



ARIAN INDUSTRIES
BANGLADESH LTD

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**HOMELAND SECURITY AND DEFENSE
PRODUCT PORTFOLIO**

ABOUT US



We are a dynamic company multi-faceted company bringing specialized expertise to create impactful, innovative, and high-value solutions across multiple industries.

Comprehensive Turnkey Solutions

Arian Industries Bangladesh is a turnkey solutions provider catering to every industry, offering end-to-end project management, industrial supply chain solutions, and financial structuring.

Our expertise extends to high-tech defense and homeland security, supplying advanced surveillance, cybersecurity, and military-grade equipment to safeguard national security interests.

Our Mission

We are dedicated to delivering excellence, innovation, and reliability across energy, finance, industry, and security. By combining our expertise, we provide comprehensive, future-ready solutions that empower industries, drive economic growth, and enhance national resilience.

Let's build the future together.

Our Expertise

We specialize in delivering high-impact solutions across key sectors, driving innovation, security, and sustainable growth. Our expertise spans across energy, investment, healthcare, hospitality, and advanced security solutions, making us a trusted partner in nation-building and industrial transformation.

Energy Solutions – Powering the Future

We are a key player in the petroleum and energy sector, providing cutting-edge energy solutions that ensure efficiency, reliability, and sustainability.

- Refinery & Oil Derivative Supply – Expertise in oil refining, storage, and distribution of high-quality petroleum products.
- Clean Energy – Investment in renewable energy projects, including solar, wind, and green hydrogen to support global sustainability goals.

Strategic Investments – Driving Growth

Through our partners, we facilitate high-value investments across multiple sectors, unlocking strategic opportunities for growth and development.

- Healthcare – Financing and developing state-of-the-art hospitals, medical technology, and specialized healthcare projects, ensuring advanced medical infrastructure.
- Hospitality – Investment in luxury hotels, resorts, and hospitality infrastructure, fostering tourism and economic development.
- Infrastructure & Industrial Projects – Structuring investments in large-scale industrial and infrastructure projects, driving national progress.

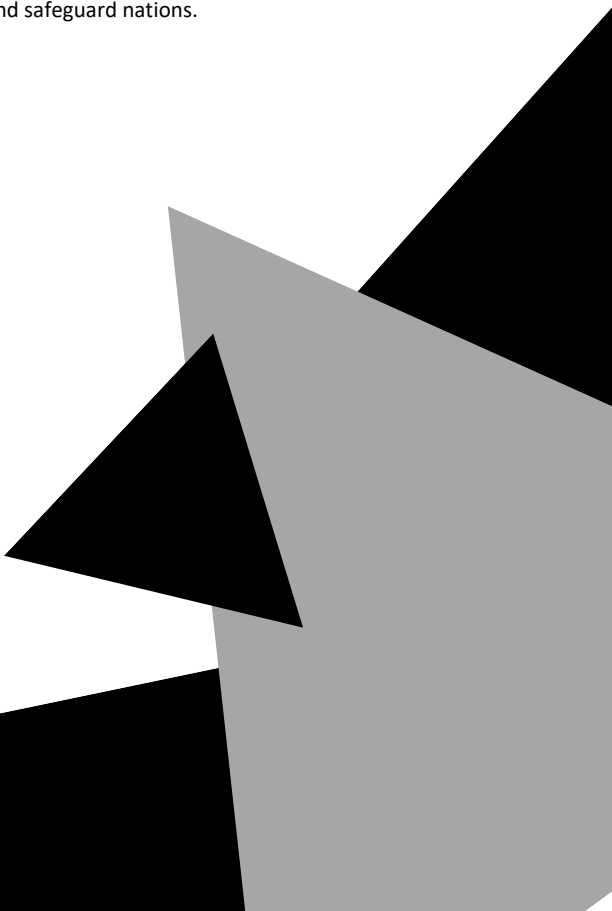
Advanced Security & Defense Solutions – Strengthening National Security

Arian Industries Bangladesh is a trusted supplier of super high-tech security and defense solutions, equipping nations with the latest in modern defense technology.

- Non-Intrusive Screening – Advanced cargo and passenger screening systems for airports, ports, and border security.
- Unmanned Solutions – Autonomous surveillance, UAVs, and robotic defense systems for enhanced operational efficiency.
- Counter-Unmanned Aerial Vehicle (CUAV) Solutions – Cutting-edge anti-drone technology for airspace security.
- Armored Vehicles – Supply of tactical armored vehicles for law enforcement, military, and VIP security.
- Arms & Ammunition – Providing next-generation defense technology, including precision weaponry and munitions to ensure operational superiority.

