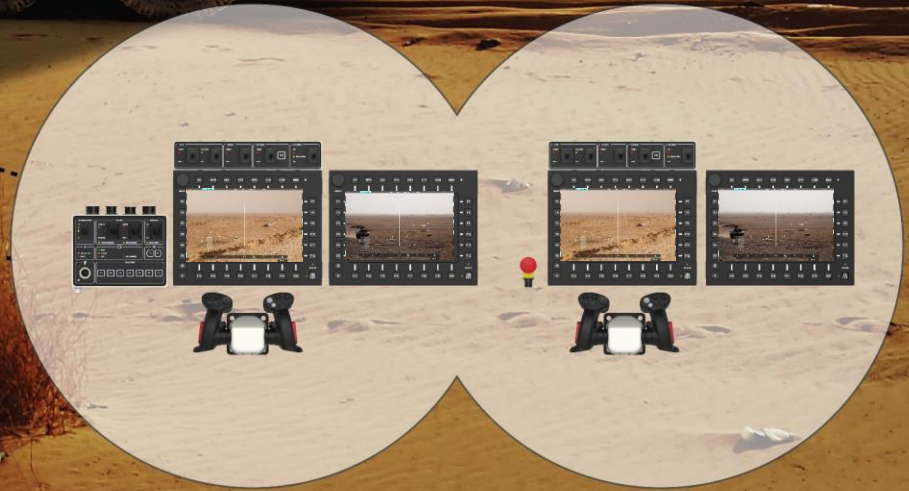
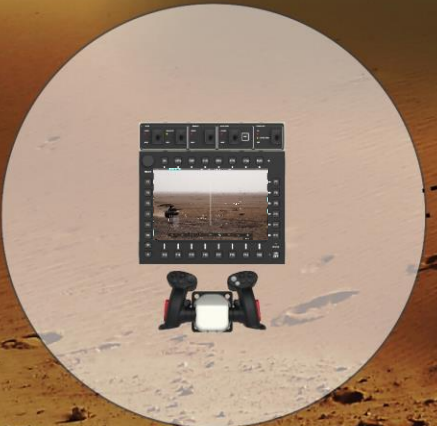
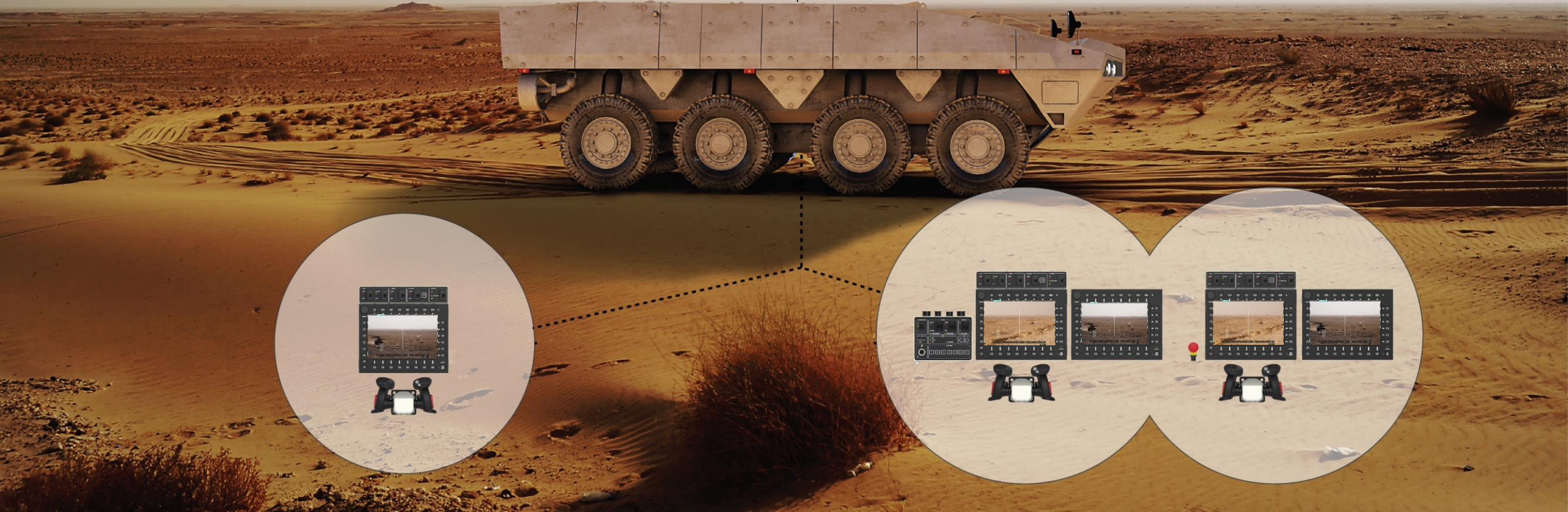
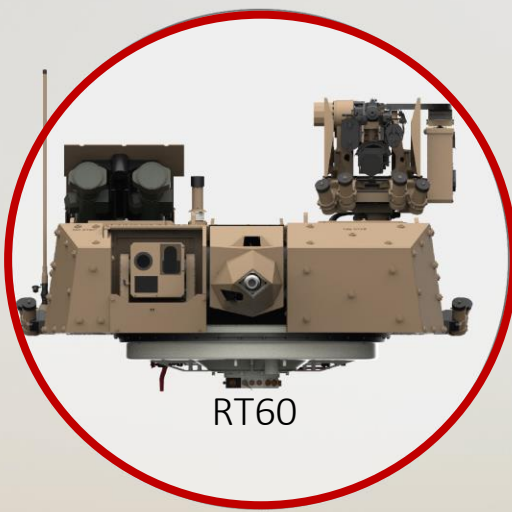
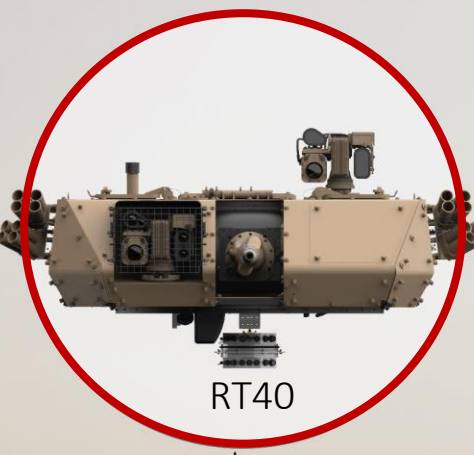
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Introduction



