



BeMotion
Solutions

**ENHANCING INNOVATIVE
DEFENSE SOLUTIONS**



BEMOTION SOLUTIONS



As a formidable force in security and logistics, BeMotion Solutions (BMS) leads in delivering cutting-edge military and defense solutions. We specialize in advanced security technologies, AI-driven defense systems, surveillance drones, and state-of-the-art military equipment.



Our expertise encompasses comprehensive military logistics, aerospace solutions, tactical training programs, enhanced border security strategies, and robust Cybersecurity measures. We excel in integrating diverse security frameworks to meet our clients' objectives and ensure mission success.



Our mission is to provide reliable, high-performance solutions, set the industry standard, and bolster global security. With an unwavering commitment to safety and innovation, we strive for excellence in every operation.



OUR MISSION

Dedicated to Elevating Standards for Military and Security Personnel with Advanced Equipment and Solutions.

- **Tactical Logistics and Armaments:** We supply military units with essential tactical products, ammunition, advanced military vehicles, aerospace technologies, and comprehensive defense solutions. Our services encompass turnkey camp setups, rapid deployment support, and critical infrastructure development to ensure mission success.
- **Enhancing Training Programs:** At BMS, we are deeply committed to the development of personnel with professional military skills that meet global standards. Our training programs are designed to achieve the highest levels of readiness, demonstrating our dedication to our personnel and their role in addressing modern threats and operational challenges.
- **Homeland Security:** Recognizing the need for specialized counter-terrorism training beyond traditional military frameworks. We supply advanced communication technologies to homeland security agencies, offering a robust approach to national safety.
- **Border Security and Surveillance:** BMS pioneers the use of cutting-edge drone technology for border monitoring, showcasing the innovative integration of defense and technology. Our program enhances surveillance capabilities, ensuring a secure perimeter and improving national security, inspiring the potential of technology in defense.
- **LENX Empowering Operations with AI:** Leading the way in integrating AI-driven weapons detection and communication technologies. The LENX Platform is a revolutionary tool that significantly enhances operational efficiency, enabling operatives to swiftly identify and neutralize potential threats with unparalleled accuracy. Visit: www.lenx.io



ADVANCED THERMAL SCOPES

Advanced Military Thermal Scopes provides state-of-the-art thermal imaging technology for military and law enforcement, ensuring clarity, accuracy, and reliability in critical missions.

- **Thermal Rifle Scopes:** BMS's Thermal Rifle Scopes are engineered to give shooters a distinct advantage in low-light and adverse weather conditions. These scopes offer crisp, high-resolution thermal imagery, allowing for precise target acquisition and engagement even in complete darkness. Whether for snipers, shooters, or infantry, these thermal scopes are a game-changer on the battlefield.
- **Thermal Binoculars:** BMS Thermal Binoculars combine thermal imaging with binocular functionality, giving users a dual-eye view of their surroundings. These binoculars offer enhanced mobility and versatility, making them essential tools for reconnaissance, surveillance, and border control missions. They deliver exceptional long-range thermal detection capabilities.
- **Multi-functional All-in-one Thermal Binoculars:** The model packs a thermal imager, digital night vision, laser range finder, GPS, and many other useful functions in one device.
- **Binoculars Rangefinders:** BMS Binoculars with Rangefinders provide thermal imaging capabilities and precise distance measurement. This integrated rangefinder technology ensures accurate target identification and range estimation, which is critical for making informed decisions in the field. These binoculars are ideal for reconnaissance teams and snipers.
- **Night Visions Scopes:** BMS's Night Vision Scopes combines thermal and night vision technologies for unparalleled visibility during nighttime operations. These scopes excel in low-light environments, where traditional night vision goggles may fall short. They offer enhanced detection and identification capabilities, ensuring mission success in complete darkness.



