# WE ARE STRONG TOGETHER

## GÖKTÜRK
### Defence Industry

# About

Gokturk Global and Information Systems is a Turkish company that develops its systems and equipment with its own resources and has a hundred percent domestic capital operating in the sectors of "defense, smart cities, cybersecurity, and financial technologies". Gokturk Global underwent a restructuring to create added value within the defense, cybersecurity and financial technology sectors, taking advantage of its know-how and experience in the field of advanced technologies in 2018. With this restricting Gokturk Global has combined its activities in defense and public security technologies under registered trademark Gokturk Global.

Gokturk Global has developed national and domestic critical solutions, some of which are first in the country, such as Electro Optical Imaging and Border Security Systems, Military Vehicle Electronics Systems, Rotary Wing Armed / Unarmed Drone Systems, Display System Solutions with its engineering capabilities.

All Gokturk Global systems (indigenous hardware design, embedded software design, system designs) delivered to the end user, are developed by engineers who are experts in their fields. Gokturk Global works in accordance with customer requirements, and is capable of producing/revising products and solutions prepared while keeping its products and technologies up to date. Consequently, it has the capability of designing image stabilization, moving object tracking, object recognition and classification algorithms using artificial intelligence and big data technologies in-house.

Gokturk Global aims to improve its technological and engineering capabilities and to be a leader in the future technologies by offering many domestic and national products to both Turkey and friendly nations in the defense field with prioritizing the needs and satisfaction of internal and external stakeholders.

# Mission

To contribute to the strengthening of the Turkish Defense Industry with innovative technology and military solutions, to share the developed products and systems with friendly countries.

# Vision

To become a leading global brand by creating local and global solutions with high value-added critical technologies.
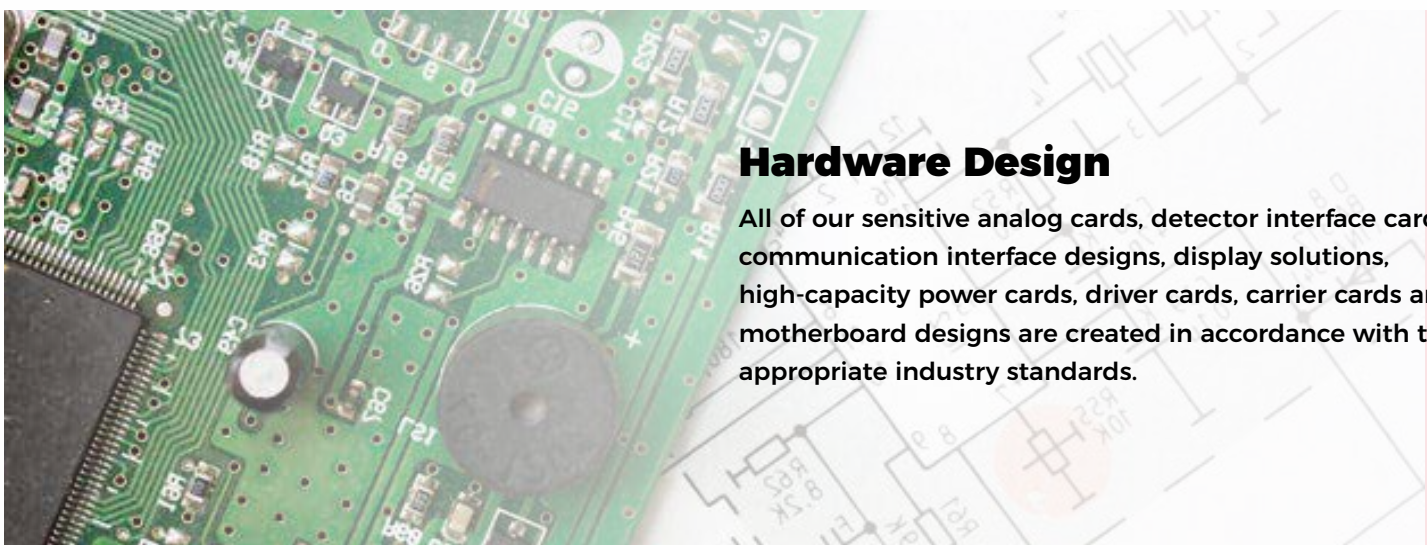
# Index

# Gokturk Global Design Capabilities

## System Design

We produce innovative and competitive solutions for systems and products, and especially for Vehicle Electronics, Electro-Optical Systems, Environmental Surveillance Systems, Video Management Systems, Power Management Systems, and Image and Data Processing.

## Hardware Design

All of our sensitive analog cards, detector interface cards, communication interface designs, display solutions, high-capacity power cards, driver cards, carrier cards and motherboard designs are created in accordance with the appropriate industry standards.

## FPGA and Digital Design

We are also engaged in the design of camera sensor and external unit interfaces (LVDS, HDML, HD-SDI, etc.), communication interfaces (Ethernet, UART, 12C etc.), "soft" and "hard" processor programming, image processing and improvement, image consolidation, etc.

## Embedded Software

We offer effective solutions in the field of embedded and application software development, including, but not limited to, image and signal processing, task management software, console software, control system software, FreeRTOS and Linux Embedded applications and graphical interface programming.

## Artificial Intelligence and Image Processing

We offer solutions in AI-based image improvement, target classification, target tracking, image stabilization and data processing.

# SONGAR™

# DRONE SYSTEMS

SONGAR™ Armed

SONGAR™ Grenaded

Electro-Optic Payload Options

SONGAR™ SPECIAL PROJECTS
SONGAR™ - TOGAN (TÜBİTAK SAGE)
SONGAR™ ARMORED VEHICLE INTEGRATION

# SONGAR™

SONGAR™ Armed Drone System which is the first Armed Drone in Turkish Armed Forces inventory is developed by ASİSGUARD to be effectively used in any kind of day/night military and security operations. The system can broadcast real-time video and operate within a mission radius of up to 5 kms.

's user-friendly system design reduces the operator's load during mission, i.e. autonomous/manual flight control modes, return to home function on link-loss or critical battery level, mission planning on moving map, autonomous flight on planned route and in-flight mission change during the task.

Ground Control Station's ergonomic and portable design provides maximum usability on the field to the operator. The drone video, flight telemetry data and drone flight position on the moving map can be displayed and recorded on the Ground Control Station. Starting/stopping of the video recording and selection and display of a recorded video among the previous records are also possible on Ground Control

## GENERAL SPECIFICATIONS

Ground control station (GCS)

Autonomous/manual flight control modes

Service ceiling of 3000 meters (MSL) and 300 meters (AGL)

Real-time video and telemetry data transfer

Mission planning on moving map and autonomous flight on planned route

Return to home function in case of link-loss or critical battery level

Operation within a mission radius of up to 5 kms

## PAYLOAD OPTIONS

• Assault Rifle

• Grenade Launcher

• Electro-Optic Payload Options

## SONGAR™ SPECIAL PROJECTS

• SONGAR™ - TOGAN (TÜBİTAK SAGE)

• SONGAR™ ARMORED VEHICLE INTEGRATION

# GENERAL SPECIFICATIONS

**Effective control mechanism**

**Gun rotation between 0˚ and 45˚ on elevation axis**

**Close air support (CAS) in critical military bases**

**Max. 25 minutes of flight time**

**Immediate reaction to known threats**

**Multi-layered fire safety**

**Gun Stabilization System (GSS)**

**Compatible with any Assault Rifle which can carry 5.56 caliber 45 mm ammunition**



**STANDARD PILOT CAMERA**

**OPTIONAL GIMBAL CAMERA**

# SONGAR™

## GRENADED

# SONGAR™
## G R E N A D E D

## GENERAL SPECIFICATIONS

- Effective control mechanism

- Close air support (CAS) in critical military bases

- Immediate reaction to known threats

- Firing up to 4 grenades

- 400-450 meters of effective range

- Gun rotation between +5° and -90° on elevation axis

- Max. 15 minutes of flight time

- Multi-layered fire safety

- Optional drum grenade launcher system which can carry 6 ea. grenades

**GRENADED WITH 4 GRENADE LAUNCHERS**

**GRENADE LAUNCHER STABILIZATION SYSTEM**

**(GLSS) WITH 4 GRENADE LAUNCHERS**

**(GLSS) WITH 2 GRENADE LAUNCHERS**

**GRENADED WITH 6 GRENADE LAUNCHERS AND GIMBAL CAMERA OPTION**

**GRENADED WITH 6 GRENADE LAUNCHERS AND STANDARD PILOT CAMERA**

# SONGAR™

**ELECTRO-OPTIC PAYLOAD OPTIONS**

# SONGAR™



ASİSGUARD provides different electro-optic payload options according to customer request and demands to bring SONGAR™ Drone superior abilities.

