



برزان القابضة
BARZAN HOLDINGS



AERALIS

COMPANY OVERVIEW

AERALIS is a British defence aviation company delivering a new solution for military light jet aviation. This is being achieved through combining proven aircraft technologies, modular engineering principles, open systems architecture, and a fully digital backbone. AERALIS is creating an adaptable aircraft with advanced fast jet training and operational support capabilities—at less cost and with greater national control.

The global demand for cost-effective, flexible military aircraft is growing rapidly, driven by shifting defence priorities and the need to modernise ageing fleets. AERALIS's aircraft system is uniquely suited to meet this demand, offering a scalable solution that can be tailored to the specific and individual requirements. AERALIS is designed for interoperability, digital integration and lifecycle affordability – key factors for nations seeking to enhance capability whilst reducing the high costs of traditional platforms and transforming fleet availability and adaptability.

The AERALIS defence aviation solution spans basic flying to advanced training and includes companion trainers, aggressor aircraft, and light combat platforms—creating a fully integrated ecosystem.

AERALIS is part of Barzan Holdings' investment portfolio.

PRODUCTS

The AERALIS AERSYSTEM

The AERALIS AERSYSTEM™ enables rapid whole-airframe reconfiguration for a range of diverse missions, while reducing costs and increasing operational readiness, maximising return on investment.

The AERALIS Common Core Fuselage (CCF) forms the backbone of every AERALIS aircraft. It combines with a suite of interchangeable wings, engines, empennage, cockpits and mission systems to create not one aircraft but a family of capability, without the need for entirely new platforms.

Delivering Next Generation Pilots

AERALIS is delivering for the next generation of combat pilots who will be operating in a far more complex, digitally enhanced battlespace.

AERALIS enables tailored training pathways that evolve with operational needs. Pilots can train on a single platform that simulates multiple aircraft types and mission profiles, reducing the cognitive leap between training and frontline operations.



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COMMON CORE FUSELAGE

SYSTEMS

COCKPIT

LANDING GEAR

LRUs



FINAL ASSEMBLY LINE (FAL)

AIR INLET

EMPENNAGE & PLUG

ENGINE

CANOPY

NACELLE

EJECTION SEATS

WINGS

AUXILIARY POWER

MISSION AVIONICS



FAL VARIANT CONFIGURATIONS





برزان القابضة
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نبذة عن الشركة

تعد (إيراليس) شركة بريطانية متخصصة في الطيران الدفاعي، وتقدم حلاً مبتكراً للطائرات المقاتلة الخفيفة. ويتحقق ذلك من خلال الجمع بين تقنيات الطائرات المثبتة والمبادئ الهندسية المعيارية وبنية النظم المفتوحة والبنية التحتية الرقمية المتكاملة. وتصنع إيراليس طائرة قابلة للتعديل مزودة بقدرات التدريب على الطائرات النفاثة المتقدمة والدعم العملياتي، مع تكلفة منخفضة وتحكم أكبر على المستوى الوطني.

وينمو الطلب العالمي على الطائرات العسكرية منخفضة التكلفة والمرنة نموًا سريعًا، ويدفع ذلك تحول أولويات الدفاع والحاجة لتحديث الأساطيل القديمة. ويعد نظام طائرات إيراليس الوحيد القادر على تلبية هذا الطلب، حيث يوفر حلاً قابلاً للتطوير يمكن تصميمه حسب المتطلبات المحددة والفردية. وقد صممت إيراليس مع مراعاة قابلية التشغيل البيئي، التكامل الرقمي، والكلفة الميسرة، وهي عوامل رئيسية للدول التي تسعى إلى تحسين قدراتها مع تقليل التكاليف المرتفعة للمنصات التقليدية، وزيادة توفر الأسطول، وإمكانية تعديله حسب الحاجة.

ويتجاوز حل الطيران الدفاعي الذي توفره إيراليس حدود التحليق الأساسي، ليشمل التدريب المتقدم، المدربين المرافقين، الطائرات المعادية، ومنصات المقاتلات الخفيفة، ما يؤسس منظومة متكاملة بالكامل.

إيراليس هي إحدى الشركات المدرجة ضمن محفظة شركة برزان القابضة.

الخدمات

نظام طيران إيراليس

يتيح نظام طيران إيراليس إعادة تهيئة هيكل الطائرة بالكامل لمجموعة متنوعة من المهام، مع تقليل التكاليف، زيادة الجاهزية التشغيلية، وتعظيم العائد على الاستثمار.

ويشكل الجسم الرئيسي المشترك لطائرة إيراليس العمود الفقري لجميع طائرات إيراليس.

ويضم مجموعة من الأجنحة، المحركات، مجموعة الذيل، قمرة القيادة، وأنظمة المهام المتبادلة، مما يمكن من تصنيع عدة منصات وقدرات مختلفة دون الحاجة إلى تطوير طائرات جديدة بالكامل.

تجهيز الجيل القادم من الطيارين

تجهز إيراليس الجيل القادم من الطيارين المقاتلين الذين سيعملون في ساحات المعارك الأكثر تعقيدًا بكثير والمحسنة رقميًا.

وتتيح إيراليس مسارات تدريب مصممة خصيصًا تتطور وفق الاحتياجات العملية.

ويمكن للطيارين التدريب على منصة واحدة تحاكي عدة أنواع من الطائرات ونماذج المهام المختلفة مما يقلل من الفجوة الإدراكية بين التدريب والعمليات في الخطوط الأمامية.



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COMMON CORE FUSELAGE

SYSTEMS

COCKPIT

LANDING GEAR

LRUs



FINAL ASSEMBLY LINE (FAL)

AIR INLET

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MISSION AVIONICS



FAL VARIANT CONFIGURATIONS





برزان القابضة
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تعزيز الإستقرار
EMPOWERING STABILITY

COMPANY OVERVIEW

Barzan Holdings is wholly owned by the Qatar Ministry of Defence. We are enabling stability, strengthening sovereign capability and Qatar's global strategic position in the defence and security sector.

As the strategic investment arm of Qatar's Ministry of Defence, Barzan Holdings is powering Qatar's defence and security sector growth by building a strong presence through investing, partnering with global defence leaders, and developing innovative and technology driven solutions today that meet the global security challenges of tomorrow.

Our unique position provides Barzan Holdings with direct access to the Qatar Armed Forces and our investment portfolio. This is accelerating our growth and enabling a seamless and streamlined "concept to combat"

approach towards developing innovative and technology-driven products today to meet the security threats of tomorrow.

With our partners and our investments, we are focused on four principal areas of defence and security:

- Advanced Technologies
- Weapons and Ammunition
- Platforms
- Services, Support & Accessories

Our investments, products and services are across all domains.