COMMUNICATIONS TOOLS

We are dedicated to delivering integrated communication solutions with advanced networking capabilities, ensuring interoperable, resilient, and secure connectivity and data flow across all fields. Our BMS solutions utilize open systems architecture, tactical gateways, and enhanced military technologies to create converged hybrid networks. This empowers our customers with seamless access to critical information, keeping them ahead of the curve.

- Soldier Radios
- VHF Combat Net SDR Radios
- HF Combat Net SDR Radios
- Multi-band SDR Radios
- SYNAPS V/UHF SDR Radios
- Vehicle Comms Nodes
- UXV Data Link
- Spot Jamming
- Sweep Jamming
- Barrage Jamming
- DRFM Jamming



AMMUNITION



Missiles And Mortars:

- 120 mm Mortar Bombs
- 122 Grad HE 20KM
- 122 Grad HE 40KM
- 155 MM Howitzer HE M107
- 152 HE Shell Full Charge
- 81 mm Mortar Bombs
- 82 mm Mortar Bombs
- 62 mm Mortar Bombs

Anti-tank:

- Heavy Anti-tank
- Light Anti-tank

AIRCRAFT:

- Aircraft Automatic Machine Gun
- Air Defence Systems



WEAPONS



- Machine Guns
- Assault Rifles
- Sniper Rifles
- Light Machine Guns
- Sub-Machine Guns
- Grenade Launchers
- Recoilless Systems
- Hand Grenades



COUNTER-SNIPER DAY&NIGHT



The anti-sniper day & night digital binocular is designed to interfere with enemy snipers. It integrates a laser scanner, laser jammer, laser range finder, low-light camera together. It is a portable observation device that works day and night thanks to its high-performance low-light camera, which allows it to directly view the surroundings at night. A warning signal will appear when a sniper is identified, and it will then either manually or automatically fire a strong laser to jam. The laser will blind the enemy from attacking.

Features:

- Military Standard Design
- Max 4000m Scanning Range
- Max 1000m Effective Distance
- Max 0.5 mW/cm² Laser Jammer



ARMORED MILITARY TRUCKS AND VIP VEHICLES

BMS is dedicated to delivering state-of-the-art armored APCs tailored for elite military operations, civilian safety, and natural disaster response. Below is an inventory of our armored trucks and vehicles.

- APC (Armored Personnel Carrier)
- MRAP (Mine-Resistant Ambush Protected)
- HEMTT (Heavy Expanded Mobility Tactical Truck)
- ASV (Armored Security Vehicle)
- Recovery Vehicle
- Armored VIP Cars
- Support Carrier
- SWAT Trucks
- Presidential Armored B6-B7 Vehicles



WE OFFERS A COMPREHENSIVE RANGE OF SERVICES

- **Risk Assessment:** BMS conducts thorough evaluations to identify potential security threats and vulnerabilities that may pose risks to your business or organization.
- **Security Analysis:** Our expert team examines your existing security protocols, pinpointing potential weaknesses and recommending actionable enhancements.
- **Customized Security Strategy:** Leveraging insights from our risk and security assessments, BMS develops a tailored security blueprint that aligns with your specific requirements.
- **Crisis Response Planning:** BMS assists in creating an emergency response plan, ensuring your organization can effectively mitigate the impact of unforeseen security incidents.
- **Cybersecurity Consulting:** Take advantage of our specialized expertise in Cybersecurity consulting to safeguard your digital assets against Online threats.
- **Defense Training:** BMS offers dedicated training modules for military personnel, covering security awareness, tactical combat, crisis management, and more.
- **Equipment and Ammunition Supply:** BMS offers a wide range of lightweight and medium equipment and various ammunition solutions to meet diverse defense needs.
- **Drone Technology Solutions:** Specializing in advanced drone systems, BMS delivers surveillance and strategic operations deployment options that enhance operational capabilities.





TURNKEY BASE CAMP SOLUTIONS

We offer a full range of turnkey base camp solutions specifically designed for military and government infrastructure projects, covering a wide variety of needs.