Our Commitment

We are committed to delivering excellence, innovation, and security through our diversified expertise. By integrating energy, investment, healthcare, hospitality, and defense solutions, we provide sustainable, future-ready solutions that empower industries and safeguard nations.



OUR PARTNERS



NON INTRUSIVE SCREENING

Arian Industries Bangladesh is a trusted provider of advanced Non-Intrusive Screening (NIS) solutions, delivering cutting-edge security and inspection technologies. Through strategic partnerships with Varex and SeeThru AI, we offer state-of-the-art solutions tailored for border security, critical infrastructure protection, and cargo inspection.

Varex Imaging Solutions:

- Industry-leading X-ray imaging technology
- High-resolution digital detectors for precise threat detection
- Scalable solutions for baggage, cargo, and vehicle screening
- Proven performance in security and industrial applications

SeeThru AI Solutions:

- AI-powered image analysis for automated threat detection
- Enhanced material discrimination using advanced machine learning
- Real-time anomaly detection for faster and more accurate inspections
- Seamless integration with existing security infrastructure

By combining Varex's superior imaging technology with SeeThru AI's intelligent analytics, Arian Industries Bangladesh ensures next-generation screening solutions for enhanced security, efficiency, and reliability.



- OEM of Linear Accelerators
- 70+ Years in the field of X-ray imaging
- Global supply and service presence
- Innovator in X-ray imaging
- Experts in security and screening in ports and borders

Arian Industries Bangladesh are authorized distributors



- Pioneer in Backscatter technology
- Introduced Nano-dose in live screening of vehicles
- AI-driven inspection
- World renowned R&D team for constant development
- Arian Industries Bangladesh are authorized distributors

VXP-6 (PORTAL)

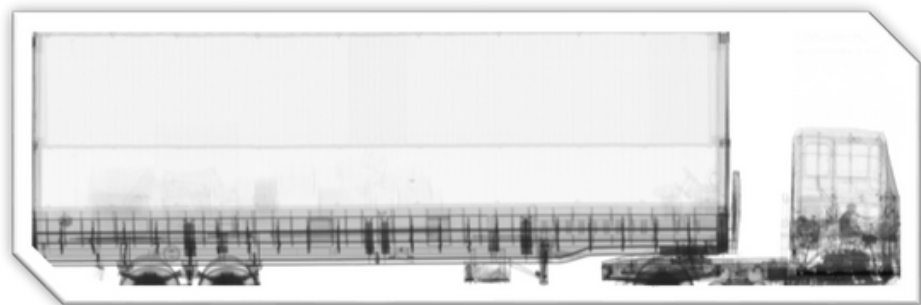
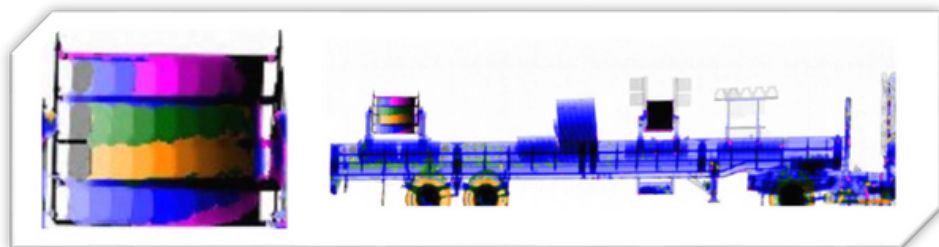
Key Product Features

- 6 MeV Mi6SSM (Interlaced Solid State Modulator)
- 330+ mm steel penetration capabilities.
- 120 Vehicles per Hour Screening Capabilities. (40 FT ISO Containers)
- Dual Energy Material Discrimination Capabilities.
- 1 mm wire resolution in air.
- 3 to 4 mm spatial resolution.
- 1% contrast resolution.
- ANSI Standard Radiation Complied. Safe for operators and drivers.
- AI Detection



Use Case

- Border Crossings to secure from smuggling of narcotics, explosives and human trafficking. Fixed Set Up constantly scanning trucks, containers 24/7 with high throughput.