Through the combination of our partner technical and manufacturing expertise, we are enabling the design, develop and manufacture of Barzan Holdings products in Qatar by Qataris.

BARZAN HOLDINGS FACTS AND FIGURES

2016

Established and incorporated

600+

Employees (2025)

60%+

Young Qataris
(18 - 39 years)
in core functions

40%

Of BH employees
are qualified project
managers



4 Manufacturing Factories in Qatar

1. BINDIG – Weapons and Accessories
2. Barzan Industrial Group (BIG) - weapons, accessories and power management systems
3. Barood Ammunition Factory – small caliber ammunition
4. ATAAD - uniform, wearable technology and personal protection

2 Services Providers

1. Barzan Maintenance Shield (BMS) - maintenance, repair and overhaul (MRO) services
2. BQ Solutions - Specialist Training, Capability development, Technical Advisory, and Organizational Transformation and NATO alignment

2 Innovation Partnerships in Qatar

1. Barzan Holdings Technology Arm - defense and security technology accelerator
2. RBAT - technology-focused solutions provider

OUR GLOBAL PRESENCE



“
International
Manufacturing
Capabilities, Partners,
and Investments
”



OVERVIEW

SALIS is a secure, multi-party, and multi-tier Integrated Armament Platform designed to operate effectively within complex sovereign defence ecosystems. The platform supports multi-layered operational structures across defense organizations, subordinate commands, and associated agencies.

With a focus on operational readiness and combat effectiveness, SALIS has been developed by Barzan Holdings with a deep focus on the end-user and can be tailored in accordance with different requirements.

The SALIS Integrated Armament Platform enhances operational efficiency by digitizing and digitalizing the armament lifecycle—from order initiation and approvals to inventory control, monitoring, and reporting. This capability is delivered through two synergized systems:

- Order Management System
- Inventory Management System

These systems may be deployed and operated as standalone components that are fully interoperable with existing military armament, logistics, and sustainment systems.

Platform Features

- Modular Architecture
- Interoperability & Standards Alignment
- Unified Armament Command & Control
- Data Security & Cyber Defence

Main Capabilities of the Order Management System

- Create different types of orders (issue, return, discard)
- Real-time tracking and summarization of orders across every stage of the process
- Generate order reports for manual use, audit, and record-keeping
- Support multi-tier approval chains (entity, armament division, headquarters, etc.)
- Automatically recommend mission-appropriate assets using smart logic

Order Management System Features

- Customizable Ordering Workflows
- Real-Time Order Visibility
- Smart Asset Recommendation



برزان القابضة
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سلس
SALIS

المنظومة الاستراتيجية
للتسلح وإدارة الجرد اللوجستي
Strategic Armament &
Logistics Inventory System

Inventory Management System Features

- Data-Driven Operational Insights
- Real-Time Military Supply Chain Monitoring
- Comprehensive Asset Master Database

Main Capabilities of the Inventory Management System

- Provide multi-level visibility of available and committed stock
- Monitor stock quantity including total stock, expiration date, low/over stock, and annual supply.
- Generate alerts and warnings for low stock, aging stock, and expiry windows
- Support asset-based inventory management with full tracking and control of each category.
- Inventory forecast dashboard to view projected stock levels, consumption trends, and future replenishment needs



Contact us: info@barzanholdings.com

barzanholdings.com



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BARZAN COUNTER-UNMANNED AERIAL SYSTEM

Low altitude Air Defense Solution to protect the airspace against low flying unmanned aerial targets. The C-UAS Solution is composed of sensors and effectors that are integrated into the Qatari developed command and control system to safeguard airspace against Group 1 and Group 2 of Unmanned Aerial Systems (UAS) threats. The C-UAS solution provides real-time UAS detection, tracking, recognition, classification, and neutralization capability, offering reliable protection to critical infrastructure and assets.

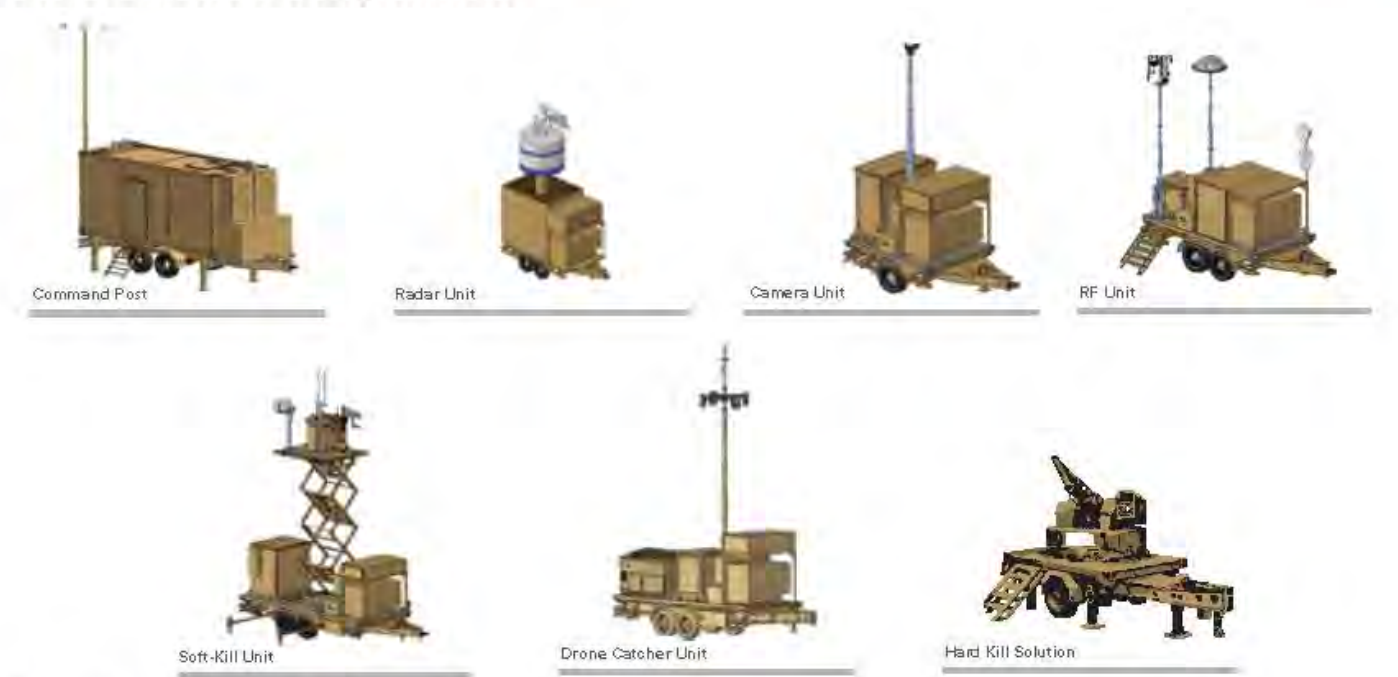
CUAS Deployment Configuration

Point Security Single small site requiring minimal assets to provide protection.	Zone Single site with a large geographical area to be covered by multiple assets.	Wide Area Protection Designated protection area containing multiple sites.
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Key Features