- Military Shelter Systems.
- Mobile Field Clinics.
- Tactical Operations Centers.
- Maintenance Facilities.
- Anti-blast Units.
- Mobile Command Centers.
- Tents & Field Camps.
- Military Medical Shelters
- Field Hospitals
- Generators
- Military Shelters
- Security Camp.
- Emergency Champs.
- Command Centers.
- Multipurpose Housing.
- Washrooms.
- Laundry Rooms.
- Aviation Hangar Tent.
- Food Preparation.
- Multipurpose Storage.
- Fuel Depot.

MODEL: DOLKA 888LS



BMS DRONES INTRODUCTION:

The BMS 888LS is a sophisticated and versatile unmanned aerial vehicle (UAV) designed to meet the diverse needs of modern aerial operations. Known for its durability, advanced technology, and exceptional performance, the BMS 888L is an ideal solution for the government's military drone program. This UAV is equipped to handle various applications, including surveillance, reconnaissance, agricultural monitoring, environmental assessment, and infrastructure inspection. With its robust design and cutting-edge capabilities, the BMS 888LS promises to enhance operational efficiency and provide valuable insights through its high-quality data collection and analysis features.

General Specifications:

- **Model:** BMS 888LS
- **Type:** Fixed-wing drone
- **Weight:** 300 kg (661 lbs)
- **Wingspan:** 7.5 meters (24.6 ft)
- **Length:** 4.6 meters (15.1 ft)
- **Material:** Advanced composite materials for enhanced durability and lightweight performance

Flight Performance

- **Maximum Flight Time:** Up to 10 hours (depending on payload and conditions)
- **Range:** Up to 250 km (155 miles) with extended-range capabilities
- **Maximum Altitude:** 5,000 meters (16,404 ft) above sea level
- **Cruising Speed:** 120-150 km/h (75-93 mph)
- **Wind Resistance:** Up to 70 km/h (43 mph)

Imaging and Data Collection

- **Camera:** High-resolution EO/IR camera for day and night operations
- **Payload Capacity:** Up to 80 kg (176 lbs) for various sensors and equipment
- **Multi-spectral Imaging:** Optional multi-spectral camera for agricultural and environmental analysis
- **Gimbal:** Stabilized gimbal for clear and stable imaging

Navigation and Control

- **Autopilot System:** Advanced autopilot with GNSS (GPS/GLONASS/BeiDou) for precise navigation
- **Ground Control Station:** User-friendly interface with real-time data streaming and mission planning
- **Flight Modes:** Fully autonomous, semi-autonomous, and manual control options

Communication & Powertrain

- **Data Link:** Encrypted communication link for secure data transmission
- **Control Range:** Up to 200 km (124 miles) with line-of-sight
- **Engine:** Dual-engine configuration for enhanced reliability and performance
- **Fuel Capacity:** Large fuel tanks for extended endurance missions
- **Fuel Type:** Aviation-grade fuel for optimal efficiency

Safety and Compliance

- **Obstacle Detection:** Equipped with multi-directional obstacle detection sensors
- **Failsafe Mechanisms:** Automatic return-to-home (RTH), low fuel warning, and emergency landing features
- **Regulatory Compliance:** Meets international UAV safety and operational standards

Software and Data Management

- **Mission Planning Software:** Intuitive software for planning, monitoring, and analyzing missions
- **Data Processing:** Compatible with leading GIS and photogrammetry software for post-processing
- **Cloud Integration:** Secure cloud storage options for data management and sharing

Applications

- **Agriculture:** Precision agriculture, crop health monitoring, and field mapping
- **Environment:** Wildlife monitoring, environmental surveys, and habitat analysis
- **Infrastructure:** Inspection of power lines, pipelines, and construction sites
- **Security:** Surveillance, reconnaissance, search and rescue operations, and border patrol

MODEL: UAV CW-28



The BMS UAV CW- 28 represents a cutting-edge vertical take-off and landing (VTOL) unmanned aerial vehicle designed to deliver exceptional performance and versatility for various applications. This advanced UAV combines the benefits of fixed-wing and multi-rotor designs, offering the ability to perform long-endurance missions with precise vertical take-off and landing capabilities. The CW-100 is an ideal solution for Kazakhstan's evolving drone program, aiming to enhance operational efficiency in sectors such as agriculture, environmental monitoring, infrastructure inspection, and security operations. With its robust design and sophisticated technology, the CW-100 is a reliable and efficient choice for the Kazakhstan.