VXM-6 (Mobile)

Key Product Features

- 6 MeV Mi6SSM (Interlaced Solid State Modulator)
- 330+ mm steel penetration capabilities.
- 120 Vehicles per Hour Screening Capabilities. (40 FT ISO Containers)
- Operation in both portal and drive-by mode
- Dual Energy Material Discrimination Capabilities.
- 1 mm wire resolution in air.
- 3 to 4 mm spatial resolution.
- 1% contrast resolution.
- ANSI Standard Radiation Complied. Safe for operators and drivers.



Use Case

- Border Crossings to secure from smuggling of narcotics, explosives and human trafficking. Mobile System enables Border Guard to move vehicle to any border necessary and set up sudden checkpoints.



X-Gate (Backscatter Car Scanner)

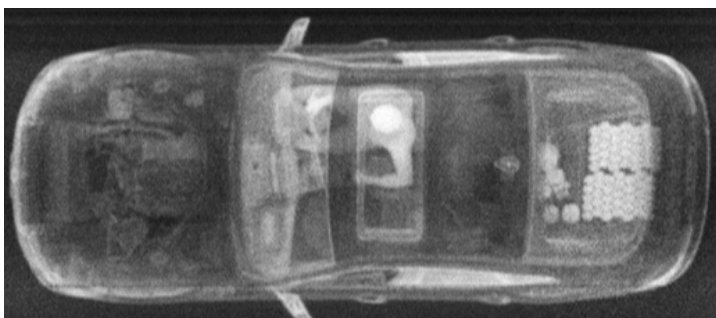
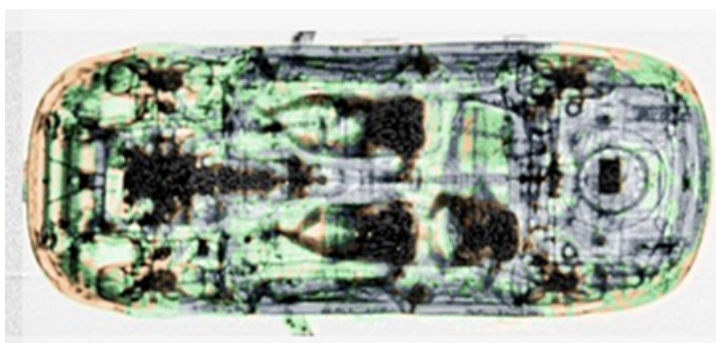
Key Product Features

- AI algorithms for detecting weapons of mass destruction, hidden contraband, explosives, and more.
- Data can be archived and images of the same vehicle can be stored and re-called during new scan to analyze anomaly through Artificial Intelligence.
- Superior steel penetration with lowest dose using Nano-dose technology.
- LPR can keep database of images against license plates and can compare images from the past and present scan.