Multi Sensor and Effector Management	Enables real-time threat detection, tracking, and effective neutralization using both soft and hard kill countermeasures.
Decision Support	Provides the operator with effective decision-making support based on threat evaluation and effector capability.
Scalability	Adaptable for operations ranging from single-unit deployments to large-scale collaborative missions.
Robust Field Operation	A ability to operate remotely in diverse environments with a compact portable design, secure data transmission, and independent power supply.
AI Enabled Operations	Effective AI-driven pursuit and interception, enabling real-time threat engagement and predictive targeting.
Post-incident Analysis and Reporting	Provides the operator with documented incident details and comprehensive reports for observation and analysis.

CUAS Solution Components



Specifications

Radar		RF Jammer	
Detection Range (RCS 0.01 m²)	≥ 5 km	Frequency Range	20 MHz to 8 GHz
Detection Range (RCS 0.1 m²)	≥ 15 km	Antenna Type	Directional and Omni
Classification Method	Micro-doppler	Coverage*	Up to 6 km
RF Receiver		Spoofer	
Frequency Range	20 MHz to 8 GHz	Spoofer Coverage*	Up to 25 km
Elevation Coverage*	90°	Omni Antenna(s) Frequency Range	1.555 GHz to 1.615 GHz / 1.16GHz to 1.305GHz
Azimuth Coverage*	360°	Directional Antenna Frequency Range	1150-1620MHz
EO/IR Camera		Drone Catcher	
Visual Recognition Coverage*	Up to 4 km	Maximum Flight Operating Radius	4 km
Zoom	Optical: 36x Electronic: 12x	Maximum Speed	25 m/s
Azimuth & Elevation Coverage*	Azimuth: 360° Elevation: 90°	Rate of Climb	<12 m/s

*Based on ideal conditions; range may vary.



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BRAZAN C2 SHELTER

The Command & Control (C2) Shelter is a rapidly deployable, manned, and mobile operational hub that serves as the tactical headquarters for Qatari C-UAS missions. Engineered as a secure, self-sustaining shelter, it houses the C-UAS Command & Control software, commander and operator workstations, and all critical communication and computing systems required to manage complex operations. From this protected environment, operators can monitor the battlespace, analyze intelligence, and remotely control all connected detection, identification, and counter-UAS units in real time through integrated data communication links. Designed for reliability, connectivity, and operational continuity, the C2 Shelter enables commanders to maintain full situational awareness and decisive control across all mission phases, anywhere it is deployed.

Key Features

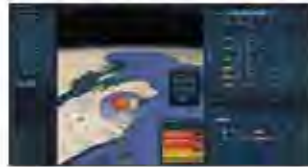
Infrastructure Independent	Utilizes generators to operate independent of infrastructure. Power hookup possible if available.
Quick redeployment	Easy to setup and operation ready in short time frame. Transportation mode support road and airlift transportation.
Wired/Wireless Communication	Based on operational need wired and wireless communication support. Two backup communication channel to support continuous operation.

Command and Control - Capabilities & Features



Users Roles & Permissions

A robust security framework is built upon the pillars of authentication and authorization, ensuring that access control is strictly enforced **based on specific user roles & permissions.**



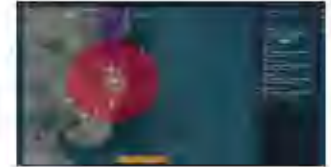
Common Operational Picture (COP)

Provides the integration and fusion of Real Time Data and the standardized use of NATO Symbology (A PP-6) to ensure multi-national interoperability and rapid decision-making.



Track Management

Utilizes track identification to establish unique target signatures, **track classification to categorize** entities as friend, foe, or neutral, and auto-tracking to maintain continuous lock-on through multi-sensor data fusion.



Decision Support

Utilizes advanced threat analysis to evaluate incoming risks in real-time, automatically recommending the best effector selection to ensure a neutralized threat with minimal resource expenditure.



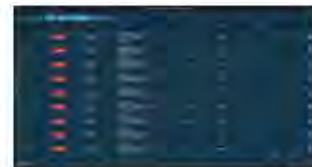
Sensors & Effectors Management

Integration of diverse sensors and effectors for optimized operations.



Situation Awareness

Integration and analysis of video feeds for threat detection and decision-making.



Reporting

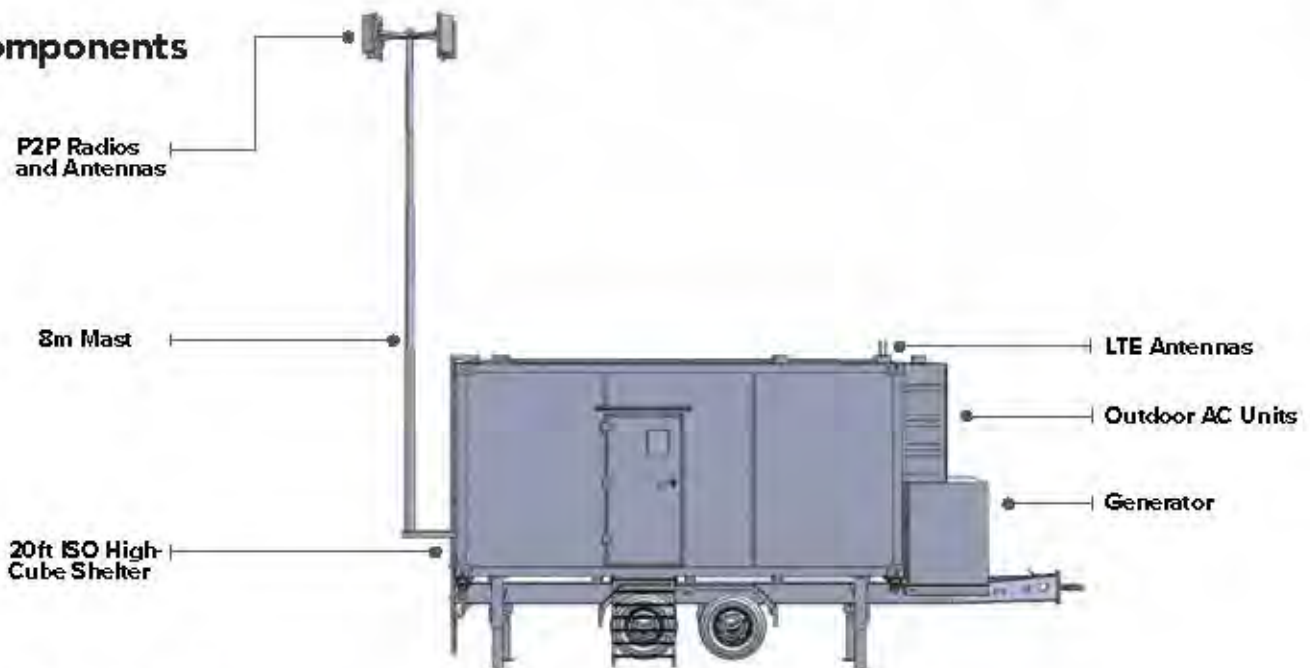
Provides a comprehensive audit trail and operational oversight by aggregating logs & events for every system interaction.