The PROTECTOR family





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What is the PROTECTOR Remote Turret?





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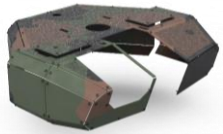
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The key focus in the US

Configurable



Protection



- Unmanned
- Internal reload

Armament



Network



Growth





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US Army Stryker program





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US Army Stryker program



- Contract awarded in 2016 for the first 83 Remote Turrets
- Rapid production and program execution with fielding to the end user 2CR in Germany during 2018
- New competition on-going for the next three brigades (269 vehicles). KDA is teamed with GDLS
- Currently our system is undergoing competitive tests in the US. The announcement of the winner is expected in the spring of 2021
- The serial production of winning system will start already in 2021





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US Army Robotic Combat Vehicle (RCV) program



NGCV-CFT RCV Campaign Plan



RCV(L)

- Weight – 7 ton
- Transport – Rotary Wing
- Lethality – Direct Fire & ATGM
- Platform – Undetermined, question if RCV(L) a SMET?



RCV(M)

- Weight – 10 ton
- Transport – C130
- Lethality – Medium Caliber & multiple ATGM
- Platform – Undetermined



RCV(H)

- Weight – 20 ton
- Transport – 2 per C17
- Lethality – Tier 1 threat defeat
- Platform – Undetermined



RCV Requirement and Technology Development Phases

Learning Experiments	FY19-FY20	4X RCV(L) surrogate vehicles with CROWS-J ONS
Phase I	FY19-FY20	4X RCV(M) surrogate vehicles with PLWRWS
Phase II	FY19-FY21	4X RCV(L) with CROWS-J TR and 4X RCV(M) XM813(?)
Phase III	FY20-FY23	4X RCV(H)

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QINETIQ
North America

TEXTRON





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US Army Robotic Combat Vehicle (RCV) program



- KDA to deliver a secure, network based wireless capability for both CROWS and our 30mm Stryker turrets.
- Ability to wirelessly control and fire a variety of crew-served and anti-tank weapons
- Integrate KDA's CORTEX ICS for enhanced situational awareness
- Four Stryker 30mm systems which will be updated and utilized as RCV(M) assets for an Operational Evaluation in 2021.
- Both systems will be controlled by the same operator position giving full user flexibility of controlling either an RCV(L) and RCV(M).





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USMC Advanced Reconnaissance Vehicle (ARV) program



- Replacement for the U.S. Marine Corps legacy Light Armored Vehicle (LAV)
- Potential of 500+ vehicles



PROTECTOR Remote Turret

USMC Advanced Reconnaissance Vehicle (ARV) program



ICS 



 Low weight

«At the edge variant» **SAIC**





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PROTECTOR Remote Turret

USMC Amphibious Combat Vehicle (ACV) program



- Replacement for the aging Assault Amphibious Vehicle (AAV)
- Vehicle contract won by BAE Systems
- Potential of 400+ vehicles



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USMC Amphibious Combat Vehicle (ACV) program



- The KDA Remote Turret has been selected as the 30mm lethality solution for the USMC Amphibious Combat Vehicle (ACV) program
- The system will be integrated on the BAE 8x8 ACV-30 platform and join the ACV family of vehicles
- The KDA ACV configuration is a compact and light weight variant which is fully marinated and includes the latest KDA technology within fire control, sensor capability and lethality performance
- KDA will deliver the first system to BAE in early 2021. This system will undergo a series of test activities including marination and lethality testing. Serial production is planned to start in 2024





Questions?