

CORPORATE BROCHURE

*Conquer The Elements
Gain The Advantage*



CEO MESSAGE



Today's battlefield poses a variety of challenges. The rise of asymmetrical warfare in urban settings and diverse operational requirements increases the need for military-grade vehicles with high levels of mobility and protection.

NIMR Automotive has adapted to meet the requirements of military and internal security forces in this fast-changing modern conflict environment. In a relatively short time, we have become the leading manufacturer of military vehicles in the Middle East and North Africa region.



At our headquarters in Abu Dhabi, the capital of the United Arab Emirates, we produce a diverse range of light to medium weight vehicles at a state-of-the-art manufacturing facility. Through a focus on world-class design and engineering excellence matched by strategic partnerships with global industry leaders, we have steadily grown our capabilities and range of products.

NIMR's competitive edge is defined by our ability to easily customise and modify vehicles to suit specific client requirements, even in mid-production because we understand the threats our clients face continually evolve and challenge them to adapt. Our vehicles are designed to integrate with a variety of mission systems to enhance crew effectiveness, situational awareness and military command and control, and incorporate the latest technologies to counter ballistic, blast and IED threats.

NIMR is poised to expand across multiple international markets. We are actively engaged in establishing new partnerships and growing our export base and seek global partners to facilitate technology transfer, localisation of production and support capacity development for the international markets. NIMR has a long-standing joint venture with Algeria, directly accessing the North African and Sahel markets and have partnered with a manufacturer to engage the European market.

Our business strategy is guided by a clear sense of purpose and value. At the core of this strategy is our 'People Excellence' culture. NIMR has built a high-performance team who will take the company to the next level through innovation and creativity. Representing more than thirty nationalities and more than forty years of international experience in military and commercial vehicle design, production and operation, NIMR's employees are the competitive advantage that will drive our future growth.

Dr. Fahad Saif Harhara
CEO - NIMR Automotive



ABOUT US



NIMR is the leading manufacturer of light and medium weight wheeled military vehicles in the Middle East and North Africa region. Based in the United Arab Emirates, NIMR vehicles are in service with a number of Armed Forces and have a reputation for versatility, ruggedness and performance. With a complete in-house design capability and modern production facilities, NIMR provides a total life-cycle solution for clients worldwide.

With a reputation for exceptional performance in the harshest operational conditions, NIMR vehicles provide the tactical mobility required to meet a diverse range of requirements on the modern battlefield. NIMR's diverse and modular vehicle range is based on our unique 4x4 and 6x6 chassis or a monocoque hull design, providing users the option to adopt several variants from a common driveline, in either soft-skin and armoured configurations.

Our engineering team brings a depth of military vehicle industry experience to the design of all our vehicles, using the latest materials and subsystems to meet the most demanding customer requirements. NIMR has grown its research and development division to bring cutting edge vehicles to market and advance the existing range. From addressing evolving operational requirements to incorporating customer feedback, field data and combat experience, NIMR offers its clients the latest developments to counter a wide range of threats.

Through comprehensive testing and trials, NIMR ensures that the vehicle range meets the latest international standards and is able to withstand the most arduous operational environments. NIMR is committed to providing Integrated Logistic Support (ILS), guaranteeing the





availability of spare parts for a minimum of 15 years. Combined with a commonality of components across the vehicle ranges, ILS provides a reduced logistic footprint, lowering overall life-cycle cost.

The modular design of NIMR vehicle platforms ensures that a variety of weapon and mission systems can be easily integrated, from basic pintle-mounted machine guns to fully remote weapon systems. Complete platform versatility enables NIMR to equip vehicles with the capabilities required for any operational scenario. This allows users complete control on the level of system customisation, aligning to existing capabilities or employing the next-generation technologies. In addition, our plug-and-play electronic architecture allows for the integration of C4I, ISTAR, ELINT, COMINT, SIGINT and user-specified communications systems.

With more than 2,000 vehicles in service, NIMR prides itself on consistently delivering the highest quality military vehicles and through-life support to our clients.

NIMR possesses a complete design capability, encompassing all aspects of military vehicle technology from driveline to protection systems. With a team of highly experienced military vehicle engineers drawn from around the world and using the latest design tools, NIMR engineering covers the full product lifecycle for military vehicles from conception to delivery and through-life support.



NIMR vehicles are designed to meet the most demanding duty-cycle requirement for on- and off-road performance in extreme environments. Unlike militarised commercial vehicles, NIMR vehicles are designed from the ground-up based on international military standards. As result, the service life of a NIMR vehicle spans 15 - 20 years, far longer than up-armoured commercial vehicles.





Through constant product improvement, innovation and analysis of industry trends, NIMR's in-house research and development applies advanced modelling techniques and simulation to incorporate new technologies, ensure continuous improvement of our vehicle fleet and integrate customer requests for the customisation of existing vehicles.

