



Liberty Defense

NASDAQ:DETX | TSXV:SCAN

May 2026

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NEXT GENERATION SECURITY DETECTION

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Estimates, projections and other information concerning our industry, including the size of the security screening market and explosives and weapons detection market, are based on information from third-party sources and management estimates. Although the Company believes that these third party-sources are reliable, the Company cannot guarantee the accuracy or completeness of these sources. The Company's management's estimates are derived from third-party sources, publicly available information, the Company's knowledge of its industry and assumptions based on such information and knowledge. The Company's management's estimates have not been verified by any independent source. All of the projections, estimates, market data and industry information used in this Presentation involve a number of assumptions and limitations. In addition, assumptions and estimates of the Company and its industry's future performance are necessarily subject to a high degree of uncertainty and risk due to a variety of factors.

MISSION



Protecting communities & preserving peace of mind through next generation weapons detection solutions



Transportation Security Administration



PEOPLE

- Deep domain expertise in security & threat detection
- Designed & deployed threat detection technology globally for 30 years



PRODUCTS

- HEXWAVE™ MW scanner and High-Definition AIT disruptive technology
- \$6M TSA Investment and \$40M+ invested in technology



POTENTIAL

- Total Addressable Market: \$11B → \$22B ¹
- Market need for non-metallic weapons detection



¹ Future Market Insights, Inc, Security Screening Market Forecast and Outlook 2026-2036

THREATS OF TODAY & TOMORROW



An urgent need exists to advance weapon detection security to protect against emerging risks

Current Climate

- The security screening market is valued at US \$11B in 2024 and is projected to reach US \$22B by 2036 ¹
- DHS \$1B modernization plan
- Terrorism and geopolitical tensions among several countries are on the rise
- There were greater than 500 mass shootings in 2024 in the US alone and already 51 in 2026.

Emerging Risks

- Advancements in 3D printing technology enable ability to print functioning weapons from plastic composites: Ghost Guns
- Undetectable by conventional metal detectors



Future Needs

- Urgent need for detection which surpasses the development of advanced threats
- Needs to be fast, adaptable and non-invasive



Liberty
Defense

¹. Future Market Insights, Inc, Security Screening Market Forecast and Outlook 2026-2036
². Gun Violence Archive

OUR SOLUTIONS



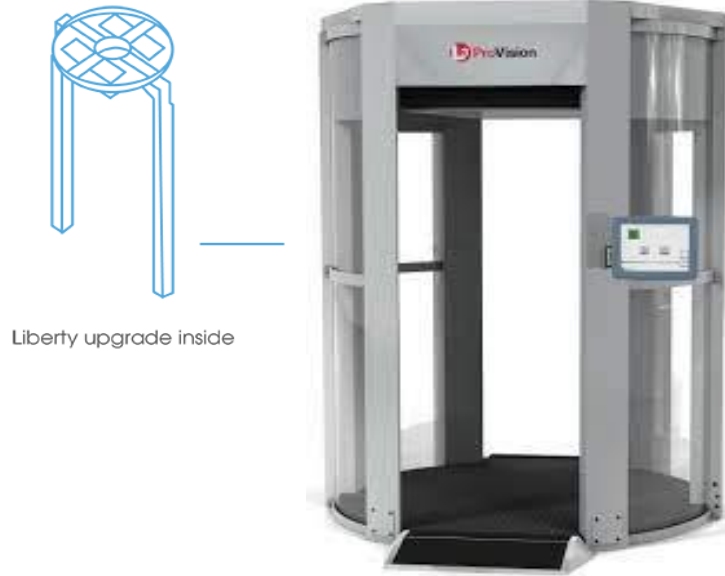
Introducing our proprietary, non-invasive weapons detection technology

- **Flagship HEXWAVE™** mobile walkthrough scanner identifies potential threats
- **HD-AIT Upgrade Kit** replaces outdated technology at TSA checkpoints
- **AI technology** provides rapid, non-intrusive scanning and threat detection

