

COMPANY PROFILE

Al Efah Technologies delivers Technology based solutions for Military and Aerospace clients worldwide. With strategic partnerships with different Pakistani military and aerospace industries/organization, and international manufacturer, we provide diverse solutions related to the new system integration on platforms, we specialize in technology of Weapons Engineering, Avionics systems, Operational Support Systems, and Maintenance, Repair, and Overhaul (MRO) solutions. Our mission is to provide lifecycle support, foster long-term client relationships, and pioneer tailored innovations that prioritize safety, quality, and reliability.

MISSION

To advance defense and aerospace capabilities through technology-driven excellence.

VISION

Lead as the trusted partner in delivering safety-critical, reliable, and precision-engineered systems.

VALUES

Integrity: Qualify claims, honor commitments.

Innovation: Engineer solutions for tomorrow's challenges.

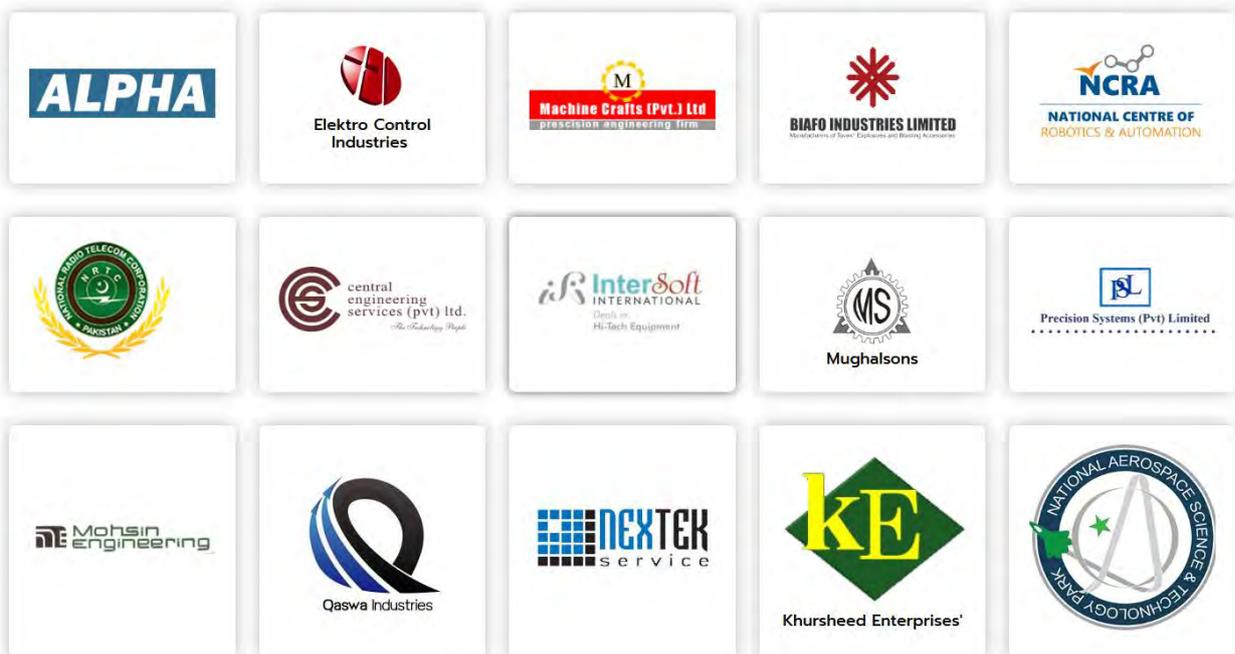
Excellence: Ensure quality in production and reliability in operations.

Why work with us

For our understanding of life solutions

- ☑ Design services
- ☑ Product qualification Program
- ☑ Data pack Industrialization Program
- ☑ Production certification Program
- ☑ Customer Training packages
- ☑ Product Reviews

Our Partner in manufacturing and R&D



Taking Pakistan Label internationally

Our company stands among the private exporters in Pakistan for Aerospace and military technology. We have proactively developed a dedicated team of agents worldwide to market our products. It is with great pride that we highlight the international export of our Explosive Ordnance Disposal equipment. In partnership with our consortium, we are now taking steps to enter NATO nations, which demand the highest standards of quality.



The promise of **Safety, Reliability, and Quality** is embedded in every Pakistani-made product we offer.



OUR TECHNOLOGY AREAS

1. Weapons' Engineering Technology - EOD

We provide comprehensive solutions in Explosive Ordnance Disposal (EOD) systems. We collaborate with local and global manufacturers to deliver customized solutions tailored to operational needs. In recent advancements, our engineering team has pioneered the integration of a bomb disposal disruptor onto UAV platforms, enabling aerial neutralization operations. We are also developing a EOD manipulator, EOD Robot and advancements in remote initiation systems.