## GENERAL SPECIFICATIONS

**Pilot Camera Options for surveillance and exploration purposes**

**Gimbal integrated day light and thermal camera**

**Barrel Camera and Laser Range Finder (LRF) Module (Eye safe laser)**

**640x512 HD image with 10x optical zoom in standard**

**Gimbal integrated day light camera**

**Optional higher zoom capable electro-optic payloads**

## SONGAR™ - TOGAN (TÜBİTAK SAGE)

# SONGAR™

With the integration of the TOGAN ammunition of TÜBİTAK SAGE on The Armed Drone System SONGAR™ developed by ASİSGUARD, has gained the skill of destruction of the target with accurate mortar fire on both stationary and moving operations.
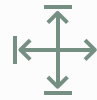
## GENERAL SPECIFICATIONS

- Effective control mechanism
- Easy ammunition load for mission continuity and ease of operation
- Local security and close air support
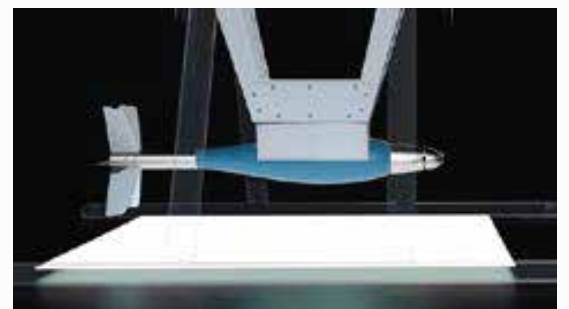- Single ammunition hold-drop mechanism
- Effective radius of operation
- Multi-layered fire safety
- Dynamic fire algorithm

# SONGAR™ | SPECIAL PROJECTS
## ARMORED VEHICLE INTEGRATION

# SONGAR™

SONGAR™ developed by ASİSGUARD, has gained remarkable competence in predetermination and destruction of target in operations with the integration of autonomous armored vehicle.

## GENERAL SPECIFICATIONS

- Capability to integration on Manned and Unmanned Armored Vehicles
- Bringing military vehicles superior fire characteristics
- Using for attacking against threats and traps
- Automatic take off /landing capability
- Day and night operation
- Multi-layered fire safety

# SARGUT

## UNARMED DRONE SYSTEMS

# SARGUT

## UNARMED DRONE SYSTEMS

SARGUT unarmed drone system is developed by ASİSGUARD to be used in civilian operations for surveillance purposes. Due to its gimbal integrated high definition camera, SARGUT drone system is suitable to be used in both day and night camera surveillance missions.

# SARGUT

SARGUT unarmed drone system's user friendly and portable design aims to provide easiness to user during the operation such as autonomous/manual flight modes, return to home function on link-loss, mission planning, autonomous flight on planned route and in-flight mission change.

Real-time monitoring and recording of high definition gimbal camera video and telemetry data of the flight is possible through its ergonomic design of Ground Control Station. Ground Control Station's user interface also allows operator to start/stop the recording of flight or watch a record selected among the previous records.

## GENERAL SPECIFICATIONS

- **x30 Times Continuous Zoom Option**
- **High definition gimbal integrated camera**
- **Ground Control Station (GCS)**
- **Mission planning on Moving map and Autonomous Flight on Planned Route**
- **Day light and Thermal Camera Options**
- **Return to home function in case of link-loss or critical battery level**
- **Automatic take off / landing capability**
- **Operation within a mission radius of upto 5 kms**

## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| **Takeoff weight** | 38 kg |
| **Sizes** | 140 cm from rotor to rotor |
| **Flight Speed** | Max. 15 m/s |
| **Service Ceiling** | 3000 meters (MSL) and 300 meters (AGL) |
| **Operation range** | 3 km (Standard) 5 km (Optional) |
| **Flight Time** | Max. 27 min. |
| **Environmental** | Operating Temperature between -20°C and +50°C Max. Wind speed 10m/s |
| **GNSS** | GPS and GLONASS compatible navigation |

# SARGUT VTOL

## Sub-Cloud UAV System

# GÖKTÜRK
## Defence Industry
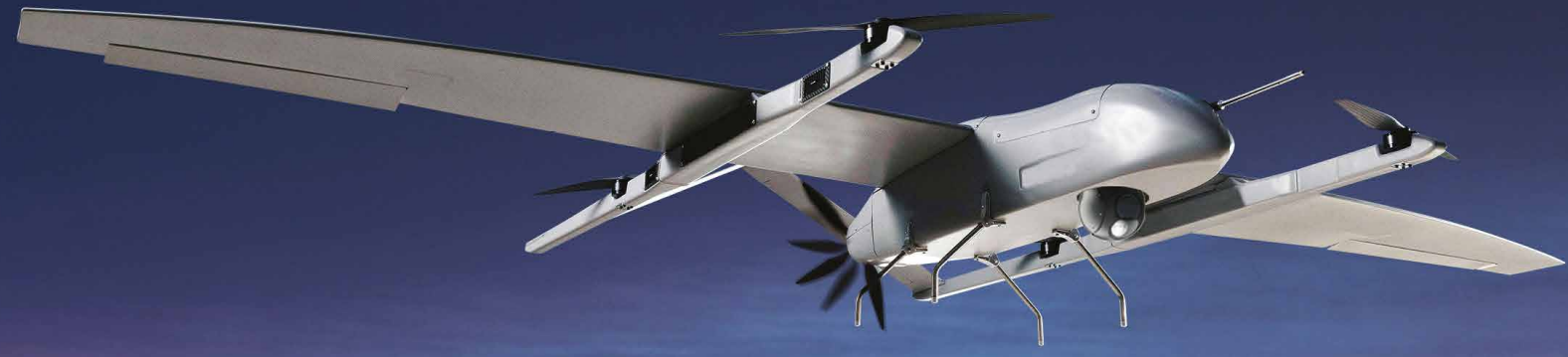
# SARGUT VTOL
## Sub-Cloud UAV System

## GENERAL FEATURES

- Weight: 30 kg
- Wingspan: <3.7 m
- Payload Capacity: 5 kg
- Operational Range: 80 km
- Cruising Speed: 90 km/h
- Wind Resistance: 20 kts

## OPTIONAL FEATURES

- Propulsion System: Electric Motor
    - Task duration: 2 hours
    - Mission altitude: 10,000 ft
- Propulsion System: Gasoline Engine
    - Task duration: 6 hours
    - Mission altitude: 15,000 ft
- Multispectral Sensor
- GNSS Independent Mission Capability
- Basic flight simulator

## MISSION PROPERTIES

- Vertical take-off and landing and runway independent operation
- Transport, use and maintenance with two personnel
- Reconnaissance, surveillance and targeting with EO/IR/LRF sensor
- Ability to function in a jamming environment
- Landing safety and obstacle avoidance
- Moving object detection
- Target coordinate estimation
- Telemetry link redundancy
- Return to home, automatic landing in case of link loss
- Tracking, Detection and Area Protection
- Integration with various mission-oriented sensors

## USAGE AREAS

- Coastal and Border Security
- Inspection of Energy Transmission and Oil-Gas Lines
- Anti-Smuggling and Anti-Terrorism
- Public Security
- Narcotic Plant Detection
- Settlement Thermal Measurement
- Forest Fire Management
- Post-Disaster Assessment
- Environmental Pollution Detection
- Agricultural Applications
- Cartography

# AGGÖZ

# ELECTRO-OPTICAL SIGHT SYSTEMS

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## AGGÖZ
**SAVS** | SITUATIONAL AWARENESS VISION SYSTEMS

## AGGÖZ
**LDSU** | LONG DISTANCE SIGHT UNIT

## AGGÖZ
**CLDSU** | COOLED LONG DISTANCE SIGHT UNIT

## AGGÖZ
**DSU** | DRIVER SIGHT UNITS

## AGGÖZ
**360°** | AWARENESS SYSTEM

# AGGÖZ

## SAVS | SITUATIONAL AWARENESS VISION SYSTEMS

AGGÖZ Situational Awareness Vision Systems (SAVS) is a vision system solution for military vehicle platforms that provides 360-degree environmental awareness in all air conditions at day and night. According to user requirements, digital videos taken by the different configurations of thermal camera, day TV camera and NIR camera transfer to the user monitor via image processing unit, which is a part of the system. In addition, Day TV camera or NIR camera solutions, which are supported with a laser illuminator, are presented as an alternative. According to user needs and work conditions, 360-degree field of view (FOV) and environmental safety is provided by combining images from multiple camera blocks such as single, double or triple.