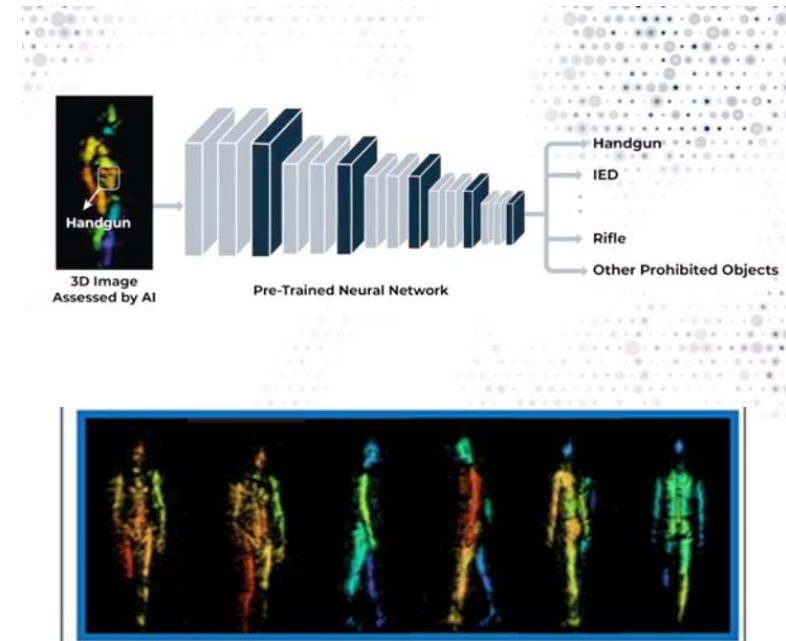
HEXWAVE



HD-AIT Upgrade Kit



AI Technology



HEXWAVE-AI ENABLED

FCC Equipment Certification Approval
for indoor/outdoor use



=

Antenna
Array
& Transceiver

+

3D Radar
Image
Reconstruction

+

Automatic
Threat
Detection
AI & Deep
Learning

+

Smart IoT
Functionality

Captures
real-time data

Convert captured data
into 3D radar images

Interprets the data and
3D radar images with AI

Provides connectivity to
existing security systems

EMIT



Low power signal
is transmitted to reflect
off the individual

CAPTURE



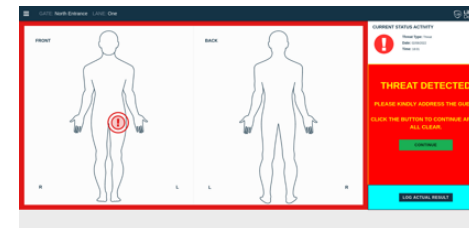
Each standalone unit
captures **reflected signals**

RICH DATA AI



~400,000 datapoints
create a **3D image**

INTERPRET



Artificial intelligence
models interpret rich data and
provide go/no-go decisions

ACTION



Smart IoT functionality allows
notification & interaction with
existing infrastructure

TSA UPGRADE KIT



TSA Upgrade Kit developed to replace aging HD-AIT systems currently in use in airports throughout North America and around the globe.

Our HD-AIT Upgrade kits provide:

- ✓ Improved imaging capability to detect new and emerging threats
- ✓ Inexpensive replacement alternatives

Currently under review in the Transportation Safety Lab

Contract option exercised by TSA in December 2025 for completion of design improvements

KEY FEATURES

➤ Open Architecture Platform

- TSA identified “best in class” partners for optimal performance
- Meets new detection standards issued by Homeland Security

“We will be putting over \$1 billion into new scanning equipment, new X-ray equipment, [Advanced Imaging Technology] equipment” – Kristi Noem



MANAGEMENT & DEVELOPMENT TEAM



Leaders in the security industry, product development, technology and manufacturing