Some customer requirements, due to their unique nature, necessitate a new design or complete customisation of NIMR's existing solutions. NIMR's robust engineering team and process ensures that rapid prototyping, industrialisation and production can be tailored to specific needs, while maintaining the same high level of quality and reliability that has become synonymous with the NIMR brand.

By working closely with leading global suppliers of automotive systems, specialist technologies and quality materials, NIMR can guarantee

the best vehicle performance, reliability and protection.

NIMR's in-house prototyping provides rapid verification and validation for the design against the requirements for function and production build. Together with extensive trials in the UAE, NIMR uses international test facilities and certification agencies to validate the capabilities of NIMR vehicles.

FLEXIBLE PRODUCTION

NIMR integrates the latest technologies and processes throughout the manufacturing cycle in order to deliver consistent quality and high volumes of vehicles. Our facilities can maintain a production throughput of up to 5 vehicles per





TECHNOLOGY TRANSFER

day on a single shift with spare capacity on hand to ensure that NIMR can easily adjust production schedules to meet changing customer demands. As a result, multiple vehicle models and variants can be produced simultaneously on concurrent production lines.

A strong balance between automated processes and human capital further supports NIMR's flexibility to allow on-the-line changes, bespoke customisation and the ability to serve various customers simultaneously.

NIMR's new 37,500 square metres production facility is the largest military vehicle manufacturer in the region and competes with the largest international producers.

Supporting the modern production facility is NIMR's state-of-the-art fabrication facility based in Al Ain, which employs latest generation precision cutting and bending machinery. This allows NIMR to optimise production, control the throughput to the production facility and maintain the quality levels for which NIMR has become known.

Defence companies today face political and economic demands to develop indigenous industrial activity. This can be achieved through joint ventures for assembly and manufacture to full scale knowledge and technology transfer.

NIMR has significant experience in forming partnerships to meet these demands. In 2012, NIMR entered into a joint venture with the Algerian Ministry of Defence to produce the NIMR vehicle range. A local manufacturing facility was established in Algiers, with Algerian nationals employed to building vehicles from complete knock-down (CKD) kits supplied by NIMR as a first step towards Intellectual Property transfer.

More recently, NIMR entered into a collaboration with Czech manufacturer, VOP CZ to market the full range of NIMR vehicles across Europe with a specific focus on Czech Republic, Hungary, Poland and Slovakia. NIMR will provide an opportunity through this collaboration to localise production of vehicles at VOP's plant in the Czech Republic.

The longer-term benefit of these initiatives is realised in the development of skills, the creation of advanced engineering jobs and a sustainable manufacturing enterprise that is able to support customers with in-country capability.



LIFECYCLE SUPPORT



NIMR's services are underpinned by a comprehensive lifecycle support approach to integrated logistic support (ILS) and a full warranty for all in-service vehicles.

Constantly striving for excellence and delivering outstanding results

Integrated Logistics Support (ILS):

NIMR's ILS department performs in-depth analysis of client requirements, missions and deployment environment to identify product lifecycle maintenance needs and support packages. This ensures that both preventative and corrective maintenance forms the basis of vehicle support. By ensuring that all NIMR products are designed for field serviceability, demanding targets can be achieved.

- Logistic support analysis (LSA)
- Customer training
- Operator

- Maintenance
- Instructor
- Technical documentation
- Initial service kits and spare parts provisioning
- Special tools and test equipment (STTE)

CUSTOMER SPECIFIC DESIGNED SUPPORT PACKAGES INCLUDE:

- Maintenance strategy and concept
- Level of repair analysis (LORA) based on the vehicle architecture and existing customer maintenance infrastructure
- Maintenance task analysis (MTA)
- Maintenance plan development
- Reliability centred maintenance analysis (RCMA)
- Prognostics and health management (PHM)
- Training requirements analysis



ILS DELIVERABLES



IN-FIELD SUPPORT

Beyond standard and customer-specific ILS programmes, NIMR also provides in-field support. This includes a range of services, from mobile containerised workshops to NIMR technical support personnel deployed to the client's country or mission.

The deployment of NIMR personnel provides on-the-job training for vital skills transfer, enhancing confidence in product support and the ability to adapt to ad hoc maintenance requirements.

TRAINING

NIMR is able to offer comprehensive training at our dedicated training facilities. Alternatively, senior instructors can be provided to conduct in-country training to ensure familiarity of environment, procedures and chain-of-command. Training typically covers operator and maintenance personnel and includes both theoretical and practical application.



TECHNICAL DOCUMENTATION



Technical documentation is provided in any language and format required by the customer, either hard copy or Interactive Electronic Technical Publications (IETP).

Documentation covers the following areas:

- Operator Manuals and Service Book
- Maintenance Manuals
- Illustrated Parts Catalogue
- Training Manuals

INITIAL PROVISIONING

Following an analysis of the user requirement and deployment area, NIMR identifies the initial service kits and spare parts required for continued operability in the first year. Depending on customer requirements, NIMR is able to cover additional years up to the full product lifecycle.