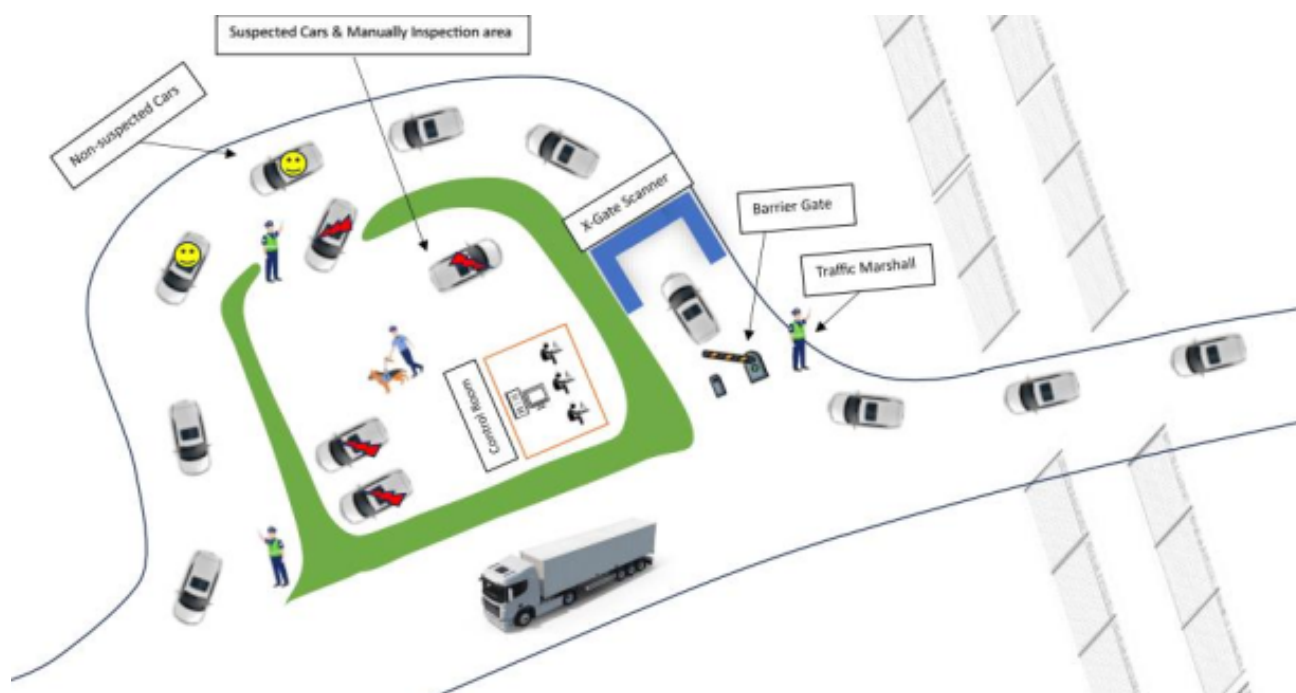


Use Case

- Border Crossings to secure from smuggling of narcotics, explosives and human trafficking. Scans cars and busses with a steady flow of traffic.



Concept of Operations



X-Van

(Mobile Backscatter Car Scanner)

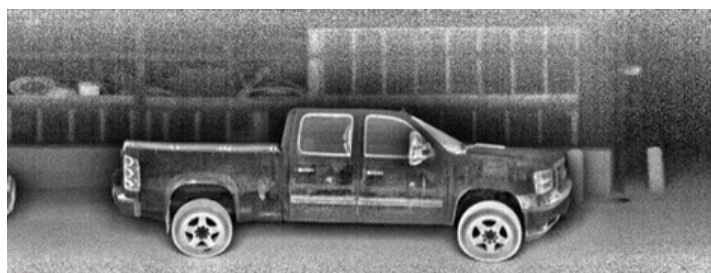
Key Product Features

- Capable of scanning vehicles in a drive-by or stationary mode.
- AI algorithms for detecting weapons of mass destruction, hidden contraband, explosives, and more.
- Superior steel penetration using Nano-dose technology.
- Number plate recognition for vehicle identification and archiving.



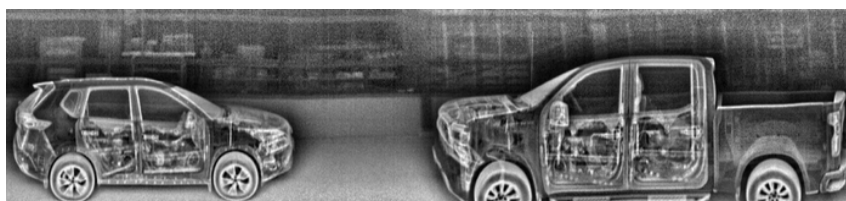
Use Case

- Border Crossing to create checkpoints to scan cars and buses to stop smuggling of explosives, narcotics and human trafficking. Mobile operation allows scanner to be relocated.