2. Weapons' Engineering Technology - Air Weapons

We provide comprehensive, turnkey solutions for aerial weapons, encompassing the entire ecosystem from MK-80 series bombs and missiles to their associated suspension and release equipment. Our services include sourcing guidance kits, manufacturing forged components like bomb bodies and tail units, and arranging for explosive filling through certified partners to deliver mission-ready assets. Furthermore, we possess deep expertise in the integration of these weapons with aircraft pylons and supply a full range of fuses compatible with Standard NATO wells.



3. Weapons' Engineering Technology- Ground weapons

Alefah Technologies delivers advanced ground defense systems, rigorously tested and produced to meet the highest international standards. Our portfolio includes infantry-proven weapons, from RPG-7 rocket launchers and 40mm automatic grenade launchers to versatile 60mm and 81mm mortars, all designed for superior performance in diverse combat scenarios. Also, on our profile is precision artillery such as the forged 155mm M107 artillery shell, compatible with major NATO Howitzers.



4. Operational & Maintenance Support equipment

We specialize in operational support equipment for both aircraft and ground infrastructure, focusing on safe handling and transfer of explosives. Our solutions extend to back shops, storage areas, and field operations, ensuring seamless logistical and technical support.



5. Test equipment and Overhaul solutions

Al EfaH Technologies offers end-to-end MRO solutions, including the design of diagnostic and test equipment for functional, environmental, and safety compliance checks. Our capabilities encompass tooling, jigs, fixtures, and consumables, supported by dedicated workshops for munition and aircraft overhaul.



6. Unmanned Systems & Counter-UAS

The rapidly evolving domain of unmanned aerial systems (UAS) and counter-drone technologies is a focus for us. From advanced loitering munitions to comprehensive anti-drone solutions, we deliver these capabilities to meet modern battlefield demands. Through strategic collaborations with leading Chinese and Turkish OEMs, we facilitate access to world-class technology and are pioneering local production in Pakistan.



7. Blasting Explosives & Accessories

Your trusted partner for specialized explosives. We provide disposal-grade products for bomb squads to safely neutralize threats and commercial-grade explosives for mining, quarrying, and construction. Our focus is on maximum safety, precision, and performance, backed by deep industry expertise.



Why work with us

8. -Development-Qualification and industrialization Services

We transform concepts into certified, production-ready products through our structured, science-driven Model-to-Market process. We specialize in the demanding requirements of defense and aerospace for mission-critical products.

9. Our Services for product development:

- Advanced Modeling & Simulation:** We use leading software (ANSYS, COMSOL, etc.) to virtually validate designs against physical laws, reducing prototype needs.
- Rigorous Qualification:** We ensure your product meets global standards (MIL-STD, STANAG, IEC....) through rigorous testing and certified lab partnerships.
- Technical Data Package (TDP):** We deliver a complete manufacturing blueprint with all specs, drawings, and QA instructions.



- d) **Industrialization:** We support scale-up with QA systems and production tests to ensure every unit matches the prototype's quality (ISO 9001, AOPs)
- e) **Systems Integration & Qualification:** We specialize in the end-to-end integration and modernization of land, air, and sea military platforms, transforming legacy systems into networked, multi-role assets to maintain tactical superiority. Our comprehensive capabilities include program management and systems engineering to de-risk complex upgrades from conception to certification.
- f) **Industrial Collaboration & ToT. :** We guide and assist our partners in establishing local manufacturing, managing complete Transfer of Technology (ToT) programs. This includes structured progression from initial co-production and Completely Knocked Down (CKD) kits, through indigenization (deletion programs), to future upgrade and development cycles. Our long-term vision is to become a leading exporter of high-performance military drones.

Ongoing / Recently Completed Projects

	Project title	Client
1.	Sale of MK-84 Aircraft bombs to ROKAF	Republic of Korea Air force
2.	Sale of demolition initiation systems	Pakistan Army, Malaysian Air Force Saudi Arabian Border Guard, RAB Forces Bangladesh, NESCOM Pakistan, Master-General of the Ordnance Nepal
3.	Explosives Cartridges for bomb disposal	Malaysia Navy, Malaysian Air Force
4.	Sale of Detonators 4m wire leg	Sri Lanka Navy
5.	Lug Suspension MK-80 aircraft bombs	Pakistan Air Force, Manufacturing partners in Vietnam and Turkey
6.	Bomb disposal explosive disruptors	Bangladesh Army
7.	Loitering drones Warhead solutions	Pakistan Air force
8.	Supply of Chaff and BBU cartridges	UAE Air force
9.	Sale of Anti drone system	Pakistan Army
10.	Sal of Quad rack	Pakistan air force
Development projects		
11.	Development of Case for the Flare cartridges	Precision Engineering Complex Pakistan
12.	Development of Cartridges	NRTC Pakistan
13.	Cartridge based Long range guided weapons Wing opening system.	Military industry of Pakistan
14.	Folding suspension lugs	Military industry of Pakistan
15.	EOD manipulator	Pakistan Army in collaboration with NCRA
16.	Electronic detonators	BIAFO industries Pakistan
17.	Development of warhead for attack drone	In consortium with Machinecrafts Pvt Ltd
18.	Development of enhance performance PK-80 series bombs	In consortium with Machinecrafts Pvt Ltd