Zones & rules management

Enables precise spatial control by utilizing Zones Management to **define geographic boundaries.**

Components



Specifications

Command & Control Shelter			
Multi-language Support	Arabic, English	Trailer Size:	20 ft ISO
Shelter Height:	~2.9 m	Shelter Length:	~6.0 m
Number of Operator	1 Commander, 2 Operator	Total Power	36 kW
Communication Mast Height:	8 m	Unit Height:	Deployment Configuration Height - 10 m Transportation Configuration Height - 4.5 m
Communication Type:	Primary: Wired 1 km Fiber Optic Cable First Backup: MoD LTE Second Backup: Wireless Radio	Communication Range:	Primary - 1 km (Cable communication) First Backup - As per GSM provider range Second Backup - 5 km



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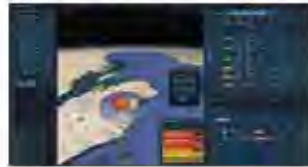
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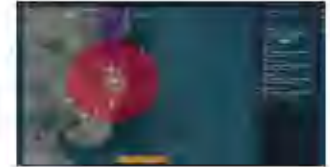
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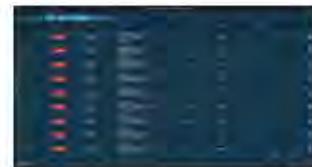
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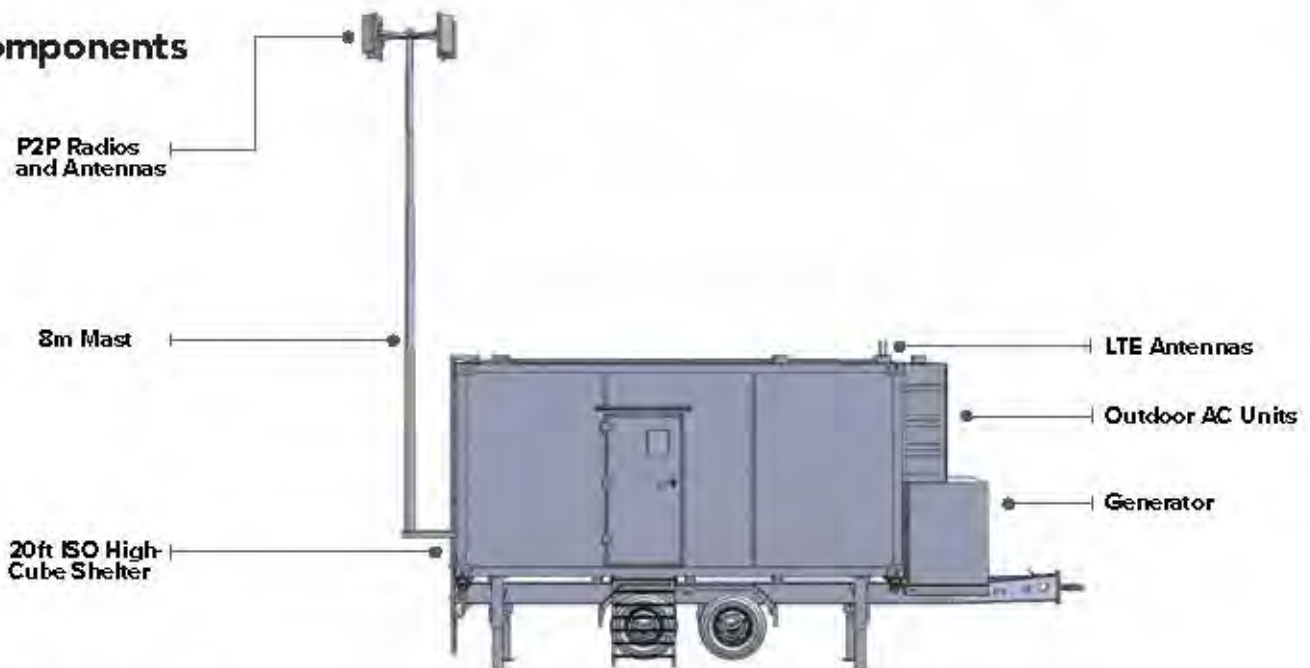
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BARZAN C-UAS SOFT-KILL UNIT

The C-UAS Soft-Kill Unit combines RF Jamming and GNSS spoofing into a single platform that delivers both signal denial and deception against hostile UAVs in contested airspace. Jamming disrupts UAV communication and navigation signals, denying their operational control, while GNSS spoofing denies UAV navigation and positioning systems. Directional and omnidirectional antennas providing 360° coverage and shared platforms reduce overall system size, weight, and power demands, key factors when working within mobile platforms.

Key Features

Antennas Position	Jammer and Spoofer Directional and Omni Directional Antennas are placed on extendable 6 m scissor lift.
Unmanned	Unit is independent of any manned infrastructure to operate after deployment.
RF Jamming	React to threat signals anywhere between 20 MHz to 6 GHz.
GNSS Spoofing	Spoofing protects up to 50 Km.
Redeployable	Easily deployable to operation site and support quick setup. Unit operates independent of infrastructure, having a generator to support remote operations while supporting mains power where available. Transportation mode supports road transportation and airlift.
Communication Systems	Optical Fiber as primary communication, Military LTE is used as redundant communication system.