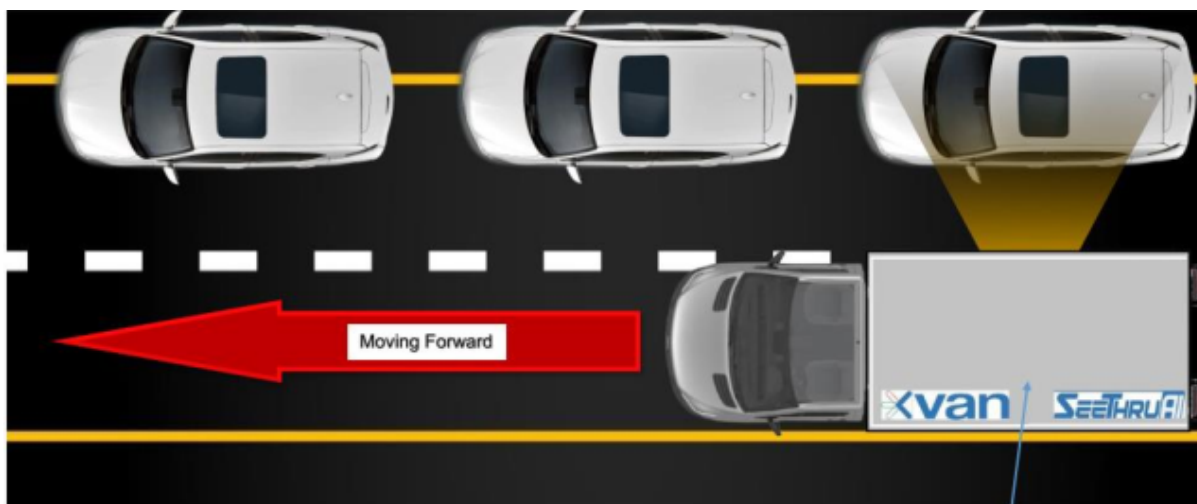


Optional Modifications

- Jammers
- IMSI Catcher
- Facial Recognition
- LPR
- Anti Drone Systems



Concept of Operations



X-VAN Mobile Backscatter Scanner

Unmanned Technology

Arian Industries Bangladesh is at the forefront of UAV technology, delivering mission-specific, fully customized UAV solutions for any scenario. By partnering with industry leaders EdAir and RV Connex, we integrate cutting-edge capabilities to meet diverse operational needs.

EdAir Capabilities:

- Advanced UAV design and manufacturing
- High-endurance and long-range UAV platforms
- AI-powered autonomous flight systems
- ISR (Intelligence, Surveillance, Reconnaissance) solutions
- Multi-mission payload integration
- Armament Payload Capabilities
- 3D Mapping and Geofencing
- Secure communication and data link solutions
- Starlink compatibility for unlimited range
- VTOL Options
- UVG and USV capabilities as well
- Unmanned Helicopter



RV Connex (RVC) Capabilities:

- Combat-proven UAV systems for defense and security applications
- Electronic warfare and counter-drone technology
- Precision strike and tactical UAV development
- Secure communication and data link solutions
- UAV maintenance, training, and operational support



Counter Unmanned Aerial Vehicles (C-UAV)

Arian Industries Bangladesh provides cutting-edge Counter-UAV (CUAV) solutions, leveraging partnerships with EdAir and other leading manufacturers to address modern aerial threats. Our integrated C-UAV systems are designed for military, critical infrastructure, and homeland security applications.

EdAir Capabilities in C-UAV Solutions:

- Advanced detection and tracking systems for hostile UAVs
- AI-powered autonomous detection, interception and neutralization
- Electronic warfare solutions, including RF jamming and spoofing
- Kinetic and non-kinetic countermeasures for layered defense
- Modular and scalable solutions for fixed, mobile, and tactical deployment
- Very long range solution (3 KM +)
- Defeat range (1 KM +)
- Drone Locator
- Omni Directional
- Can be fixed or vehicle mounted for wide range mission specifics



FURTHER CAPABILITIES

We deliver mission specific solutions tailormade to our clients operational needs.

Intelligence Products:

- OSINT, SIGINT, HUMINT, and GEOINT solutions
- Secure data analytics and real-time intelligence platforms
- AI-driven threat analysis and predictive modeling



Technical Surveillance Countermeasures (TSCM):

- Detection and neutralization of covert surveillance threats
- Advanced RF spectrum analysis and counter-espionage tools
- Protection against electronic eavesdropping and cyber threats

Arms and Ammunition:

- Supply of small arms, precision rifles, and heavy weaponry
- High-performance ammunition for various mission requirements
- Compliance with global standards and military-grade reliability



Tactical Gear:

- High-performance combat and operational gear
- Night vision, thermal imaging, and communication systems
- Customizable loadout solutions for special forces and law enforcement



Armor and Armored Vehicles:

- Ballistic armor for personnel, vehicles, and infrastructure
- Tactical and military-grade armored vehicles for various terrains
- Integration of active protection and surveillance systems



EOD (Explosive Ordnance Disposal) Solutions:

- Advanced bomb disposal robots and detection equipment
- Counter-IED (Improvised Explosive Device) solutions
- Protective gear and training for EOD personnel

Surveillance Solutions:

- UAVs, EO/IR cameras, and AI-based monitoring systems
- Secure command and control (C2) centers
- Mobile and fixed surveillance units for critical operations

Specialized Training Programs:

- Tactical and combat training for military and security forces
- Cybersecurity, intelligence analysis, and counterterrorism programs
- Customized courses in EOD, TSCM, and surveillance operations



**ARIAN INDUSTRIES
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TALK TO US

***205/1-A, Gulshan Link Road, Tejgaon C/A
Dhaka-1208, Bangladesh.
info@arianindustriesbdltd.com***