GENERAL SPECIFICATIONS

- **Model:** BMS UAV CW- 28
- **Type:** VTOL fixed-wing drone
- **Weight:** 14 kg (30.8 lbs)
- **Wingspan:** 2.3 meters (7.5 ft)
- **Material:** High-strength composite materials for durability and lightweight performance

Flight Performance

- **Maximum Flight Time:** Up to 8 hours (depending on payload and conditions)
- **Range:** Up to 200 km (124 miles) with extended-range capabilities
- **Maximum Altitude:** 6,000 meters (19,685 ft) above sea level
- **Cruising Speed:** 90-120 km/h (56-75 mph)
- **Wind Resistance:** Up to 60 km/h (37 mph)

Imaging and Data Collection

- **Camera:** High-resolution EO/IR camera for day and night operations
- **Payload Capacity:** Up to 5 kg (11 lbs) for various sensors and equipment
- **Multi-spectral Imaging:** Optional multi-spectral camera for agricultural and environmental analysis
- **Gimbal:** Stabilized gimbal for clear and stable imaging

Navigation and Control

- **Autopilot System:** Advanced autopilot with GNSS (GPS/GLONASS/BeiDou) for precise navigation
- **Ground Control Station:** User-friendly interface with real-time data streaming and mission planning
- **Flight Modes:** Fully autonomous, semi-autonomous, and manual control options

Communication

- **Data Link:** Encrypted communication link for secure data transmission
- **Control Range:** Up to 50 km (31 miles) with line-of-sight

Power System

- **Battery:** High-capacity lithium-ion battery
- **Charging Time:** Approximately 120-150 minutes
- **Battery Life:** Designed for extended missions with swappable battery options
- **Hybrid Power Option:** Optional hybrid power system for extended endurance

Safety and Compliance

- **Obstacle Detection:** Equipped with multi-directional obstacle detection sensors
- **Failsafe Mechanisms:** Automatic return-to-home (RTH), low battery warning, and emergency landing features
- **Regulatory Compliance:** Meets international UAV safety and operational standards

Software and Data Management

- **Mission Planning Software:** Intuitive software for planning, monitoring, and analyzing missions
- **Data Processing:** Compatible with leading GIS and photogrammetry software for post-processing
- **Cloud Integration:** Secure cloud storage options for data management and sharing

Applications

- **Agriculture:** Precision agriculture, crop health monitoring, and field mapping
- **Environment:** Wildlife monitoring, environmental surveys, and habitat analysis
- **Infrastructure:** Inspection of power lines, pipelines, and construction sites
- **Security:** Surveillance, search and rescue operations, and border patrol

MODEL: VORTEX VISION



The BMS Vortex Vision is a state-of-the-art fixed-wing drone designed to provide exceptional aerial intelligence and data collection capabilities. This cutting-edge unmanned aerial vehicle (UAV) has advanced imaging technology, offering unparalleled precision and reliability for various applications.

Whether it's for agricultural monitoring, environmental surveys, infrastructure inspection, or security operations, the Vortex Vision stands out as a versatile and robust solution. As Governments seeks to enhance its technological infrastructure and improve data-driven decision-making processes, the BMS Vortex Vision presents an ideal choice to meet these objectives efficiently and effectively.