TEAM

- Led by a **seasoned leadership team** in **security & product development, management, and corporate finance**
- Supported by Board of Directors and advisors who provide extensive **market access**

OUR EXPERIENCE



BILL FRAIN
CEO

Former SVP of L3 (LHX-NYSE)



BRYAN CUNNINGHAM
President

Lawyer, security expert, former CIA officer, and tech executive



JEFFREY GORDON
CTO

Engineering leader with 35+ years experience in security



IAN MCNAUGHTON
Sr. Director BD

Senior sales leader with 25+ years experience in security



MATT JOHNSON
DHS Strategy

Senior Leader for Aviation and Security Applications for TSA



BOARD OF DIRECTORS



JASON BURINESCU
Executive Chairman

Senior operating executive and Managing Partner of Vision Equity Partner Solutions



BILL FRAIN
CEO/ Director

Former SVP of L3 (LHX-NYSE)



LINDA JACKSTA
Independent Director

Customs & Border Protection Executive 35 years experience



WILL HAMILTON
Independent Director

Partner and portfolio manager at Kestrel Merchant Partners



ARJUN GREWAL
Independent Director

CEO of Arctic Training Centre and 19-year Veteran of the Canadian Armed Forces.

INDUSTRY PARTNERSHIPS

Global Distribution Network



TSA is investing in Liberty Defense for enhanced detection performance



Transportation Security Administration

US\$6M
Grants to date



VIKEN
DETECTION

MIT and Pacific Northwest National Labs chose Liberty to commercialize the technology

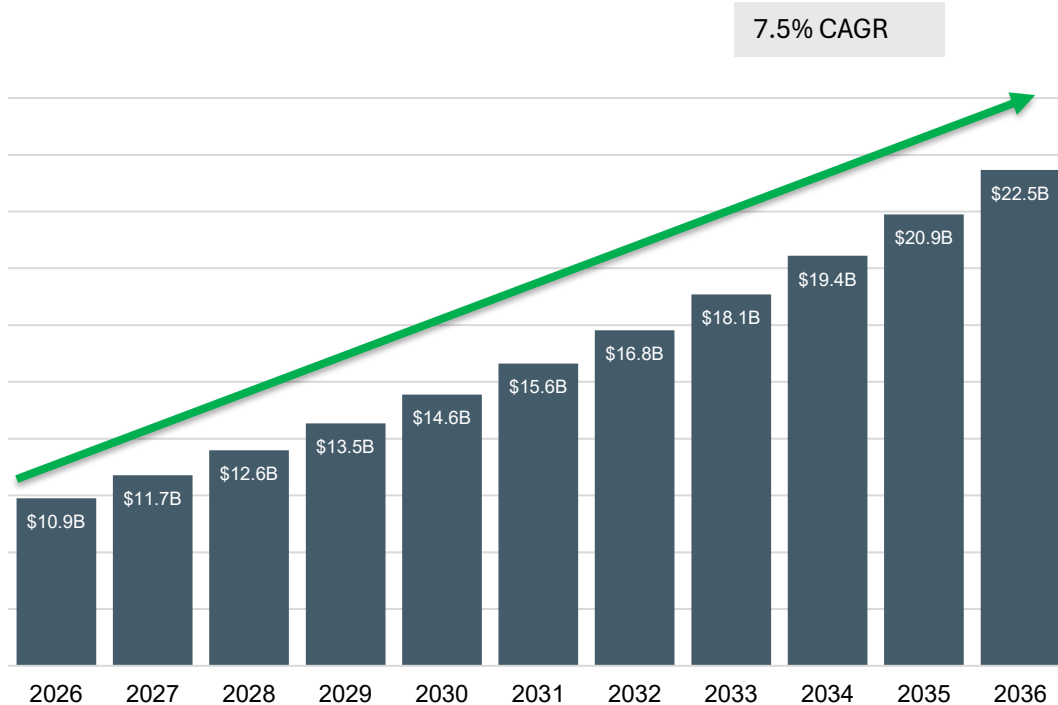


MARKET OPPORTUNITY

A multibillion-dollar opportunity exists in the North America Physical Security Market