## GENERAL FEATURES

- Thanks to the systems unique modular design, the system can be configured with any combination of thermal camera, Day camera, NIR camera and laser illuminator according to customers requirements

- Combined images from different combinations of single, double and triple camera blocks

- Standard 60-degree – Customized images with optional different FOVs

- Video transfer capability via analog and Ethernet interfaces

- Simultaneously multiple video transfer

- Adaptable with modular systems

- Fusion view with Day TV camera and thermal camera

- Artificial intelligence applications
    - o Object classification and recognition
    - o Moving object tracking

- Video recording playing capability

- Real time image processing capability

- Multiple images transferring capability to the monitor

- Panoramic image generation capability

- Video compression capability

- Integration capability with other imaging systems of the vehicle platform

AGGÖZ SAVS has capabilities to increase awareness, support driver sight, threat detection and warn with the help of innovative artificial intelligence and image processing capabilities.

## AGGÖZ COOLED LONG DISTANCE SIGHT UNIT - LONG DISTANCE SIGHT UNIT

AGGÖZ Cooled Long Distance Sight Unit (CLDSU) and Long Distance Sight Unit (LDSU) is an Electro-Optical Imaging System with cutting edge technology, developed for identifying, detecting, tracking, measuring distance and shooting targets from a long distance in real time.

AGGÖZ CLDSU / LDSU is designed to meet tactical field requirements in all weather conditions as well as day and night operational capability, can be offered with thermal solutions with or without cooling in accordance with the platform requirements.

CLDSU / LDSU takes advantages of its flexible digital vision interfaces, autonomous features and simple user interface design. It can be integrated with laser range finder having various lens configurations and different effective range characteristics to suit user requirements through its compact and modular design.

**AG GÖZ LDSU** | LONG DISTANCE SIGHT UNIT

**AG GÖZ CLDSU** | COOLED LONG DISTANCE SIGHT UNIT

## GENERAL SPECIFICATIONS

- Long distance sight system
- Cooled or uncooled thermal camera configurations
- High resolution detector
- High resolution and continuous zoom Day-TV camera
- High thermal sensitivity optical design
- Eye-Safe Laser Range Finder compliant with NATO standards
- Artificial Intelligence Applications (optional)
    - o Object detection and classification
    - o Object tracking
- Automatic image optimization
- Image freezing
- Auto-focus
- Continuous zoom lens

# AGGÖZ

## DSU | DRIVER SIGHT UNITS

AGGÖZ Driver Sight Units (DSU) is designed for military vehicle platforms and provides a safe driving support to the driver by detecting close obstacles in day and night conditions and increasing environmental awareness. AGGÖZ DSU, which provides the driver front and rear sight capability in all weather conditions, transfers live camera stream to the driver's screen via digital interfaces with high performance thermal + thermal/Day-TV options. AGGÖZ DSU provides a modular design with high resolution camera components and different lens configurations. Therefore, different design solutions can be offered according to the purpose of use.

## GENERAL SPECIFICATIONS

- Front Sight Camera Unit (Thermal + Thermal/ Day-TV Options)
- Rear Sight Camera Unit (Thermal + Thermal/ Day-TV Options)
- Driver Control and Display Unit (10.1" Display)
- Fixed Focus
- Image Freeze
- Polarity Change (Thermal)
- Modular buttons for user control
- Brightness, sharpness and coloring adjustment functions
- High performance thermal image by image processing algorithms

## APPLICATIONS

- Situational Awareness
- On-board Mobil Applications
- Advanced Vision Capability in All Weather Conditions
- Driver Assistance
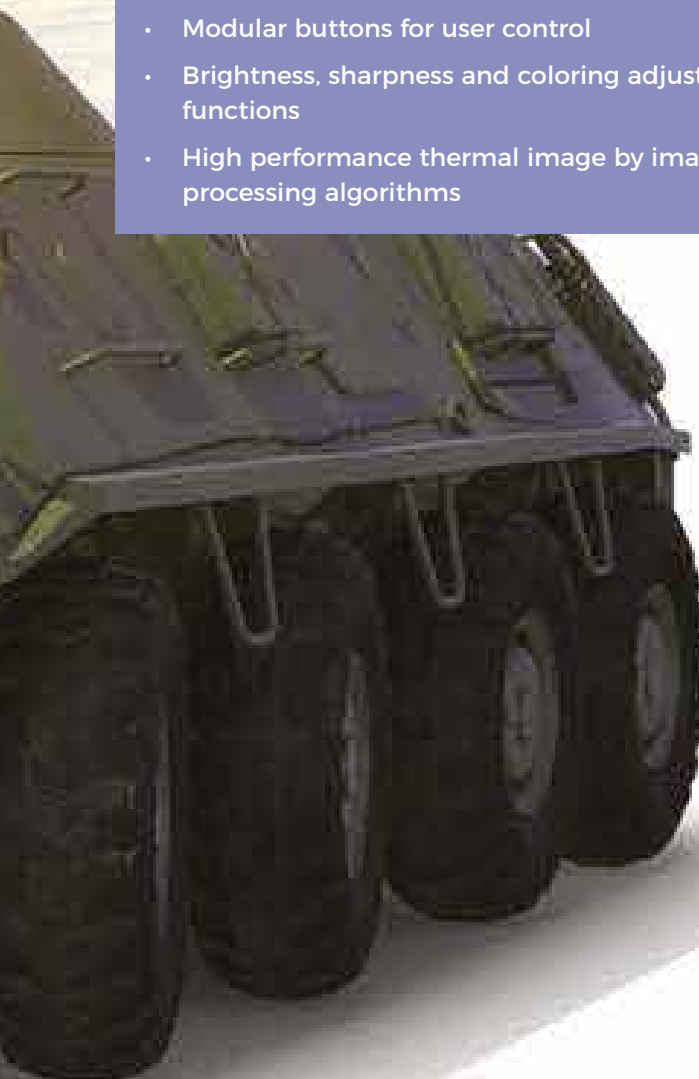
# AGGÖZ

## 360° | AWARENESS SYSTEM



The AGGÖZ 360° Awareness System is a multi-functional surveillance device specially designed for military armored land vehicles that can be integrated onto the vehicle and provides the opportunity to monitor the whole environment. It is a solution that increases the visibility of the user by combining the images from the cameras placed front side, backside and inside the vehicle 360-degree field of view cameras.

The images coming from the camera can be monitored in real time (with 10-30 milliseconds delay) and also the images coming from wide angle are transferred to the DVR.  The user can transfer the recorded images to another sources such as SD cards and USB memories integrated with the system or can watch them on a screen through the SSD drives.

The user can re-monitor the recorded images with their location (GPS coordinates).

# AGGÖZ
## 360° | AWARENESS SYSTEM



RIGHT CAMERA

INTERIOR CAMERA

VNIR CAMERA
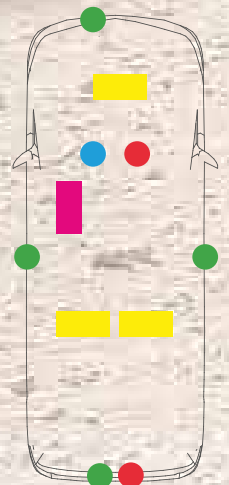
COMMANDER MONITOR

REAR CAMERA

REAR CAMERA

LEFT CAMERA

STAFF MONITOR

VIDEO RECORDING AND CONTROL DEVICE

FRONT CAMERA

DRIVER MONITOR

2019-08-27 23:15:45
ASISVNIR

ASİSGUARD VNIR cameras produces high performance video under zero ligting conditions. The photo above is taken under zero moon light and when the vehicle headlights are off.

# SADAK™

## MILITARY VEHICLE SOLUTIONS

### SADAK™
**VIS** | VEHICLE INTERCOM SYSTEM

### SADAK™
**SAS** | SIREN ANNOUNCEMENT SYSTEM

### SADAK™
**DIS** | DRIVER INFORMATION SYSTEM

# SADAK™

## VIS | VEHICLE INTERCOM SYSTEM

# SADAK™

## VIS | VEHICLE INTERCOM SYSTEM

SADAK™ Vehicle Intercom System (VIS) is an electronic system in military standards which provides voice communication with external operation units to in-vehicle personnel in military land vehicles under operational conditions. The Intercommunication System consists of a central control unit (commander), gunner, driver and personnel modules, external loudspeaker, and headphones with microphones, and cable sets. While it serves low-noise communication, it provides to listen intercommunication and radio. It allows all users to talk and listen radio communication at the same time. It is designed to work in extreme weather conditions and resistant to water, dust and external impacts. It provides high quality communication in vehicle and external communication over two separate radios connected to the system.

While it provides these facilities, SADAK™ VIS gives various options to central commander unit in order to offer purposive solutions. These solutions consist of transmitting and receiving voice from the first radio, receiving voice from the first and second radios, and transmitting voice from the first radio, transmitting and receiving voice from the second radio.

# SADAK™

## SAS | SIREN ANNOUNCEMENT SYSTEM

# SADAK™
## SAS | SIREN ANNOUNCEMENT SYSTEM

SADAK™ Siren Announcement System (SAS) is developed in accordance with military standards for land and sea platforms which allows the personnel to listen to the outside environment and make announcements from inside the vehicle.

