



Liberty Defense is a leader in next generation, walk-through threat detection to detect concealed weapons and threats. With licensed technologies from leading security and defense research institutions like MIT, Liberty Defense's experienced management team is deploying its HEXWAVE contactless security portals to public and private spaces to solve the challenging problem of screening for metallic and non-metallic firearms, explosives and IEDs.

TSXV: SCAN | OTCQB: LDDFF | FRA: LD2A

Fact Sheet September 2024

## Share Structure *(as of Aug 14, 2024)*

Market Value @ US\$0.07	US\$12M
52 Week SP Range	US\$0.03-0.16
Shares Outstanding	166,833,412
Warrants	60,267,401
Options	6,225,000
RSUs	6,118,250
Fully Diluted	239,444,063

## Management & Board

**Bill Frain**  
CEO & Director

**Daryl Rebeck**  
Executive Chairman & Director

**Mike Lanzaro**  
President & COO

**Omar Garcia**  
CFO

**Jeffrey Gordon**  
VP Engineering

**Jay Adelaar**  
SVP Capital Markets

**Linda Jacksta**  
Independent Director

**Arjun Grewal**  
Independent Director

## Liberty Defense Headquarters

Greater Boston Area  
187 Ballardvale St, Suite 110  
Wilmington, MA, 01887, USA

## Key Highlights

### ❖ Next Generation Security Technologies

- **HEXWAVE™**
  - Walk-through security portal detecting metallic and non-metallic threats
  - Proven technology using Millimeter Waves (MMW) and Artificial Intelligence (AI) to enhance performance
  - High Throughput; Ease of Use; Contactless. Mobility
- **HD-AIT – High-Definition Advanced Imaging Technology**
  - Body & Shoe Scanner Technologies
  - Next generation checkpoint (arms down, enhanced imaging detection)
  - Upgrade airport checkpoint screening with TSA support

### ❖ +\$40M invested to de-risk the technology and prove-out market applications

### ❖ Sales Growth

- 2023: Achieved target of +30 units
- 2024: Targeting +120 units

### ❖ Trusted Partners to Support Sales Growth

- **Transportation Security Administration (TSA)** selected Liberty over direct competitors for enhanced detection performance in US Airports (+\$5M invested and +\$100M contract opportunity)
- **Smiths Detection** provides access to a billion-dollar distributor network including +11k locations
- **Rapiscan** is a leading global supplier of screening solutions for governments and private industry customers (initial purchase order of 20 HEXWAVE units)

### ❖ Chosen by MIT & Pacific Northwest National Labs to commercialize technology

### ❖ Engineered & Manufactured in USA

### ❖ Target Markets: Airports, Prisons, Schools, Hospitals, Sports and Entertainment Venues, Government Offices, Rails/Subways, Open-Air Events, among others

### ❖ Strong Team with Security Industry Experience and Hands-on Knowledge

- MMW security detection experts with senior positions at L3, Raytheon, Leidos

## Select Partners & Clients



Transportation  
Security  
Administration



MIT  
LINCOLN  
LABORATORY



Greater Toronto  
Airports Authority



Liberty Defense Investor Relations  
RB Milestone Group LLC (RBMG)  
[liberty@rbmilestone.com](mailto:liberty@rbmilestone.com)  
888.617.SCAN (7226) ext.2

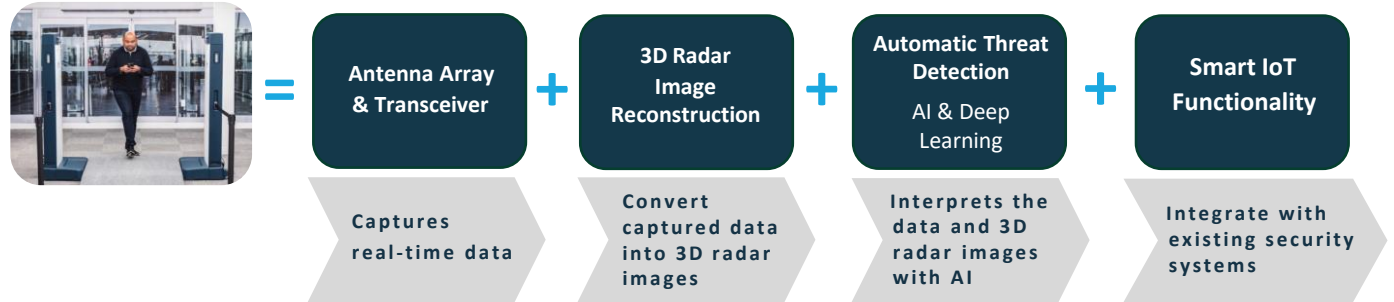
[linkedin.com/company/liberty-defense](https://www.linkedin.com/company/liberty-defense)

[twitter.com/LibDefense](https://twitter.com/LibDefense)

[www.facebook.com/LibDefense](https://www.facebook.com/LibDefense)



## HEXWAVE Technology



## Revenue Streams



- 2024: Targeting +150 units
- +\$100M opportunity in US airport market alone through TSA relationship (HEXWAVE™)
- +\$200M opportunity for body scanner tech and +\$150M opportunity for shoe scanner technologies, or +1,000 units (HD-AIT Body Scanner & Shoe Scanner Technologies)

Comparables	Liberty HEXWAVE	Traditional Metal Detectors	Airport MMW Systems	Evolv	Xtract Smart Gateway
Metallic Threats	✓	✓	✓	✓	✓
Non-Metallic Threats	✓	✗	✓	✗	✗
Throughput (people/hr)	700 per hour	300 per hour	150 per hour	Up to 4,000/hr	500 – 2,400/hr
Cost	\$\$	\$	\$\$\$	\$\$\$\$	\$\$
Solid Explosives	✓	⚡	✓	⚡	✗
Outdoor Use	✓	⚡	✗	✓	✓
ATD Algorithms (AI)	✓	✗	✓	✓	✓
3D Imaging for ATD	✓	✗	✓	✗	✗

HEXWAVE Key Differentiators
• Detect Broader Spectrum of Threats (Metallic and Nonmetallic)
• Indoor and Outdoor Application
• High Throughput (video-rate imaging and real-time Automatic Threat Detection)
• No divestment of keys, wallets, or cell phones is required
• No Privacy Concerns
• Mobile, scalable & smart IoT functionality to match security operations

MMW = Millimeter-Wave  
ATD = Automatic Threat Detection

✓ Feature    
 ⚡ Limited    
 ✗ Non-Feature

**DISCLAIMER:** This document and the information contained herein (the "Document") is proprietary and for authorized use only. It is being provided for the use of prospective investors with the express understanding that, without the prior permission in writing from Liberty Defense Holdings, Ltd. ("Liberty" or the "Company"), the investor will not copy this Presentation or any portion of it or use any information contained herein for any purpose other than evaluating a potential investment in securities of Liberty. It is recommended to visit the Company's for its full disclaimer [www.libertydefense.com](http://www.libertydefense.com).