Components



Specifications

RF Jammer			
Jamming Bands	5 Jamming Bands covering 20-6000 MHz	Jammer Techniques	Active, Reactive and Hybrid
Low Band	20-520 MHz, TX Power 100 W	Mid Band [3 Module]	400 to 2700 MHz, TX Power 100 W
High Band	1800 to 6000 MHz, TX Power 50 W	Jammer Modulations	Spot (Tone), Barrage, Sweep, Noise, Tone, DTMF, phase, ramp, wave, AM, FM and PSK and other techniques.
Spoofer			
Spoofer Constellations	GPS, BeiDou, GLONASS, Galileo, QZSS, IRNSS	Spoofing Coverage	For low-altitude airspace below 500m: directional navigation spoofing distance ≥50km
Spoofer TX Power	100 Watt	GLONASS	L1, L2, L3, L5
Galileo	E1, E5, E6	QZSS	L1, L2, L5
BeiDou Bands	B1, B2, B3	Spoofer Antennas Gain	Directional antenna gain: ≥15dBi Omni-directional antenna gain: ≥3dBi
GPS Bands	L1, L2, L5	Spoofer Directional Beam	Beam width: ≤30°, side lobe: ≤-25dB, front-to-back ratio: ≤-30dBi
Spoofing Mode	Designated fixed points designated direction, circular Motion, tracking and trapping		



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BARZAN UNMANNED SURFACE VESSEL

DESIGNED FOR MISSION FLEXIBILITY

The Unmanned Surface Vehicle (USV), developed by Barzan Holdings features an agnostic, modular design that enables true multirole capability. Constructed from fiber-reinforced plastic (FRP) using vinyl ester and ISO-grade resins for durability and corrosion resistance. This 39-foot platform is powered by twin FNM 350 HP inboard diesel engines coupled to Custoldi TD284 water-jet drives, ensuring high maneuverability, shallow-draft operation, long loiter endurance, and high sprint speeds for rapid intercepts. Engineered for easy transport and rapid deployment with a sensor- and payload-agnostic architecture, the USV is designed for a wide range of military and dual-use missions.

Payload Agnostic



ISR
4-axis gyro-stabilized EO/IR Intelligence Surveillance and Reconnaissance (ISR) camera

Remote Control Weapon Stations
12.7mm high precision remotely controlled weapon station

Anti Spoofing/Jamming
Anti-spoofing/anti-jamming system for EW-resilient operations.

Searchlight
Ruggedized, multi-spectral maritime searchlight with real-time filters selection

Optional Payloads

Long Range Acoustic

Devices Sonar

Anti-Submarine Warfare

Anti-Surface Warfare

Patrol and Area Security

Electronic Warfare

Command and Control - Capabilities & Features



Unmanned Systems Management
Seamless control and integration of unmanned platforms (air, land, sea) into missions.



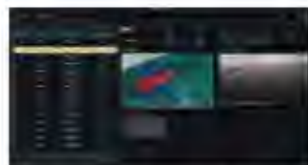
Common Operational Picture (COP)
Unified display of information for enhanced situational awareness and informed decision-making, supporting operations at all levels: tactical, site, national, and strategic.



Video Management and Analytics
Integration and analysis of video feeds for threat detection and decision-making.



Geographic Information Systems
Provides accurate geospatial data for real-time navigation, mission planning, and situational awareness



Mission and Post-Mission Management
Facilitates mission planning, execution, and coordination, with detailed post-mission analysis for continuous improvement.



Multi-Language Support
The Barzan C2 System provides multi languages support, ensuring accessibility for multinational operators and jointforce operations.



Obstacle Avoidance
Applies real-time obstacle avoidance manoeuvres in compliance with CORLEGs, enabling safe autonomous operation in various maritime environments.



Military and Quality Standards Compliance
(NATO, ISO 9001, ISO 12207)
Fully compliant with international military standards and quality assurance standards, ensuring reliability and performance.



Sensors & Effectors Management
Integration of diverse sensors and effectors for optimized operations.



Electronic Warfare
Deploys various sensors and effectors, such as Radar, EO/IR spoofer, and jammer, to detect and deter threats.

Specifications

Vessel Characteristics			
Length	11.9m // 39ft	Beam	3.1m // 10ft
Draft	0.76m // 2.5ft	Height	5m // 16.4ft
Speed	30+ knots	Main Engine	350hp FNM 42HPE Diesel Inboard
Propulsion	Castoldi D284 HCT	Weight	~8,200 KG
Stabilizer	Quick Gyro MC X7	Fuel Capacity	1200 liters // 317 gallons
Payload Capacity	940 kg // 2,072 lb	Power	240v AC from 15kVA Whisper Generator
Air Condition	24k BTU Marine A/C Unit	Mast	1.6m Centerline Mast



برزان القابضة
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عتماد
ATAAD

COMPANY OVERVIEW

ATAAD is a Barzan Holdings joint venture with partners in the manufacturing and supply of military equipment, uniform, wearable technology, advanced security, and personal protection equipment and tools.

ATAAD's team of highly skilled designers and industry experts are renowned for their expertise in textile production specialising in designing and producing uniforms tailored for a variety of professional applications in the defence and security sector. Through prioritizing and understanding the unique requirements of clients working in challenging environments, and applying the latest technological advancements, ATAAD ensures Innovative, premium-quality products that meet and exceed the highest standards of performance, comfort and safety.

ATAAD cutting-edge manufacturing facilities are located both in Qatar and internationally.

PRODUCTS



Uniforms and Apparel

Military, Medical, Civil Defence –
firefighting, homeland security,
corporate, sportswear



Military Accessories

Protective Gear, Specialist
equipment and accessories,
safety gear



Decorations

Medals, Awards,
Ceremonial

SERVICES



Consultation

Design and concept development, technical
advisory - fabrics, garment options, latest textile
technology, sampling and wearability testing



After Sales Support

Logistics & warehouse
management, after sales support



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BARZAN HOLDINGS

عتاد
ATAAD

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BARZAN HOLDINGS

BAROOD
مصنع بارود لمنتجات الذخيرة
BAROOD AMMUNITION FACTORY
A SUBSIDIARY OF BARZAN HOLDINGS

COMPANY OVERVIEW

Barood Ammunition Factory is a wholly owned subsidiary of Barzan Holdings, providing specialist manufacturing and supply of high-quality small caliber ammunition in specifications that conform to international and NATO standards.

Barood Ammunition Factory is a key part of powering Qatar's defence sector through building self-reliant Qatari engineering and manufacturing capabilities. The quality and competitiveness of the products it offers to the defence and security markets are driving capability development, ensuring a secure supply chain and contributes to Qatar's national economy.

Barood Ammunition Factory's streamlined state-of-the-art manufacturing facilities in Qatar combined with robust quality assurance ensures all its products achieve the highest level of client satisfaction.