SADAK™ SAS transmits the sounds received from the external environment to the internal loudspeaker unit through the microphones installed on the vehicle. Captured sounds pass through digital signal processing and noise filtration algorithms, ensuring that the received sounds are parasitic free and heard by the personnel in the vehicle clearly.



Siren/Warning type can be selected and amplitude of the external sound can be adjusted from the vehicle control panel. SADAK™ SAS consists two parts of outer horn units, an inner handheld microphone, a control unit, an amplifier & power unit, an outer microphone, an inner loudspeaker unit and a cabling set.

It enables to listen the environment with external microphone and internal speaker units. Other units of the system ensure to amplify sound signals and transferring to the external environment.

## External Audio Surveillance Features

- Power ON/OFF Switch
- Power Led Indicator
- Sensitive Volume Adjustment
- In Vehicle Loudspeaker Mute Mode
- Optional Second Outer Microphone

## Announcement and Siren Features

- 7 Preset Siren Choice, Optional increase up to 12 Siren Choice
- Standard Siren Number 2x100W, Optional Siren Number 4x100W
- Announcement Priority
- Sensitive Volume Adjustment
- Power ON/OFF Switch
- Power Led Indicator
- Siren Button
- Horn Button
- Panic Button

# SADAK™

## DIS | DRIVER INFORMATION SYSTEM

# SADAK™

## DIS | DRIVER INFORMATION SYSTEM

SADAK™ Driver Information System (DIS) presents vehicle engine information (vehicle speed, engine speed, engine coolant temperature, engine oil temperature, working time), personnel seat belt status information, and mine lock status information to the user on a single screen.

The driver can check the status messages coming from the CAN data line and the Information / Warning / Error messages of the peripherals to which it is connected, on the 3.8" size information screen.

There are already SADAK™ DIS products on the Turkish Armed Forces vehicle platforms.

DIS enables to get instant information about the working conditions of the vehicle and the status of all personnel in the vehicle to the driver. The DIS screen collects a wide variety of different information items on the screen and enables continuous monitoring of the vehicle's operating status. Information such as speed, fuel status, oil temperature, oil level, engine water temperature, seat belt status, various warnings and cautions, vehicle communication status, status of mine locks, open / closed door status and CAN messages are transmitted to the driver through the DIS screen.

SADAK ™ DIS designed for safe driving and long-lasting vehicle use with warning lights, various warnings, speed and revolutions indicators, seat belt statuses, mine lock warning with display of door open / closed statuses on the screen.

SADAK™ DIS has one IO Module, one electrical installation, and one 3.8" driver information system screen.

## SYSTEM ADVANTAGES

- It has easy installation and integration possibilities.
- There are button functions that can be changed according to user requests on the Display Unit.
- It is an operational system in the inventory of the Turkish Armed Forces.
- More messages can read, through I / O module that can be added to the system in case of additional requirement. This provides opportunity to show more data in contrast with conventional products in the market.
- ASİSGUARD can respond quickly to customer requirements through its own special customize software.
- If there is a different screen in the vehicle, software updates of DIS can also performed for these screens according to the customer's request.
- It is compliant with military standards.

# DISPLAY FAMILY

## FPGA/CPU BASED DISPLAYS

AYN Display Family products are the display systems, which are used in many different applications of military and civilian platforms. The most important component among the monitoring systems is the monitor that allows the information to be interpreted by the user. The priority of ASİSGUARD is to develop products that perfectly meet all requirements of the military user and are compliant to the harsh environmental conditions in which they are used. The monitors developed by ASİSGUARD, with various screen size and many affordable options, offer solutions in military areas.

# GENERAL SPECIFICATIONS

**Low latency video transmission and communication**

**Customizable hardware**

**Quick On/Off**

**High image quality & high resolution (FHD or HD)**

**High speed processor**

**Optional navigation**

**Customizable operating system and application support**

## You're in control without delay

Monitors in the AYN Display Family allow users to watch and control low-latency videos in real time.

## High image quality

It creates a clear, vivid, and lifelike color images through powerful hardware and software. It always delivers a quality image, regardless of light or dark with high resolution, sharpness and brightness.

## All your content in one place

In addition to CAN, Ethernet, UART and USB protocol supports, it offers an integrated structure with customizable analog and digital input / outputs.

## Design adapting to the usage area

Monitors in AYN Display Family add a distinguished design aesthetic to your platform and improve your viewing experience with its minimal frame and modern design.

**HELICOPTERS**

# H175 _

# Mission ready.

In-service since 2015, the H175 is operated in Latin America, Europe, Asia and Oceania, addressing several missions:

Offshore crew change.

Public services.

Search and rescue.

Private and business aviation.

The H175 takes you to the next level in comfort, efficiency and cost effectiveness.

Beyond expectations:

Long range.

Endurance.

High speed.

Powerful.

# The workforce airliner for offshore transportation.

Built to the highest safety standards.

Passengers can enjoy the space provided by the large cabin and benefit visibility provided by extra-large windows.

Feel the difference while travelling with the lowest vibration and the lowest internal sound levels in its class.

Pilots will enjoy the superior level of automation such as the Airbus Rig'N Fly automatic rig approach function.

The H175 offers best-in-class cabin volume and comptetitiveness at the lowest MTOW while delivering payload and range without compromise.

Beyond expectations:

Long range.

Endurance.

High speed.

Powerful.

# The multi-purpose answer for public services.

The public services version offers more than 20 certified cabin layouts with easy role change capabilities for missions including:

Law enforcement.

Border patrol.

Search and rescue (SAR).

Emergency medical services (EMS).

Firefighting.

VIP transportation.

Utility.

# First responder for SAR.

## Pilots

Start-up in less than 5 minutes for night and day rescue missions.

Be on the scene faster at 150kts.

Rescue beyond 250 nautical miles.

Complete the most demanding missions safely with great power margins and the most advanced autopilot.

## Cabin crew

Absolute precision and stability while hoisting with pilot or cabin crew control.

Designed for SAR with large cabin doors, wide step, full flat floor and accessible survivor support facilities.

Tailored for any rescue mission with a comprehensive set of SAR sensors and equipment.

# Luxurious Cabin and Smooth flight.

## A new standard in Business Aviation

ACH175 is Airbus Corporate Helicopters' most luxurious, spacious and exclusive offering, providing a jet-like experience and outstanding comfort in a business helicopter.

Designed in collaboration with major helicopter operators, the ACH175 is the definitive modern aircraft suited to the most demanding environments.

ACH - Airbus Corporate Helicopters is the Airbus Helicopters offer dedicated to its private and corporate customers offering end to end service-based ownership experience.

ACH provides an exclusive platform from which customers benefit from best in class Corporate and VIP transport solutions, tailored completion and service. ACH ensures that only the highest quality materials and the finest craftsmanship are offered to customers.

ACH range features the ACH prefix: ACH125, ACH130, ACH135, ACH145, ACH160 and ACH175.

# Helionix®
# the pilot's
# first choice.

## Commonality

Operators and pilots can take full advantage of the Airbus common avionics suite, making helicopter operations safer, training and maintenance easier while reducing the costs associated with pilot training time.

## Safety & Mission efficiency

Focusing on the highest safety standards, Helionix intuitive Human Machine Interface (HMI) raises mission efficiency and situational awareness to the next level.

## Connectivity

Simplify mission preparation and maintenance by connecting aircraft to ground services.

## H175

The H175 provides fully redundant avionics, Rig'N Fly automatic rig approach and SAR upper modes to enable success in the most demanding environments.

**2+**
Pilots

**Up to 18**
Passengers

---

**7.8** tons
MTOW

**2.7** tons
External load

**4.7** tons
Empty Weight

---

**600** NM*
Range

**> 5** h*
Endurance

**150** kts
Cruise speed

---

**3** min **10** s
Record time-to-climb to 9,800ft

**9,700** ft
HOGE @7.5t ISA + 20

**\*with standard fuel tank (2 tons).**

# Optimal maintainability by design.

The H175 benefits from Airbus' comprehensive experience and use of the latest methodology. Optimized scheduled maintenance program defined i.a.w. Maintenance Steering Group (MSG-3 3rd issue).

Continuous update through cooperation with operators to include in-service feedback.

Compatibility with a customer's progressive maintenance plan.

Maintainability designed to reduce helicopter downtime.

Easy accessibility.

Equipment monitoring and failure reporting through Helionix®

# HCare

HCare by Airbus Helicopters, a complete service offer: whatever your need, where ever you operate, there is a customized solution for you, extending your missions and operations, enhancing Safety, Availability, Reactivity and Cost optimization.

A comprehensive range of solutions: Material Management, Technical Support, Helicopter Maintenance and Upgrades, Training and Flight Ops, Connected service.