General Specifications:

- **Model:** BMS Vortex Vision
- **Type:** Fixed-wing drone
- **Weight:** 1.6 kg (3.5 lbs)
- **Wingspan:** 116 cm (45.7 in)
- **Material:** Composite materials for enhanced durability and lightweight performance

Flight Performance

- **Maximum Flight Time:** Up to 90 minutes
- **Range:** Up to 50 km (31 miles) with extended-range options
- **Maximum Altitude:** 4,500 meters (14,763 ft) above sea level
- **Cruising Speed:** 40-90 km/h (25-56 mph)
- **Wind Resistance:** Up to 45 km/h (28 mph)

Imaging and Data Collection

- **Camera:** High-resolution RGB camera with 42 MP sensor
- **Thermal Imaging:** Optional thermal camera for heat signature detection
- **Multi-spectral Imaging:** Optional multi-spectral camera for vegetation and crop health analysis
- **Gimbal:** Integrated 3-axis gimbal for stable and clear imaging

Navigation and Control

- **Autopilot System:** Advanced autopilot with GNSS (GPS/GLONASS) for precise navigation
- **Ground Control Station:** User-friendly interface with real-time data streaming and mission planning
- **Flight Modes:** Fully autonomous, semi-autonomous, and manual control options

Communication

- **Data Link:** Encrypted communication link for secure data transmission
- **Control Range:** Up to 20 km (12.4 miles) with line-of-sight

Power System

- **Battery:** High-capacity lithium-polymer battery
- **Charging Time:** Approximately 60-90 minutes
- **Battery Life:** Designed for extended missions with swappable battery options

Safety and Compliance

- **Obstacle Detection:** Equipped with front-facing obstacle detection sensors
- **Failsafe Mechanisms:** Automatic return-to-home (RTH), low battery warning, and emergency landing features
- **Regulatory Compliance:** Meets international UAV safety and operational standards

Software and Data Management

- **Mission Planning Software:** Intuitive software for planning, monitoring, and analyzing missions
- **Data Processing:** Compatible with leading GIS and photogrammetry software for post-processing
- **Cloud Integration:** Secure cloud storage options for data management and sharing

Applications

- **Agriculture:** Crop health monitoring, field mapping, and precision agriculture
- **Environment:** Wildlife monitoring, habitat analysis, and environmental surveys
- **Infrastructure:** Inspection of power lines, pipelines, and construction sites
- **Security:** Surveillance, search and rescue operations, and border patrol

BMS UH-60L+ HELICOPTERS



Introduction:

The UH-60L+ is the best medium lift multi-role helicopter in the world, deployed by more than 35 countries across the globe, and known for its reliability and durability.

Its versatility, durability and performance make it highly adaptable to a wide variety of configurations, missions, and environments. BeMotion Aircraft production, licensed overhaul, and maintenance facilities provide unparalleled aircraft modernization, overhaul, and upgrade options.

BeMotion Aircraft support parts and maintenance programs, and pilot, special mission crew training programs.

General Specifications

- **Model:** UH-60L
- **Engines:** Two (2) General Electric T700-GE-701D turboshaft engines 2,200 shp (1,641 kW) each
- **Length:** 64 feet, 10 inches (19.6 meters)
- **Height (version variable):** 13 to 17 ft (3.9 to 5.m)
- **Rotor Diameter:** 53 ft 8 in (16.4 meters)
- **Empty weight:** 10,470 lbs. (4,746 kg)
- **Payload:** 11,500 lbs. (5,216 kg) 22,000 lbs.
- **Max. take-off weight:** 22,000 lbs. (10,000 kg)
- **Max gross weight (ferry):** 24,500 lbs.
- **Cargo Hook:** 9,000 lbs.
- **Max Cruise Speed (MCP):** 4000' 95°F 152 kts
- **Max Cruise Speed:** 2000' 70°F 159 kts SLS 155 kts
- **VNE:** 193 kts
- **Rate of Climb (95% MRP):** 4,000' 95°F 1,550 fpm
2,000' 70°F 2,750
- **Range:** fpm 280 nmi (520 Km)
- **Endurance:** 3.7 hours
- **Speed:** 180 knots (333 km/h)
- **Service ceiling (ISA day):** 19,150 ft
- **Hover ceiling (MRP-OGE) Standard day:** 11,125 ft
95°F day 7,650 ft 70°F day 9,375 ft