PRODUCTS



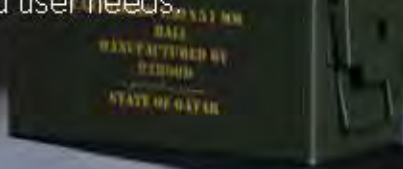


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BAROOD
مصنع بارود لإنتاج الذخيرة
BAROOD AMMUNITION FACTORY
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PACKAGING

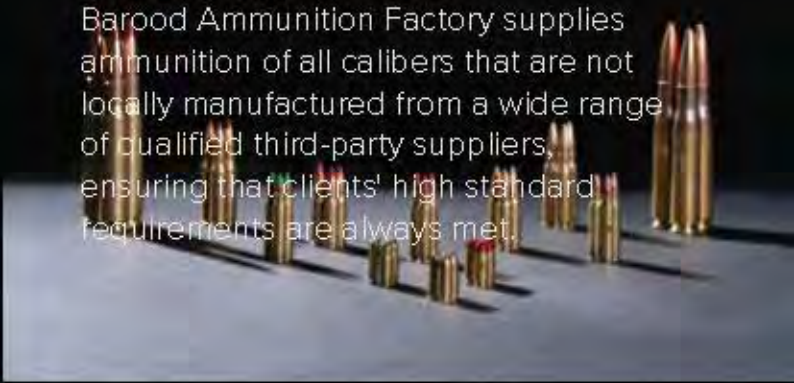
Barood Ammunition Factory produces packaging and ammunition boxes for ammunition of all calibers, customized to end user needs.



SERVICES

AMMUNITION PROCUREMENT

Barood Ammunition Factory supplies ammunition of all calibers that are not locally manufactured from a wide range of qualified third-party suppliers, ensuring that clients' high standard requirements are always met.





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COMPANY OVERVIEW

Barzan Industrial Group (BIG) is a wholly owned subsidiary of Barzan Holdings enabling Qatari engineering and manufacturing capability for the design, development and manufacture of high quality defence and security products.

BIG works with trusted industry partners, experienced designers and engineers, state-of-the-art machine capabilities operated by local and highly skilled engineering talent. Together, they are developing and producing innovative defence, security and protection products through their “concept to combat” approach developing client needs, ideas and concept to combat ready products. These meet and exceed client requirements, end user expectations and meets the needs of the constantly evolving security environment.

BIG operates to the highest global industry standards with these ISO certifications:

9001 for Quality Management Systems

14001 for Environmental Management Systems

45001 for Occupational Health and Safety Management Systems

PRODUCTS

Weapons



Q7-556 RIFLE



Q7-556 W/ FUSION SYSTEM



Q7-762 RIFLE



40 MM MODULAR
GRENADE LAUNCHER

Accessories



MUM NIGHT
VISION GOGGLE



PATRIOT
SAVR-Q



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مجموعة برزان للصناعة
BARZAN INDUSTRIES, under
A DIVISION OF BARZAN HOLDINGS

SERVICES

DESIGN AND ENGINEERING:

All aspects of CAD and CAM design and programming, prototyping and testing

MANUFACTURING:

All aspects of weapon and weapon accessory manufacturing

TESTING:

Product testing, product trials and acceptance, and troubleshooting

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COMPANY OVERVIEW

Bindig is a joint venture between Barzan Holdings and the Italian industrial leader Beretta Holding. In Qatar, Bindig is designing, developing and manufacturing state-of-the-art, modern, reliable, weapons' systems.

Bindig has quickly established their market offerings in the regional defence and security sector, with two products fully launched and in use by the Qatar Armed Forces.

At the core of Bindig's success and growth is their approach towards operational excellence, a dedication to high standards of quality control and compliance, integrity, and responsiveness.

This is reinforced through strict adherence to the highest defence and security global standards, enabling a leading product range now available to the global defence sector marketplace.

PRODUCTS

BINDIG 92 Q1 SEMI-AUTOMATIC Pistol Special handgun for special tasks

Caliber	9X19mm NATO
Magazine capacity	17 rounds
Action	DA/SA
Overall length	217mm
Barrel length	125mm
Overall width	38mm
Overall height	143mm
Sight radius	155mm
Weight unloaded	945g



BINDIG ARQ 160 ASSAULT Rifle Bindig's 4th generation assault rifle

Caliber	5.56x45mm NATO
Operating principal	Gas piston
Cycling rate of fire	Approx. 800 rounds per minute
Magazine capacity	30
Locking system	Rotating bolt
Barrel length	16.94.11"
Weight w/o mag	3.170 Kg (with 11" barrel)





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B BINDIG



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COMPANY OVERVIEW

Barzan Maintenance Shield (BMS) is a wholly owned subsidiary of Barzan Holdings providing specialist maintenance, repair and overhaul (MRO) services across all domains in the defence and security sector.

The services offered by BMS are securing sovereign capability through the delivery of world-class maintenance, repair and overhaul service, offering high reliability and availability to Qatar's defense and security entities.

BMS has a strong track record of success, delivering comprehensive MRO services across Land, Maritime and Air domains to support End User operational requirements.

The success of BMS is reflected in the knowledge and technical expertise transfer achieved through building self-reliant Qatari capability and localising the BMS workforce. The value of BMS's proposition to both the client and the wider economy is being achieved by focusing on the localisation of technical services and expertise and through increased efficiencies and flexibility in the provision of MRO services.

SERVICES

Maintenance, Repair and Overhaul (MRO) Technical Services

BMS engineers and technicians provide 'hands on', technical support at the point of need. This ensures a swift and agile approach to assuring operational availability of assets.



Supply Chain Management

BMS delivers a robust supply chain approach that includes full management of spare parts supply and inventory management to ensure the provision of materiel required to maintain a high operational availability.



Project Management and oversight

BMS provides turnkey solutions through senior technical leadership with expertise in MRO operations, project management and supply chain functions to support End User requirements and provide oversight of any third party suppliers.





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BARZAN MANUFACTURING
A DIVISION OF BARZAN HOLDINGS



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COMPANY OVERVIEW

BQ Solutions is a wholly owned subsidiary of Barzan Holdings providing specialist professional services in the defence and security sector enhancing operational effectiveness and strengthening sovereign capability.

BQ Solutions proud heritage enhancing sovereign capability continues to be their strength and enjoy a strong track record delivering a range of solutions across all defence and security domains since being established in 2018.

BQ Solutions success is driven by a very focused mission – to be a force-multiplier for clients and achieve transformative and sustainable growth, successfully combining a structured and focused military approach in a commercial context to deliver value and tangible results.

BQ Solutions team of defence, security, and subject matter experts provide analytical insight, and grounded judgement.