# Important to you, essential to us.
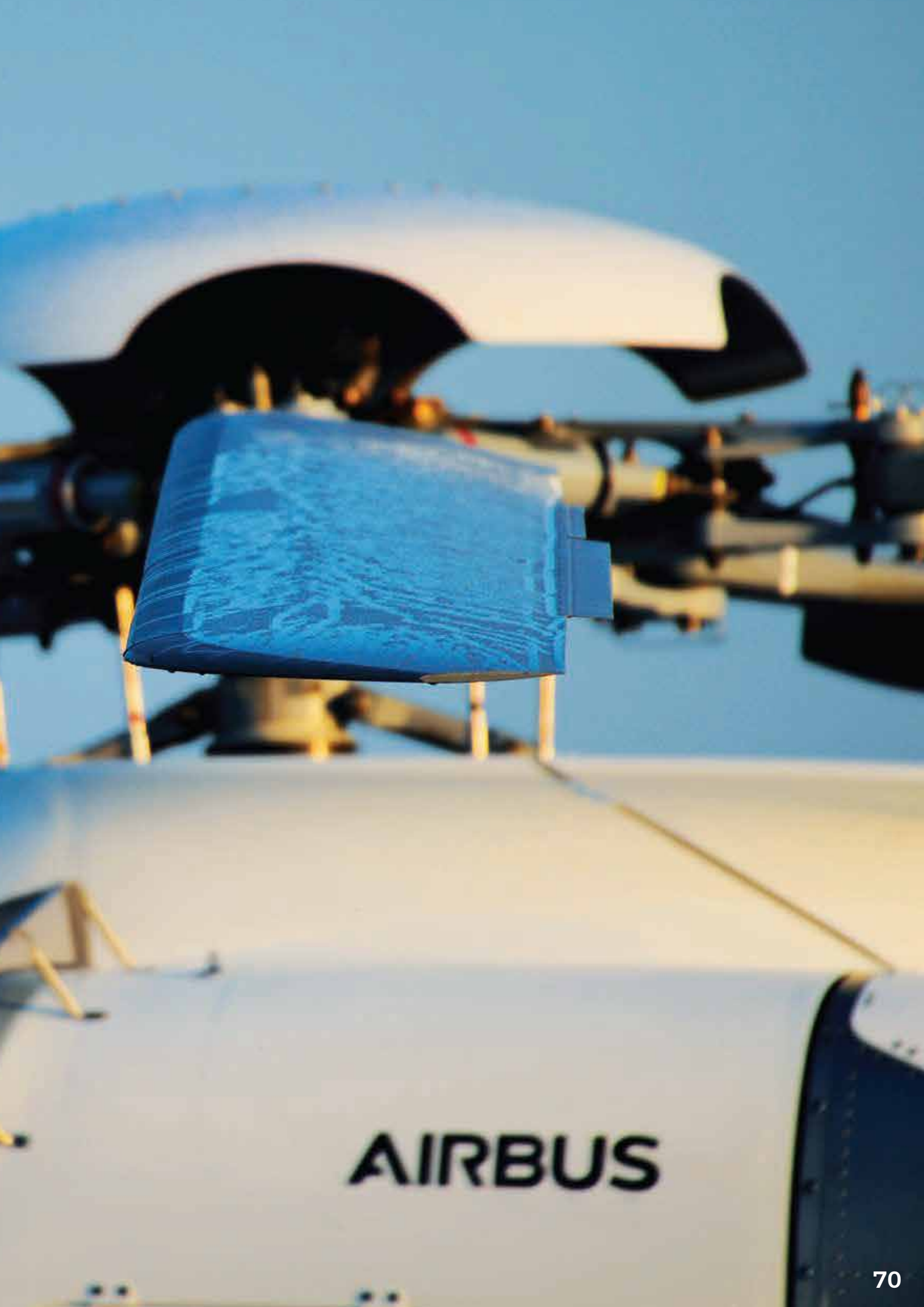
AIRBUS

## RUGGEDIZED MILITARY RADIO
EX7029

---

*Frequency Range:* 30-512 MHz (V/UHF)
*Encrypted, Frequency Hopping and Networking*

## TWO-WAY RADIO
EX7030

---

*8 Channels*
*On/off/volume control knob*
*16-position channel/code selector knob*

## BALLISTIC GOGGLES
EX7031

## TACTICAL EYE PROTECTION
EX7032

## TACTICAL HOLSTER
### EX7033

*Material:* Polymer
*Features:* Fixed position or 360 Degree Rotatable
*Attachment:* Drop Leg platform
*Color:* Black

## TACTICAL FLASHLIGHT
### EX7034

*Material:* Aluminum Alloy
*Light Source:* LED
*Lumens:* 1000 (other outputs are available upon request)
*Function:* High-Medium-Low-Strobe-SOS
*Weight:* 150g Approx.

## TACTICAL SLING
### EX7035

*Fabric type:* 1000D high density nylon
*Features:* Durable metal buckle
*Weight:* 250 g Approx.
*Colors:* Green, Black, Tan

## DUAL BEAM TACTICAL LASER
### EX7036

*Laser Options:* Green+ IR, Red+ IR, Green+ Red
*Laser Features:* FDA Class 3

## 2-MAN MILITARY TENT
### EX7037

**Fabric Type:** *70D nylon ripstop w/ 12,000mm coating (stronger, higher hydrostatic)*
**Dimensions:** *30 cm x 226 cm*
**Weight:** *3.2KG*
**Color:** *Multicam green, Coyote Brown*

## 4-MAN MILITARY TENT
### EX7038

**Fabric Type :** *Polyester waterproof*
**Dimensions:** *3m(L)x2m(W)x1.6m(TOP Height) x0.4m(SIDE height)*
**Weight:** *4.5KG*
**Color:** *Multicam green, Olive Green*

## 10-MAN MILITARY TENT
### EX7039

**Fabric Type:** *Polyester waterproof*
**Features:** *Lightweight frame construction,waterproof, 4x windows with mosquito netting and PVC FLAP(2x side)*
**Dimensions:** *5.9m(L)x10m(W)x2.9m(TOP Height)x1.9m(SIDE height)*
**Weight:** *25KG*
**Color:** *Multicam green, Green*

## 20-MAN MILITARY TENT
### EX7040

**Fabric Type :** *Polyester waterproof*
**Features:** *Lightweight frame construction, waterproof, 12x windows with mosquito netting & PVC FLAP(2x side)*
**Dimensions:** *8.8m(L)x4.6m(W)x2.77m (TOP Height)x1.6m(SIDE height)*
**Weight:** *145KG*
**Color:** *Multicam green, Green*

## MOSQUITO NET
### EX7041

**Fabric Type:** *Polyester*
**Features:** *Breathable, Anti-Mosquito, Ultra-Light (UL), Lightweight, Portable*

## SLEEPING BAG
### EX7042

**Outshell:** *100% polyester oxford*
**Padding:** *100% polyester padding*
**Features:** *Water resistant rip-stop nylon, non-flammable, waterproof, anatomically designed foot box*

## MILITARY BED
### EX7043

**Frame material:** *Aluminum*
**Fabric Type:** *100% Oxford Nylon, Polyvinyl Chloride Coated*
**Features:** *Smooth surface, Dirt and water repellent*
**Maximum load capacity:** *120Kg*

## MILITARY BLANKET
### EX7044

**Fabric Type:** *100% Wool*
**Color:** *Different colors are available*

## TACTICAL BACKPACK (ALL COLOR AND SIZE ARE AVAILABLE)
### EX7045

*Fabric Type:* 100% Polyester, PVC coated
*Capacity:* 40L (other capacities are available upon request)
*Feature:* Waterproof, Various MOLLE attachment points

## MILITARY CUTLERY
### EX7046

*Fabric Type:* Stainless Steel
*Feature:* Pocket ,lightweight pouch with has a snap-belt attachment

## HYDRATION BAG
### EX7047

*Material:* 100% Polyester
*Capacity:* 2.5 liters (other capacities are available upon request)
*Features :* Fully MOLLE compatible straps on the back with press studs, Easy to fill and clean

## CANTEEN
### EX7048

*Capacity:* 1L
*Color:* Green OD

## SHOVEL
### EX7049

*Length:* 105cm
*Head weight:* 1.2Kg
*Material:* Carbon Steel

## TACTICAL KNIFE
### EX7050

*Stainless Steel Blade
Insulated Polymer Handle
Wire Cutter, Quick Release Belt Clip*

## MILITARY COMPASS
### EX7051

*Luminous swinging dial
Adjustable marching line
Magnifying viewer
Solid metal case, Integrated measuring rule*

## WATERPROOF PONCHO
### EX7052

*One size fit all*
*Fabric:* 100% waterproof Polyester
*Features:* Rip resistant Polyester material

## BALLISTIC SHIELDS
### EX7053

*Standard dimensions shield:* 1200×600mm
*Standard dimensions window:* 200×100
*Features:* Ballistic window with the same ballistic protection Aluminum ambidextrous handle



## UNMANNED BALLISTIC SHIELDS
### EX7054

*It keeps SWAT teams and other first responders safe while approaching buildings during potentially dangerous standoffs or confronting armed suspects. It also can shield police and the public from explosive devices*



## BALLISTIC PLATES NIJ (3A/3/4)
### EX7055

*Color:* Black
*Size:* 25*30cm
*Shape:* E-type, T-type, Shooter's cut



## BALLISTIC SHIELDS
### EX7056

*Standard dimensions shield:* 1000×500mm
*Standard dimensions window:* 300×100
*Features:* Ballistic window
Aluminium ambidextrous handle

## PASGAT HELMET
### EX7057

*Material:* PE or Aramid
*Size:* All sizes
*Weight:* 1.3kg approx.