Highlights

- Twenty-two (22) UH-60L currently available and for sale
- Available with upgrades, options, and in several configurations
- Pilot, Special Air Crew, and Maintenance Training Programs•FAA Certificate of Airworthiness & Registration
- Warranty-One (1) Year or 100 Flight Hours

Multi-Mission Configurations

- Combat Assault - Troop Insertion and Extraction
- Utility - Cargo and Equipment
- ISR and Target Acquisition
- Direct Action Gunship
- Medevac
- Search and Rescue
- Counter-mine warfare

Genesys EFIS Glass Cockpit Upgrade

• IDU-680 Displays with PFD and MFD formats-configured to:

- Show flight instruments
- Moving map
- HIS
- Flight planner
- Traffic
- Terrain
- Weather radar
- Datalink, video
- Radio/audio management
- Engine displays

Analog Cockpit Instrumentation



• IDU-680 Systems also Feature:

- Flight Management System
- Integrated Class-A TAWS
- Genesys open architecture for interfacing special-mission equipment.



Health and Usage Monitoring System (HUMS)

HUMS System—Smart Helicopter is a sensor-based monitoring system that enables Condition-Based Maintenance by measuring the health and performance of mission-critical components on aircraft.

- Continuous vibration monitoring of drivetrain
- Performs Rotor, Track and Balance
- Actionable information for maintenance decisions
- Pinpoints mechanical faults before catastrophic failure

Avionics Package

- Foresight MX HUMS Spider X FDR
- Trotter Datavault ATU Telemetry System
- Modern Aircraft Maintenance Tracking
- Two (2) MD93 Clocks /USB Dual JA95
- Dual TDFM 136B
- Garmin 345R Transponder (ADS-B In/Out)
- Dual Garmin GTN 750
- Garmin 800TAS
- Appareo AIRS 400 FDM
- UH-60 Electric APU Starter Kit
- 5-Axis ELT Hobbs Meter PA System
- JA35 Audio Summing Amplifier Remote Mount
- JA34 Universal Radio Adapter with Bluetooth
- Onboard Cargo Hook P/N 200-438-00
- Onboard Cargo Hook Indicator
- Roller Shackle P/N 232-814-00
- Aerocraft UH-60 Vertical Reference Kit:
- 1 x Left Bubble Window
- 1 x Left Gear Fairing
- 2 x Extended Utility Handle 1 x Forward LH Step
- Motor Assembly w/Starter, and Wiring Kit) Pulse
- Lights
- USFS Hi-vis Rotor Blade Paint
- Start Fuel Reclamation Kit Ballast Box
- WAT LED Anti-Collision and Position Lights