Security Screening Market Growth



Demand Drivers – Regulatory Tailwinds

- **2024 TSA Employee Screening Mandate**
- **2025 DHS \$1B TSA Modernization Plan**
Federal investment in advanced screening upgrades highlighting Advance Imaging Technology (AIT)

Number of Possible Screening Applications

Federal US Airport Screening Lanes ²	2,500+
Correctional Facilities ³	6,000+
Distribution Centers ⁴	14,500+
Federal Government (Estimate)	125,000+
Hospitals ⁶	6,000+
Schools ⁷	130,000+
Sports & Entertainment Venues ⁸	12,000+

2. Transportation Security Administration (TSA) Breaks Record for Most Individuals Screened on a Single Day, Readies for Record Breaking Independence Day Travel Volumes

3. SJIA Security Journal Americas: How many correctional facilities are in the United States

4. Industry Estimate-Brush Pass Research

6. American Hospital Association (AHA) fast facts on US hospitals 2026

7. Agile education marketing

8. Smart Scrapers, List of sports complexes United States

TSA AVIATION WORKER SCREENING

Insider threat poses a real risk with the potential for employees to exploit secure access and insider knowledge to smuggle contraband and weapons

- TSA mandates call for planning and rapid adoption of next generation, open architecture technology
- HEXWAVE’s portability allows for use at multiple entrances to push the security perimeter out

MARKET OUTLOOK¹

Airport Category	# of Airports	Average Operating Time (Hours/Week)	Average # of Screening Systems/Airport	Total Minimum # of Screening Systems
X	27	160	7.7	208
I	57	75-90	3.8	217
II	89	36-50	1	89
				514

1. This Market Assessment was conducted by an outside consulting firm using a bottoms-up approach, estimated operating time requirements are based on total badged population, SIDA access control points, passenger enplanement and number of terminals were factored into estimations of minimum-security screening systems needed to meet requirements. This Market Assessment was initially provided in 2023, and has since been updated to reflect latest discussions with the firm.

We Estimate a \$50M OPPORTUNITY

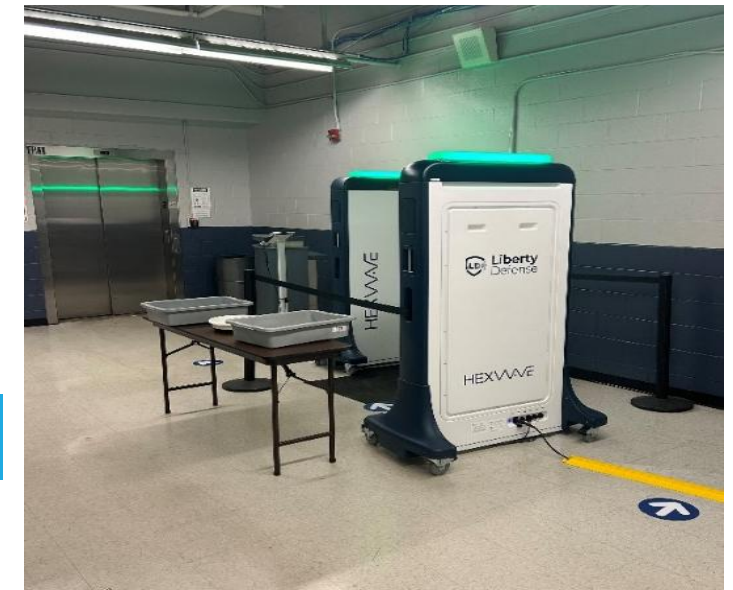
Category X: A designation used by the **Transportation Security Administration (TSA)** to identify the largest and busiest airports in the US

Category I: Large airports with significant traffic but generally fewer enplanements than Cat X.