## MICH HELMET
### EX7058

*Material:* PE or Aramid
*Size:* All size
*Weight:* 1.2-1.5Kg



## FAST HELMET
### EX7059

*Material:* PE or Aramid
*Weight:* 1.2-1.5Kg
*Size:* All size
*Colour:* Black, Green Olive, Tan Desert



## RESCUE HELMET
### EX7060

*Material:* ABS shell(4-5mm) non-ballistic,
EPS + EPP Padding
*Colour:* Black, Green Olive, Tan Desert

## 9MM PISTOLS
### EX7061

*The 9mm is a weapon that provides a good balance between ease of firing and stopping power.*
*It is a lightweight pistol that has moderate recoil with less chance of over penetration*
***Size:*** *17-standard,19-Compact, 26-Subcompact*

## M4 PLATFORM
### EX7062

The M4 platform Carbine is a lightweight, gas operated, air cooled, magazine fed, selective rate, shoulder fired weapon with a collapsible stock.
**Caliber:** 5.56x45mm
**Max range:** 600m

## 7.62 NATO INFANTRY RIFLE
### EX7063

The rifle is a gas operated, selective fire weapon, chambered for a standard NATO 7.62×51mm ammunition.
**Caliber:** 7.62x51mm
**Weight:** 4.2kg approx.
**Magazine capacity:** 20 rounds

## MP5-A3 SUBMACHINE GUN
### EX7064

MP5A3 is a version of the MP5 with a Retractable buttstock and is one of most widely used submachine guns in the world.
**Caliber:** 9x19mm
**Weight:** 3.1kg approx.
**Length:** 550mm

## 12G SHOT GUN
### EX7065

**Caliber:** 12 GA
**Action:** Pump Action
**Capacity:** 5+1 / 7+1

## AK-47 WOODEN STOCK
### EX7066

**Cartridge:** 7.62×39mm ball cartridge, API, APIT
**Muzzle velocity:** 710m/s
**Effective range:** 400m (single shot)
             300m (automatic fire)
**Stock:** Wooden stock

## AK-47 FOLDING STOCK
### EX7067

**Cartridge:** 7.62×39mm ball cartridge, API,APIT
**Muzzle velocity:** 710m/s
**Effective range:** 400m (single shot)
             300m (automatic fire)
**Stock:** Double metal folding stock

## AK-47 FOLDABLE STOCK
### EX7068

**Cartridge:** 7.62×39mm ball cartridge, API,APIT
**Muzzle velocity:** 710m/s
**Effective range:** 400m (single shot)
             300m (automatic fire)
**Stock:** Single metal folding stock

## AK-103 IMPROVE VERSION
### EX7069

**Cartridge:** 7.62×39mm ball cartridge, API,APIT
**Muzzle velocity:** 715m/s
**Effective range:** 500m (single shot)
             400m (automatic fire)
**Features:** Made of synthetic polymer material

## SNIPER RIFLE 0.338
EX7072

*Calibre:* 338 Lapua Magnum
*Range:* 1600 meters approx.
*Action:* Bolt-action
*Capacity:* 5 round magazines

## SNIPER RIFLE 0.308
EX7071

*Calibre :* 7.62x51 mm NATO (0.308 Winchester)
*Range:* 800 m
*Action:* Bolt-action
*Capacity:* 5-round detachable box magazine

## SNIPER RIFLE – ANTI MATERIAL 0.5
EX7074

*Caliber:* 12.7x99 mm (.50 BMG)
*Range:* 1800 m approx.
*Action:* Manually operated, bolt action rifle
*Capacity:* 5 round magazines

## SNIPER RIFLE 0.5
EX7073

*Caliber:* 12.7x99 mm (.50 BMG)
*Range:* 1800 m approx.
*Action:* Recoil-operated, rotating bolt
*Capacity:* 5 or 10 round magazines

## 7.62MM LIGHT MACHINE GUN M84
EX7075

*Calibre:* 7.62×54mmR
*Range:* 1000 m
*Weight:* 8.8kg approx
*Rate of fire:* 700-800 rounds/min

## 7.62MM PKM
EX7076

*Calibre:* 7.62×54mmR
*Range:* 1000 m
*Weight:* 9kg approx.
*Rate of fire:* 650 rounds/min

## 7.62X51MM GPMG
EX7077

*Calibre:* 7.62×51mmR
*Range:* 800 m
*Weight:* 11.8kg approx.
*Rate of fire:* 650-1000 rounds/min

## 7.62MM PKT
EX7078

*Calibre:* 7.62×54mmR
*Range:* 2000 m
*Weight:* 10.5kg approx.
*Rate of fire:* 750 rounds/min

## 12.7MM M87 NAVAL MACHINE GUN
EX7079

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*Calibre:* 12.7x108mm
*Range:* 2000 m (Ground target),
1500m (Air target)
*Weight:* 24.8kg approx.
*Rate of fire:* 700 rounds/min

## 12.7MM M02 COYOTE
EX7080

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*Calibre:* 12.7x108mm
*Range:* 2000 m (Ground target),
1500m (Air target)
*Weight:* 48.8kg approx.
*Rate of fire:* 750 rounds/min

## 12.77MM DSHK MACHINE GUN
EX7081

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*Calibre :* 12.7x108mm
*Range:* 2500 m
*Weight:* 157kg approx
*Rate of fire:* 600 rounds/min

## ANTI AIRCRAFT 14.5MM
EX7082

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*Calibre:* 14.5x114mm
*Ranges:* 1.5 km
*Weight:* 52.5 kg
*Rate of fire:* 550- 600 rounds/min

## ANTI AIRCRAFT 23MM
EX7083

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*Calibre:* 23x152B
*Ranges:* 12.5 km
*Weight:* 950kg
*Rate of fire:* 2000 rounds/min

## 30MM AGL
### EX7084

The 30MM AGL is 30mm Automatic Grenade Launcher, intended to engage enemy troops in open terrain or in trenches at distances up 1.700m. The Launcher is designed for use with 30x29mm HE, Smoke, Practice Grenades.
The Automatic Launcher (AGL) may be mounted on a tripod or on Infantry Fighting Vehicles and patrol boats.

## 40X46MM HE GRENADE LAUNCHER
### EX7086

The 40x46MM grenade launcher is a low-velocity, shoulder-fired 40 mm grenade launcher with a six-round spring-driven revolver-style. The magazine can accept most 40×46mm grenades. The spring-driven cylinder rotates automatically while firing, but it must be wound back up after every reloading

## SPG-9
### EX7088

The SPG-9 is a manually breech loaded smoothbore recoilless rocket-propelled launcher. The SPG-9 uses rocket-assisted and fin-stabilized 73mm caliber smoothbore projectiles. The SPG-9 can use optical and night sights. A skilled crew can fire 5-6 projectiles from an SPG-9 in 1 minute and crews are usually 2 to 4 people. Penetration depends on the projectile used. Armor penetration is 300mm RHA with standard HEAT-FS projectiles and 400mm RHA with improved projectiles.

## 40x53MM AGL
### EX7085

The 40x53MM AGL is an automatic grenade launcher with 40 mm bore shoots for the distance of over 2200 meters. It is intended for firing in enemy's infantry, light-armored vehicles and protected shelters. Its weight is a 17 kg without grenades.

## RPG-9
### EX7087

The RPG-7 is a portable, reusable, unguided, shoulder-launched, anti-tank rocket-propelled launcher. It combines recoilless launch with a rocket sustainer to deliver a 2-kg warhead to targets beyond 500 meters.