DEVELOPMENT PROGRAMMES

The ever-changing operational environment often requires specific product development in order to meet bespoke needs. NIMR's engineering team is able to provide for the full design, development, production and post-design services. This will ensure that the configuration of the vehicles is controlled and all upgrades and modifications are tracked to maintain the complete technical data pack.

Such services typically include:

- Management and upkeep of the technical data pack applicable to the operational fleet, including component and assembly models and drawings, bill-of-materials and technical documentation.
- Configuration control.
- Technical support to ad-hoc enquiries.
- Obsolescence management.
- Upgrades and additional customization for additional systems fit, advanced armouring, mission specific equipment and other requested options.
- Proposals in response to requests for further design support for the users' vehicles.



MAINTENANCE, REPAIR AND OVERHAUL (MRO)



NIMR provides full Maintenance, Repair and Overhaul (MRO) services either within our facilities in Abu Dhabi or, where required, in the operational area. Our service infrastructure ensures that the NIMR fleet can be maintained at the highest levels of availability for operations. Beyond routine maintenance and repair, NIMR is also able to provide a comprehensive maintenance plan whereby we are able to assume full responsibility for all preventative and corrective maintenance, warranty claims and regular servicing. Typically, these services can include:

- Routine scheduled maintenance and servicing.
- Unscheduled maintenance and repairs.
- Field service teams to undertake maintenance in-country or in-mission.
- Comprehensive repairs.
- Upgrades, modifications and vehicle overhaul.



INVENTORY MANAGEMENT

Beyond the initial spare parts and service kit provisioning, NIMR can support users with a comprehensive electronic inventory management system. This allows for intelligent spares utilisation predictions, accurate inventory management and notifications to ensure timely ordering of replacement components.





SPARE PARTS SUPPLY

NATIONAL MANPOWER DEVELOPMENT

An integral element of NIMR's mission is to educate and empower the next generation of UAE nationals so that they can continue to contribute to the country's growing industrial sector.

Through the implementation of training programs, young nationals are encouraged to develop the skills and experience required to become valuable assets, integrated into all business operations. NIMR is committed in particular to stimulating interest in automotive engineering through knowledge transfer from experienced multi-national industry specialists, who train, shape and develop young national talent.

NIMR is proud to maintain our strong Arabic roots and heritage in the UAE as an important part of a modern, progressive, international company.



CORPORATE SOCIAL RESPONSIBILITY & SUSTAINABILITY

At NIMR, we are committed in our responsibility towards our employees, local communities and the environment in which we operate.

Through on-going contributions to educational and social programmes, in addition to reducing our carbon footprint, we strive to incorporate social responsibility into our daily routine.

COMMUNITY INVOLVEMENT

We support our employees with health and education initiatives, actively participate in blood donation schemes and sponsor local events. NIMR is committed to investing in the future of industry in the UAE through our National Development Programme; training and developing young UAE nationals within every area of the organisation.



ENVIRONMENTAL SUSTAINABILITY

We are committed to monitoring and improving our waste management and recycling practices through the adoption of reusable materials and reducing paper use. We encourage and expect the same from our global supply chain.



NIMR VEHICLES

NIMR RIV



The NIMR Rapid Intervention Vehicle (RIV) is a light 4x4 vehicle, enabling high-speed response to tactical situations in remote sites, either by fast ground transit or helicopter insertion both underslung or inside a CH-47.

The typical mission for the NIMR RIV is conceived using speed and mobility as the critical advantage

enabling the crew of 4 to traverse diverse terrain at high speed, both on and off-road, armed with up to 12.7 mm machine gun.

The NIMR RIV will carry under-body blast protection as standard and modular applique armour packs for ballistic protection.





AJBAN CLASS

The AJBAN Class of 4x4 vehicles provides a multi-purpose platform for all military requirements, from utility vehicles to fully protected patrol vehicles.

A universal 4x4 chassis is utilised for a common logistic footprint to minimise the burden of training, maintenance and spare parts management.

The AJBAN range is designed for exceptional mobility over diverse terrain to maintain a tactical advantage. Unlike militarised or up-armoured commercial vehicles, the AJBAN range is designed from the ground up and, as a result, have a greater product lifecycle than competitors.



HAFEET CLASS



The HAFEET Class of 6x6 vehicles provides a multipurpose platform for all military requirements, from utility vehicles to fully protected patrol vehicles. A universal 6x6 chassis is utilised for a common logistic footprint for the user to minimise the burden of training, maintenance and spare

parts management. All vehicles in the HAFEET Class can be protected, and specific protected models are included for crew survivability with fully tested and certified cabins.





J AIS CLASS

The JAIS Class of 4x4 and 6x6 mine protected multi-purpose vehicles bring together forty years of experience in protected mobility. The vehicle offers real survivability and tactical mobility in a rare balance that, together with significant internal volume and payload, enable multi-role application

and allows multiple customisation options. The cross-over nature of this vehicle class makes it the ideal choice for deployment in the volatile and unpredictable modern day theatre.





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