Category II: Medium to small community airports with lower traffic volumes



Manchester Airport



Rochester Airport

COMPETITIVE LANDSCAPE



HEXWAVE System's features provides detection solution on the market

	Liberty Defense	Thruvision	Rohde & Schwarz	Rohde & Schwarz	Evolv	Tek84
Model	HexWave	LPCDD	QPS201	QPS Walk2000	Express	Defender
Divestiture of Outer garments	No	Yes	No	No	No	Yes
Metal Threats	Yes	Yes	Yes	Yes	Yes	Yes
Non-Metal Threats	Yes	Yes	Yes	Yes	Limited	Yes
Sensor Type	Millimeter Wave	Terahertz (Heat Sensor)	Millimeter Wave	Millimeter Wave	Smart Metal Detector	X-Ray Backscatter
Frequencies	6 GHz - 10.6 GHz	250 GHz	70 GHz - 80 GHz	10 Hz - 30 Hz	50 Hz - 60 Hz	N/A
Scan time	real-time	real-time	2.5 seconds	real-time	real-time	7 seconds
Throughput (persons/h)	~ 700	~ 1200	~ 300	~ 750	~ 3600	~ 300
Movable	Yes	Yes	No	No	Yes	No
Indoor / Protected Outdoor Usage	Both	Indoor	Indoor	Both	Both	Indoor

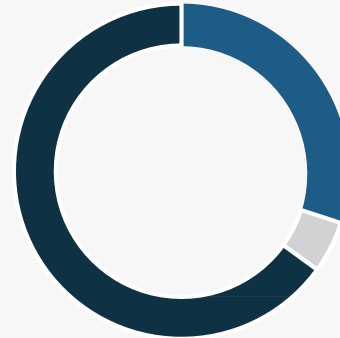
BUSINESS MODEL



REVENUE STREAMS

Hardware Sales

- Units deployed individually or as portal configuration
- HEXWAVE ASP - \$100,000
- HD-AIT Upgrade Kit target pricing - \$125,000



Maintenance & AI Updates

- 3–5-year maintenance plan including software and AI updates incurring annual revenue stream

Implementation

- HEXWAVE can be used as a standalone system or integrated into existing security platforms
- Implementations will vary from basic to more fully integrated

MARGINS

- Product margins improving
- Volume, technology curve, and value engineering will further enhance margins

MARKET

- Initial focus will be on the Americas but there is an international need
- Key partners in place combined with direct sales
- Amsource Capital engaged to facilitate large and small ticket leasing and financing of HEXWAVE

BUSINESS UPDATE



Recent Contracts:

- JFK Airport, New Terminal One: 2
- US Major International Airport: 2
- Capitol Buildings/Northeast: 3
- Point Security/Birmingham: 3
- Bogota, Columbia: 1
- MIT LL Program for Mass Transit (Integration)
- Active Aviation Worker Screening quoting several US airports
- Major demonstrations conducted in the last 30 days across multiple verticals (Gov't Agencies, Corrections, Loss Prevention)
- Installed HD-AIT Upgrade Kit at TSL in August.

HEXWAVE Installations

- Los Alamos National Labs
- Greater Toronto Airport Authority
- Manchester Airport
- Birmingham Airport
- Rochester Airport
- Malaysia
- MIT Lincoln Labs (High Speed Transit)
- TSA
- Netherlands – GRASP Technologies
- Bogota, Columbia (Theatre/Concert venue)
- Chile (Correctional Facility)
- Palm Springs Airport
- US Infectious Disease Lab