## 107MM RECOILLESS RIFLE
### EX7089

**Calibre:** 107mm
**Rate of fire:** 6 rounds/minutes
**Crew:** 5 people
**Ammunition:** Heat(range 450m), FRAG-HE( range 1300m)

## 60MM MORTAR COMMANDO
EX7090

*Calibre:* 60mm
*Range:* 1600m-MAX, 50m-MIN
*Rate of fire:* 30 rounds/minutes
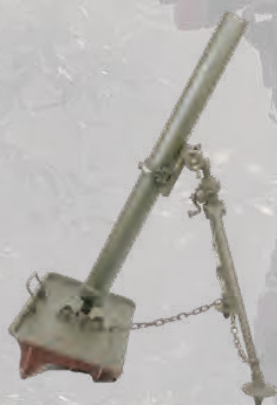*Portable by one soldier*

## 60MM MORTAR TUBE
EX7091

*Calibre:* 60mm
*Range:* 3500m
*Rates of fire:* 30 rounds/minute
*Crew:* 3 people

## 81MM MORTAR TUBE
EX7092

*Calibre:* 81mm
*Range:* 5900m
*Rates of fire:* 8-16 rounds/minute
*Crew:* 5 people

## 120MM MORTAR TUBE
EX7093

*Calibre:* 120mm
*Range:* 7200m
*Rates of fire:* 4 rounds/minute
*Crew:* 5 people

### 5.56MM
EX7094

*SS109 – 62gr / M193 – 55 gr / M855 – 62gr / Tracer – 63.3 / Blank / Match – 69gr or 75 gr*

### 9MM
EX7095

*9x18mm Makarov / BALL 9x19 115gr or 124gr / Subsonic 147gr / Blank*

### 0.338 LAPUA
EX7098

*BALL 250gr / HP BT 250gr*

### 7.62X51MM
EX7096

*NATO M80 145gr / TRACER 145gr / Subsonic 200gr / Blank / Sniper 175 gr / 308 Win 155gr or 190gr*

### 7.62X39MM
EX7097

*BALL 123gr for AK47 / Blank / Subsonic 182gr*

### 7.62X54R
EX7099

*Case type Rimmed, bottleneck*
*Bullet diameter: 7.92 mm*
*Land diameter: 7.62 mm*
*Neck diameter: 8.53 mm*
*Shoulder diameter: 11.61 mm*

### 7.62X54MM
EX7100

*Sniper 182gr / Match 190gr*

### 12.7MM (API/T)
EX7101

*12.7x99 NATO Sniper 725gr /*
*12.7x99 NATO BALL 699gr for MG / Blank*
*12.7x108 Sniper 792gr / 12.7x108 BALL 792gr for DSHK*

### ⊕ 5.56MM LINKED AMMUNITION
EX7102

*5.56x45mm*

### ⊕ 7.62MM LINKED AMMUNITION (NATO/SOUVIET)
EX7101

*7.65X54R or 7.62X54mm or 7.62x51mm*

### ⊕ 12.7MM LINKED (NATO/SOUVIET)
EX7104

*12.7x99mm or 12.7x108mm*

## ⊕ MORTAR SHELLS

**Caliber:** *60mm - 81-82mm 120mm - 122mm\**

**Available options:** *Smoke, illumination, HE, Practice*

**\*All calibers are available.**

## 40X46MM GRENADE HE
EX7109

*Caliber:* 40x46mm LV
*Available options:* Tear Gas Cartridge, Smoke, illumination, HE, Practice



## 40X53MM GRENADE HE
EX7110

*Caliber:* 40x563mm HV
*Available options:* Smoke, illumination, HE, Practice



## HAND GRENADE (M84/M75/M67)
EX7105

*Mass:* 335g
*Length:* 89mm
*Diameter:* 57mm
*Filling Plastic explosive*



## ALL TYPE OF GRENADE ARE AVAILABLE

## PG-7VM ROUND
### EX7111

*Caliber:* 40mm
*Range:* 500m
*Weight:* 28 kg
*Target:* Tanks, self-propelled guns, other armored vehicles

## OG-7VM ROUND
### EX7112

*Caliber:* 40mm
*Range:* 950m
*Weight:* 50kg
*Target:* Anti-personnal

## PG-9V RONDE
### EX7113

*Caliber:* 73mm
*Range:* 800m
*Weight:* 59kg
*Target:* Tanks, Self-propelled guns, Other armored vehicles

## OG-9VM ROUND
### EX7114

*Caliber:* 73mm
*Range:* 4500m
*Weight:* 60kg
*Target:* Anti-personnal

## OG-15VM ROUND
### EX7115

*Caliber:* 73mm
*Range:* 4500m
*Weight:* 52kg
*Target:* Anti-personnal

## PG-15VN ROUND
### EX7116

*Caliber:* 73mm
*Range:* 800m
*Weight:* 51kg
*Target:* Tanks, self-propelled guns, other armored vehicles

## S5 ROCKET
### EX7117

*This rocket is produced in a variety of subtypes with different warheads, including HEAT anti-armour (S-5K), high-explosive fragmentation (S-5M/MO), smoke, and incendiary rounds. Each rocket is about 1.4 meters long and weighs about 5 kg. Range is 3 to 4 kilometers.*

## S8 ROCKET
### EX7118

*This rocket is produced in a variety of subtypes with different warheads, including HEAT anti-armor, high-explosive fragmentation, smoke, and incendiary, as well as the specialized S-8BM runway-destroying munition and the S-8DM fuel-air explosive variants.*

## 122MM GRAD ROCKET
### EX7119

*Caliber: 122mm*
*Range: 20km*
*Weight: 65 kg*
*Target: Anti-personnal, making passages in minefields and defence wiring, hostile artillery ,destruction of armoured material*

## RELFEX SIGHT
## EX7120

**Magnification:** *x1*
*Unlimited Eye Relief*

## 4X SIGHT
## EX7121

**Magnification:** *x4*
**Field of view:** *8°*
**Features:** *MIL-STD-810G*

## THERMAL CLIP-ON
## EX7122

**Magnification:** *x2.5*
**Resolution:** *640x480*
**Field of view:** *12°*
**Frame rate:** *30 Hz/60Hz*

## SNIPER SIGHTS
## EX7123

**Magnification:** *x4 up to x24*
**Field of view:** *36°*
**Features:** *MIL-STD-810G*

## THERMAL VISION SIGHT
## EX7124

**Spectral Response:** *7 − 14μm*
**Frame Rate:** *60Hz*
**Resolution:** *640×480, 17μm*
**Features:** *Waterproof, MIL STD 810*

## NIGHT VISION SIGHT
## EX7125

**Gen:** *3*
**Magnification:** *x4*
**Field of view:** *10°*
**Features:** *MIL-STD-810G*

## PVS 14
## EX7126

**Generation:** 3
**Field of view:** 40
**Magnification:** x1
**Features:** MIL-STD-810G

## PVS 7
## EX7127

**Generation:** 3
**Field of view:** 40
**Magnification:** x1
**Features:** MIL-STD-810G

## THERMAL BINOCULARS
## EX7128

**Long Range Detection:**
Human - 2,800m (930m recognition)
Vehicle - 6,700m (2,200m recognition)
**Magnification:** x4
**Features:** Digital Compass, GPS

## AVIATION NVG
## EX7129

**Generation:** 3
**Field of view:** 40
**Magnification:** x3
**Features:** MIL-STD-810G

## SPOTTING SCOPE
## EX7130

**Reticle:** *P-4*
**Magnification:** *Max x40, Min x12*
**Features:** *Waterproof*
**Objective Diameter:** *60mm*

## LASER RANGE FINDER
## EX7131

**Magnification:** *x6.5*
**Measuring distance range:** *6000m*
**Specified measuring distance range:** *3500m*

# SNIPER DETECTION SYSTEM
# EX7132

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*Detects lenses and reflectors in its line of site even if these objects are covered behind bushes, windowsor windshields. Detector can be handheld or mounted on a tripod. An operator examines the area in the same way as it would be done with a common binocular. When an optical reflector of any kind is detected, its position is marked with a red dot visible through the viewfinder.*
**Measuring range:**
*Minimum: 70m*
*Maximum: up to 2000m*

# SNIPER MANEGMENT SYSTEM
# EX7133

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*The SNIPER MANAGEMENT SYSTEM is a real time integrated system video, audio and data communications which allows the Commanding officer in charge of the operation to be placed in a remote location and decide to permit or forbid the agents to act by watching on a screen that shows exactly what every sniper's scoop is aiming at.*

## EOD SUIT
## EX7134

**Light Weight:** Full ensemble <29kg with EOD helmet and blast plate
Good Mobility
Removable blast plate providing World leading blast protection, over pressure reduction and resistance to fragmentation and reducing pre-operation fatigue
EOD helmet with integrated de-mist and light

## DISROPTOR
## EX7135

Manual multi-shot device capable of thousands of firings without impacting performance
Light, robust and easy to operate
Recoilless operation maximises operator safety and prevents collateral damage
Can be operated with a small Remotely Operated Vehicle

## MANPACK JAMMER
## EX7136

Blocks all Cellular and Wi-Fi communication
Wide frequency coverage (300-6000) MHz
Various modulation types jamming capability
Easy, intuitive operation
**Antennas:** 4 outlets with 4 Omni-directional whip antennas