This approach is applied to solutions in three core service areas that deliver real impact in today's evolving security environment, combined with the rigour of a top-tier professional advisory services firm.

BQ Solutions Services:

- Advisory & Mission Solutions
- Specialist Training
- Integrated Operational Support

ADVISORY AND MISSION SOLUTIONS

BQ Solutions offer a range of client consulting options to identify their needs, requirements and ambitions, and has a proud track record of developing and delivering enterprise solutions for complex large-scale projects, aligning to international best practices and NATO standards.

This is achieved by enabling carefully selected experts advise on solutions that deliver real organizational or mission-specific results.

BQ Solutions go beyond written reports, recommendations, doctrines and policy writing.

Implementation, organizational excellence, assurance and knowledge transfer are built into their solutions through international expert knowledge, experience and track record working with current global best practice and NATO standards.

This enables the design and implementation of enterprise solutions that move the client concept and ambition to operational reality.



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SPECIALIST TRAINING

BQ Solutions is uniquely positioned to deliver the best specialist training working with a combination of carefully selected partners, credible subject matter experts and their team of consultants, all with a wealth of experience and knowledge. The focus with all specialist training is to enhance sovereign capability, transfer knowledge and build individual competencies.

BQ Solutions approach with this is to study successful strategies and tactics employed by different nations, conduct a comprehensive training needs analysis and align identified specialist training to NATO standards that guarantee military personnel receive instruction that meets rigorous benchmarks.

Post-training embedded mentoring to validate learning outcomes and assure performance objectives is also a key part of the value BQ Solutions offer.

INTEGRATED OPERATIONAL SUPPORT

BQ Solutions develops, manages, delivers large, complex operational support across the defence and security sectors. Our dedicated team of experts covers all domains working with a network of partners that provide the assurance and effectiveness required to deliver mission readiness.

This is achieved by identifying solutions and commercialise these to build a sustainable, reliable capability. BQ Solutions deliver a full life-cycle support from initial requirement identification, design, delivery and decommission – we call this the BQ Solutions Lifeline.

Our BQ Solutions Lifeline framework assures defence integrated operational support at every stage of requirement and is built around six areas of enterprise focus.

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رئيسية Rheinmetall بارزان للتقنيات المتقدمة
Rheinmetall Barzan Advanced Technologies

COMPANY OVERVIEW

Rheinmetall Barzan Advanced Technologies (RBAT) is a joint venture between Barzan Holdings and German Integrated Technology Group Rheinmetall AG. RBAT is a unique partnership accelerating Qatar's defence technology with a clear mission to develop integrated systems through engineering and software capabilities and deliver optimized, innovative client solutions.

RBAT's technology-focused defence and security systems integrator approach focuses principally on enabling sovereign capability and the needs of the Qatar Armed Forces, as well as the to the global defence sector marketplace.

PRODUCTS & SERVICES

MISSION SYSTEMS

- Providing reliable systems integration
- Command and Control system for complex environment

AUTONOMOUS SYSTEMS

- Unmanned Ground Vehicles
- Unmanned Surface Vehicles
- Counter-Unmanned Aerial Systems (C-UAS) Integrated ISR platforms
- Infrastructure Protection
- Maritime Security Systems
- Electronic warfare systems

TRAINING AND SIMULATION

- Live-Training Systems
- Short Learning Courses

AMMUNITION

- Supply
- Ammunition Life Cycle Management
- Demilitarization



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AERALIS

COMPANY OVERVIEW

AERALIS is a British defence aviation company delivering a new solution for military light jet aviation. This is being achieved through combining proven aircraft technologies, modular engineering principles, open systems architecture, and a fully digital backbone. AERALIS is creating an adaptable aircraft with advanced fast jet training and operational support capabilities—at less cost and with greater national control.

The global demand for cost-effective, flexible military aircraft is growing rapidly, driven by shifting defence priorities and the need to modernise ageing fleets. AERALIS's aircraft system is uniquely suited to meet this demand, offering a scalable solution that can be tailored to the specific and individual requirements. AERALIS is designed for interoperability, digital integration and lifecycle affordability – key factors for nations seeking to enhance capability whilst reducing the high costs of traditional platforms and transforming fleet availability and adaptability.

The AERALIS defence aviation solution spans basic flying to advanced training and includes companion trainers, aggressor aircraft, and light combat platforms—creating a fully integrated ecosystem.

AERALIS is part of Barzan Holdings' investment portfolio.

PRODUCTS

The AERALIS AERSYSTEM

The AERALIS AERSYSTEM™ enables rapid whole-airframe reconfiguration for a range of diverse missions, while reducing costs and increasing operational readiness, maximising return on investment.

The AERALIS Common Core Fuselage (CCF) forms the backbone of every AERALIS aircraft. It combines with a suite of interchangeable wings, engines, empennage, cockpits and mission systems to create not one aircraft but a family of capability, without the need for entirely new platforms.

Delivering Next Generation Pilots

AERALIS is delivering for the next generation of combat pilots who will be operating in a far more complex, digitally enhanced battlespace.

AERALIS enables tailored training pathways that evolve with operational needs. Pilots can train on a single platform that simulates multiple aircraft types and mission profiles, reducing the cognitive leap between training and frontline operations.



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COMMON CORE FUSELAGE

SYSTEMS

COCKPIT

LANDING GEAR

LRUs



FINAL ASSEMBLY LINE (FAL)

AIR INLET

EMPENNAGE & PLUG

ENGINE

CANOPY

NACELLE

EJECTION SEATS

WINGS

AUXILIARY POWER

MISSION AVIONICS

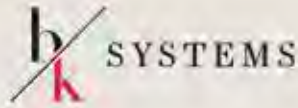


FAL VARIANT CONFIGURATIONS





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COMPANY OVERVIEW

Barzan Kongsberg Systems (BK Systems) is a joint venture between Barzan Holdings and Norwegian advanced defence and security technology leader KONGSBERG. Based in Qatar, BK Systems develop and enable advanced high-technology solutions operating at the intersection of digitalisation, resilience, and critical infrastructure protection.

BK Systems provides advanced capabilities across defence, maritime, energy, and security domains. Since establishment, BK Systems has developed specialised expertise in monitoring, surveillance, and protection of critical maritime infrastructure.

These domains are an increasingly vital capability for sovereign capability and national security in a complex threat environment.

BK Systems' core activities include the delivery of defence solutions, multi-sector technology development, lifecycle support and maintenance, and research-driven innovation. The company plays a key role in strengthening sovereign capabilities while contributing to long-term technological resilience and strategic partnerships in the region.