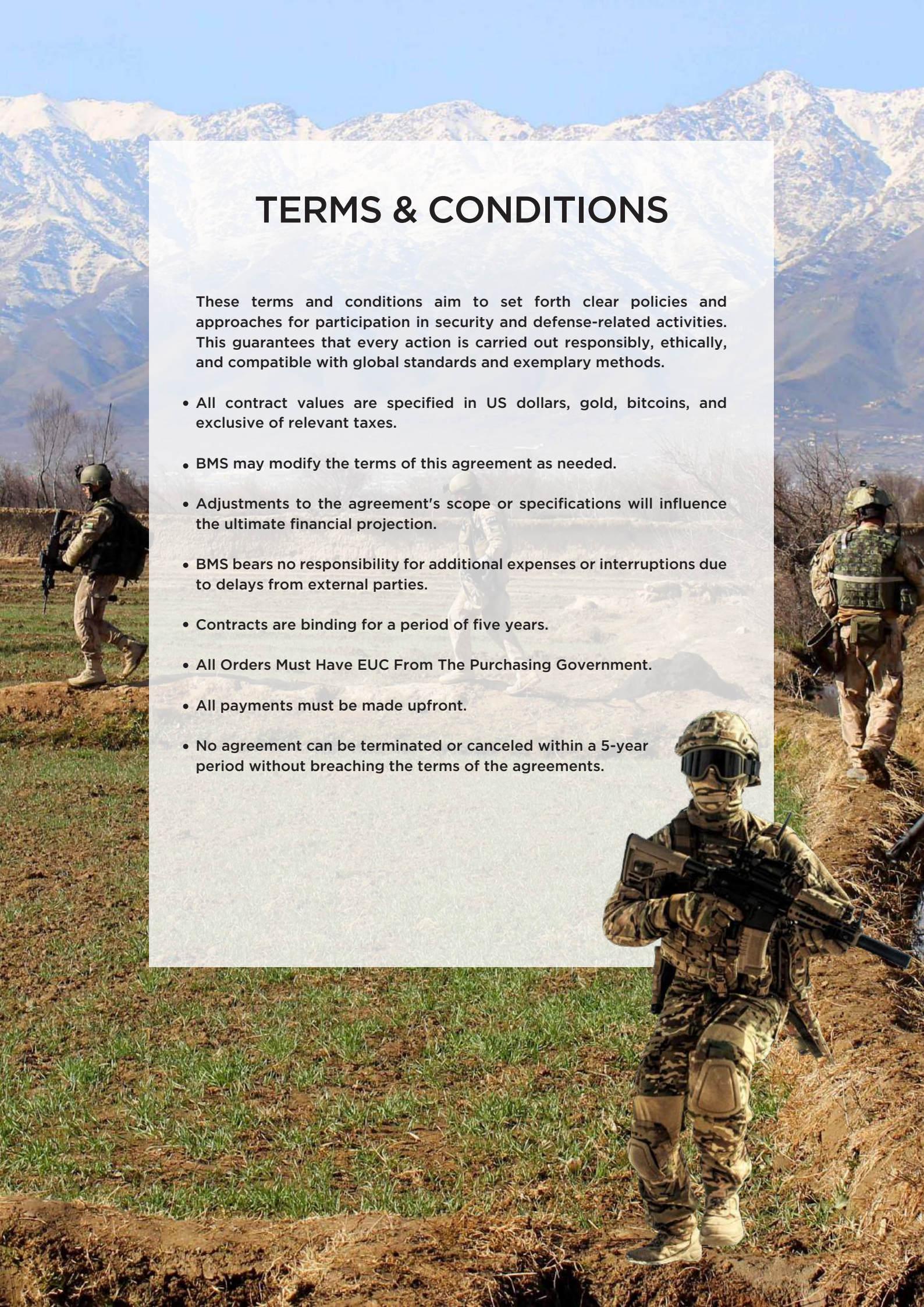
Prices Guide (USD) EXW USA

- Delivered airworthy, analog gauges, overhauled engines, and inspections:
- Delivered airworthy, with glass cockpit, upgraded avionics, overhauled engines, and inspections.
- Depending aircraft quantities, configuration, glass cockpit, avionics, systems, and equipment specified.
- New 2023 Sikorsky UH-60M aircraft cost with multi-year delivery lead time.
- Orders: Please submit BeMotion Aircraft order quantities, specifications, and configuration required to our address below. Thank you.

TERMS & CONDITIONS

These terms and conditions aim to set forth clear policies and approaches for participation in security and defense-related activities. This guarantees that every action is carried out responsibly, ethically, and compatible with global standards and exemplary methods.

- All contract values are specified in US dollars, gold, bitcoins, and exclusive of relevant taxes.
- BMS may modify the terms of this agreement as needed.
- Adjustments to the agreement's scope or specifications will influence the ultimate financial projection.
- BMS bears no responsibility for additional expenses or interruptions due to delays from external parties.
- Contracts are binding for a period of five years.
- All Orders Must Have EUC From The Purchasing Government.
- All payments must be made upfront.
- No agreement can be terminated or canceled within a 5-year period without breaching the terms of the agreements.





BeMotion
Solutions

For more information:
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