## MINE DETECTOR
## EX7137

Dual frequency continuous wave technology for constantly high  sensitivity to all metals
Detection along large metal structures like railway tracks, fences and cars
All control and display elements integrated into the handle
Visual display with 14 LEDs that can be switched off in Military Mode

# PORTABLE X-RAY
## EX7138

_The system is a portable digital X-ray system with a range of different sized image capture units (ICUs). It is used by a variety of users which include police, military, customs and public safety agencies as well as prison and building managers to search and examine items safely in situ._

# HANDHELD EXPLOSIVE DETECTOR
## EX7139

_Handheld explosives trace detectors (ETDs) can be used to complement bomb-sniffing canines, which are still the gold standard in trace explosives detection. These detectors can be used to find trace explosives on individuals, hopefully preventing a dangerous incident._

## ARMORED VIP VEHICLE PROTECTION LEVEL B6/B7
### EX7178

*The armoured VIP vehicle is a civilian vehicle with a reinforced structure that is designed to protect its occupants from assaults, bullets, and blasts. Manufactured with bulletproof glass and layers of armor plating offering a protection of level B6/B7 often with a variety of other defensive mechanisms and features to aid the individuals inside.*



## ARMORED SUV PROTECTION LEVEL B6/B7
### EX7179

*The vehicle incorporates perimeter armoring of the passenger compartment in order to provide protection against 7.62mm, 308 Winchester FMJ ammunition, in accordance with NIJ Standard 0108.01 Level 3 and/or CEN 1063 Level BR6.*



## FORENSIC EVIDANCE COLLECTION VEHICLE
### EX7180

*The Vehicle has all the necessary equipment needed for forensic experts to collect evidence from crime scenes to help investigators in the prosecution of high-profile terrorism and criminal cases in the province. It has the necessary equipment for preservation, collection and packaging of material evidence from a crime scene.*



## FIREFIGHTING VEHICLE
### EX7181

## AIRPORT FIRE FIGHTING VEHICLE
## EX7182



## THUNDER OBSERVATION VEHICLE
## EX7183

*Based on a commercial vehicle platform (TOYOTA)*
*Rugged design for Off-Road use*
*Robust mast and stabilizer system*
*Agronomical design for long operation periods*
*Day & night observation capabilities*



## EOD SPV
## EX7184

*The vehicle allows to carry a robot with all the equipment necessary to counteract risks associated with explosives. Tailor made design according to the specific robot that is in use and in according to the client's mode of operation.*

## K9 TOYOTA VEHICLE
## EX7185

*Based on a Toyota Landcruiser, this vehicle offers 6 compartments that allows to transport special load requires with its special superstructure.*



## VEHICLE JAMMER
## EX7186

*While utilizing the latest advanced ECM technologies, our solutions cover a full frequency spectrum and provide an unparalleled level of protection to all types of convoys, including VIP transportation, military and law enforcement vehicles, medical units, border patrol, etc.*



## EXITO SPV
## EX7187

**Type:** *Multi-Purpose Armored Personnel Carrier*
**Engine:** *6.7 Liter V8, Turbo Diesel (High Sulphur Specs)*
**Seating capacity:** *2 (driver, co-driver) + 8 (passengers at rear)*
**Dimension:** *Length-5600mm, Width-2340 mm, Height - 2300 mm*



## EXITO TAC ARMORED VEHICLE
## EX7188

**Type:** *Multi-Purpose Armored Personnel Carrier*
**Engine:** *4.5 L, V8, V-type, Diesel*
**Seating capacity:** *2 (driver, co-driver) + 6 (passengers at rear)*
**Dimensions:** *length - 5200mm, width - 1920mm, height – 2140mm*

## EXITO TORE ARMORED VEHICLE
## EX7189

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**Type:** *Multi-Purpose Armored Personnel Carrier and Remote-controlled gun*
**Engine:** *6.7 Liter V8, Turbo Diesel (High Sulphur Specs)*
**Seating capacity:** *2 (driver, co-driver) + 8 (passengers at rear)*
**Dimension:** *Length-5600mm, Width-2340 mm, Height - 2750 mm (with turret)*



## EOD VEHICLE
## EX7190

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*Provides a fast and convenient way of rapidly deploying an IED team, complete with all necessary equipment for all types of IED's. The vehicle may be equipped with a robot, conventional bomb disposal equipment, disruptor's, bomb suits, x-ray inspection equipment, searching devices, hazardous material response equipment, demolition tools, mine detectors, bomb locators, various cartridges and other specialized IED tools, customised to the clients' requirements.*



## T-55 MAIN BATTLE TANK
## EX7191

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*The T-55 medium tank has a fully tracked, five-road wheeled chassis with a space between the first and second road wheels and no return rollers. It has a low-silhouetted hull with a dome-shaped turret mounted over the third road wheel.*



## T-72 TANK
## EX7192

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*The T-72 weights 44.5 tonnes. It is 9.53 m (including main gun length) long, 3.59 m wide, and 2.23 m  tall. The T-72 is operated by three crew members. The T-72 a powerful 125 mm 2A46 series main gun, larger than that of Western main battle tanks. The T-72 can go up to a speed of 80 km/h.*
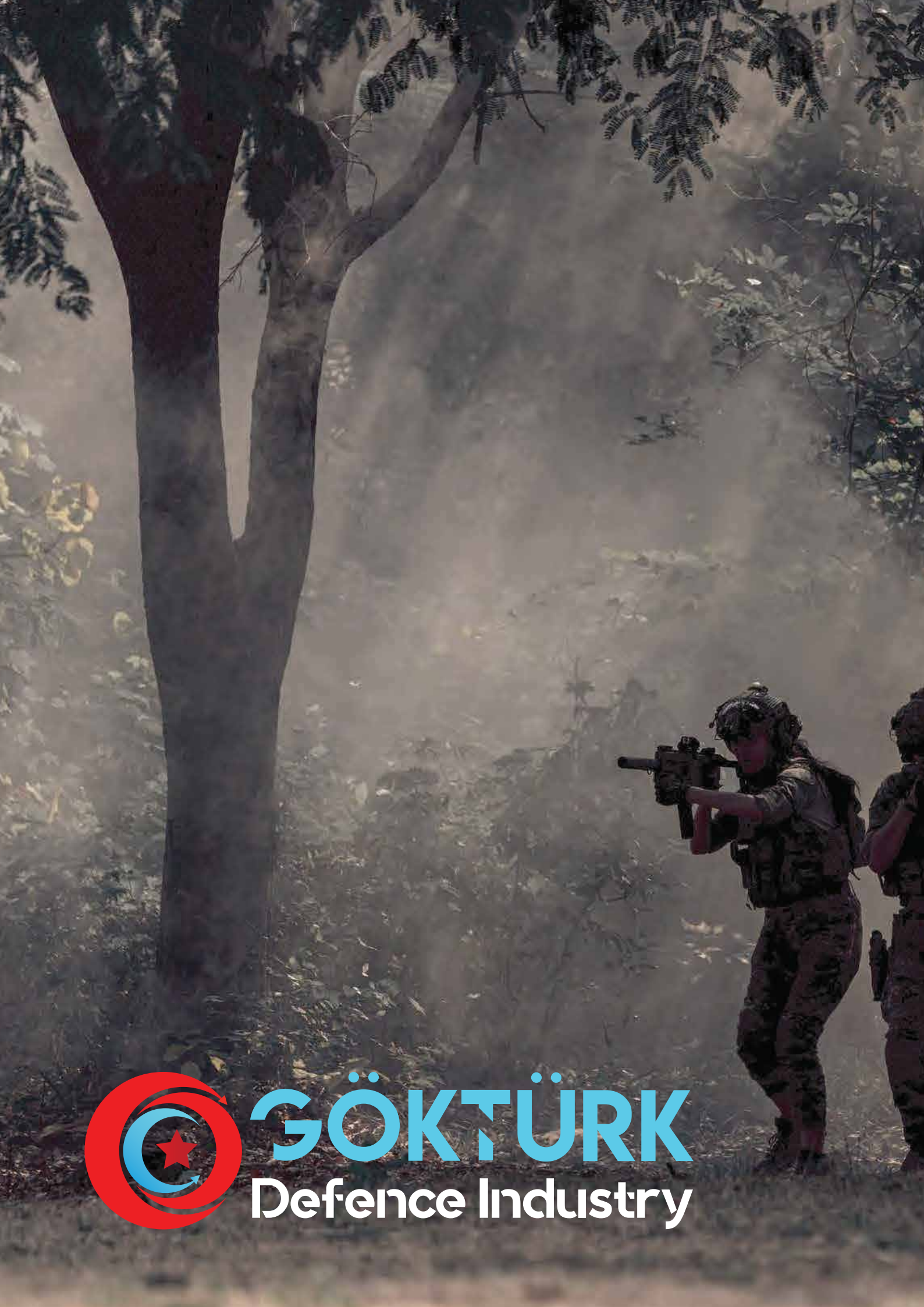
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