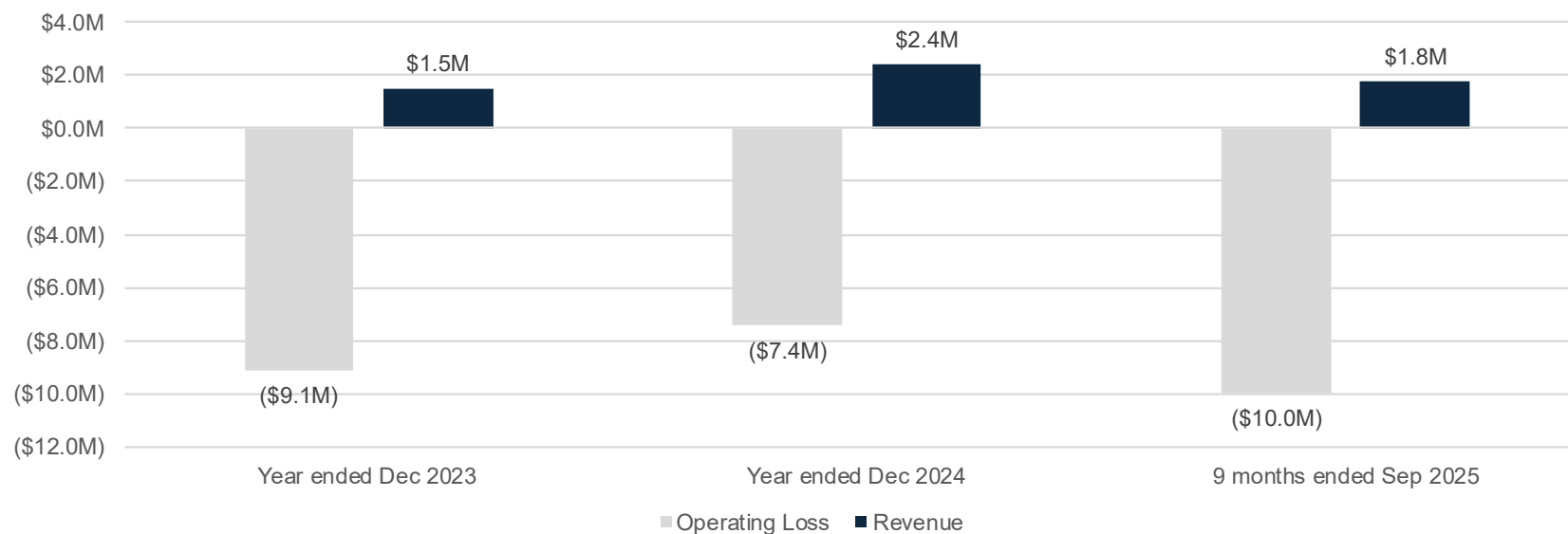
Transportation
Security
Administration



CAPITALIZATION STRUCTURE¹ (April 2026)



Nasdaq:DET X ; TSXV: SCAN	
Shares Outstanding	5,657,941
Warrants Outstanding	811,442
Pre-Funded Warrants Outstanding	770,807
Options	110,834
RSU's	15,421



¹ As of April 28, 2026

WHY LIBERTY DEFENSE



- ▶ **Leadership:** Developed and Deployed comprehensive security systems on a global scale.
- ▶ **TAM:** \$11B → \$22B¹ by 2036, shifting to **comprehensive full body threat detection**
- ▶ **Technology:** Millimeter Wave is a proven technology with enhanced **A.I.** performance
- ▶ **Products:**
 - **HEXWAVE** deployed in leading airports, correctional facilities, universities, courthouses, labs
 - **HD-AIT** upgrade kit delivered to TSA in August, **\$100M** opportunity
- ▶ **Investors:** TSA invested **\$6M** sole source in Liberty for enhanced detection
- ▶ **Partners:** MIT & Pacific Northwest National Labs chose Liberty to commercialize
- ▶ **Distributors:** Rapiscan (OSI), Point Security, Isotec Security, Linev Systems, K2, Grasp
- ▶ **USA:** Engineered & Manufactured in **USA**

Protecting communities & preserving peace of mind through next generation weapons detection solutions!



Together we can build a safer future

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