PRODUCT & SERVICES

Integrated digital capabilities for defence, security and critical infrastructure
BK Systems delivers advanced technology capabilities that strengthen situational awareness, operational resilience, and protection of critical assets. Through systems integration, digital platforms, and lifecycle support, the company enables customers to operate effectively in complex and demanding environments.

BK Systems adds value across the full capability lifecycle—from concept and development to operations, sustainment, and continuous enhancement.

CORE DOMAINS & CAPABILITIES DEFENCE & SECURITY

- Systems Integration and capability development
- Secure, mission-critical solutions

MARITIME & CRITICAL INFRASTRUCTURE

- Monitoring and protection of critical maritime assets
- Maritime domain awareness and surveillance

DIGITAL & DATA-DRIVEN CAPABILITIES

- Digital platforms and data fusion
- Decision support and situational awareness

LIFECYCLE SUPPORT & INNOVATION

- Operations, maintenance, and sustainment
- Research, innovation, and technology development



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BMC

COMPANY OVERVIEW

BMC and Barzan Holdings are in partnership to enable the manufacturing and supply of military and civil protection vehicles and transportation for use in a wide range of operational environments and tasking.

BMC provides specialist military automotive solutions for the global defence and security industries. With a wide range of high quality products, qualified workforce and vast production capacity, BMC is capable of developing and producing defence vehicles in different configurations, ranging from mine resistant armoured vehicles to tactical wheeled vehicles, tracked vehicles and unmanned land vehicles. BMC's vehicles provide end-users with the specialist capability for multiple missions, and to meet the demanding needs of today's security environment.

As one of the largest military vehicle manufacturers in Turkey, BMC is becoming a leading and recognised global brand in automotive design, development and manufacture supplying to domestic and allied Nations Armed Forces.

PRODUCT CATEGORIES

NEW
GENERATIONS
TACTICAL
WHEELED
VEHICLES



ARMORED
VEHICLES



TACTICAL
WHEELED
VEHICLES

LOGISTICS
SUPPORT
VEHICLES



SPECIAL
VEHICLES
(CUSTOM-
MADE
VEHICLES)



ENGINES



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BMC



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COMPANY OVERVIEW

M23 is a leading maritime sub-sea technology company located in Bergamo, Italy, specializes in engineering and construction of Advanced Midget Submarines, Unmanned Underwater Systems and Hyperbaric Chambers.

Established in 1991, initially as GSE Trieste, M23 rapidly gained recognition in the maritime industry for its special projects and cutting-edge technologies.

Operating from three state-of-the-art facilities in Italy, M23 retains the ability to internally design and manufacture most the key subsystems, ensuring stringent quality control and precision. With a commitment to innovation and forward-thinking, M23 continues to challenge limits and set new benchmarks, establishing itself as a pioneer in the midget submarine technology sector.

M23 is part of Barzan Holdings' investment portfolio.

PRODUCTS



D-Series

Designed for discreet maritime security and special missions, the D-Series excels in persistent patrolling, force protection, and stealthy reconnaissance, with a strong focus on covert Special Operations such as lock-in/lock-out scenarios.



T-Series

The T-Series provides a versatile surveillance and protection capability, combining stealthy reconnaissance and Special Operations support with an integrated early-warning receiver to enhance situational awareness in contested environments.



V-Series

Optimized for multi-role missions, the V-Series delivers patrol and reconnaissance capabilities alongside limited offensive strike options using mini-torpedoes, while supporting Special Operations and enhanced survivability through radar warning reception.



C-Series

As a full-spectrum combat platform, the C-Series offers advanced patrol and stealth reconnaissance combined with robust offensive warfare options, including heavyweight torpedoes, smart logic sea mines, and loitering munitions, while enabling complex Special Operations and comprehensive communication and radar warning functions.



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PAVO GROUP

COMPANY OVERVIEW

Pavo Group is a leading digital innovation and national security group of companies based in Türkiye delivering high-assurance complex technology globally across the defence, public safety, communications and digital technology sectors. Their mission is to turn complex operational needs into efficient, field-proven realities. From the precision strike capabilities of the GÖKALP heavy-lift drone to the tactical dominance of the Qorela C2I platform, Pavo Group's portfolio spans the full spectrum of modern warfare.

Strengthened by their heritage and global footprint in collaboration, Pavo Group combines technical innovation with a robust strategic foundation to provide modern solutions, quality and reliability.

Their expertise extends beyond individual assets; Pavo Group engineers the backbone of secure operations. By integrating COMINT superiority, FPGA-based Cryptographic solutions, and Ruggedized Networking Infrastructure, the company ensures unbreakable connectivity and data integrity in the harshest environments. Whether securing borders, managing tactical intelligence, or deploying unmanned systems, Pavo Group empowers security forces with resilient, scalable, and mission-critical technology engineered for the future of security.

Pavo Group is part of Barzan Holdings' investment portfolio.

PAVO GROUP MAIN SECTORS

COMMUNICATION SYSTEMS

Pavo Group's vertical design expertise and capabilities are key drivers of its success in the communication sector. Its technical prowess enhances the security and efficiency of mobile communication systems through their cutting-edge innovations.

DIGITAL TECHNOLOGIES

Pavo Group provides innovative cutting-edge technological solutions, comprehensive tools and services designed to empower businesses, governments, and other stakeholders in navigating the complexities of the digital landscape. Through its investment in research and development, Pavo Group provides clients with the most advanced and reliable digital solutions.

DEFENCE & SECURITY

Pavo Group's commitment to innovation and understanding of the complex global security landscape places them at the forefront of technological advancements, offering clients the systems to address present and future threats and opportunities.

PUBLIC SAFETY

Pavo Group's Public Safety Sector is dedicated to advance the safety and security of nations through innovative technological solutions delivered through leveraging their deep expertise in law enforcement, integrated security, first responder, cyber security, and information technology. Pavo Group offers comprehensive tools and services designed to empower decision making for public safety leaders, subject matter experts and other stakeholders.



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PAVOGROUP

PRODUCTS AND SERVICES

CRYPTO DEVICE SETUP

Crypto Device Setup secures mission-critical communications by delivering low-latency, wire-speed encryption for voice, video, and data across diverse network infrastructures.



SWITCH / ROUTERS

Switches & Routers for harsh environments establish unbreakable connectivity in the field for mission-critical applications with our Rugged Router and Tactical Switch.



GÖKALP Drone

The Future of Precision Strike Redefine air superiority with GÖKALP, a heavy-lift drone designed for high-value target neutralization.



COMINT Device

Tactical Communication Intelligence Hardware: Deploy superior scanning and interception capabilities in any environment.



QORELA C2I

Command, Control, & Intelligence Software: Transform raw data into actionable intelligence with Qorela C2I, the brain behind tactical operations.



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