



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 February 2024

Share Structure (as of Feb 5, 2024)

Market Value @ C\$0.10	C\$15M
52 Week SP Range	C\$0.10-0.32
Shares Outstanding	151,328,765
Warrants	48,935,440
Options	6,689,597
RSUs	5,929,130
Fully Diluted	212,882,932

Management & Board

Bill Frain
CEO & Director

Daryl Rebeck
Executive Chairman & Director

Mike Lanzaro
President & CTO

Omar Garcia
CFO

Jeffrey Gordon
VP Engineering

Jay Adelaar
SVP Capital Markets

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Liberty Defense Headquarters

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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 +150 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



smiths
detection



Greater Toronto
Airports Authority



An OSI Systems Company



Liberty Defense Investor Relations

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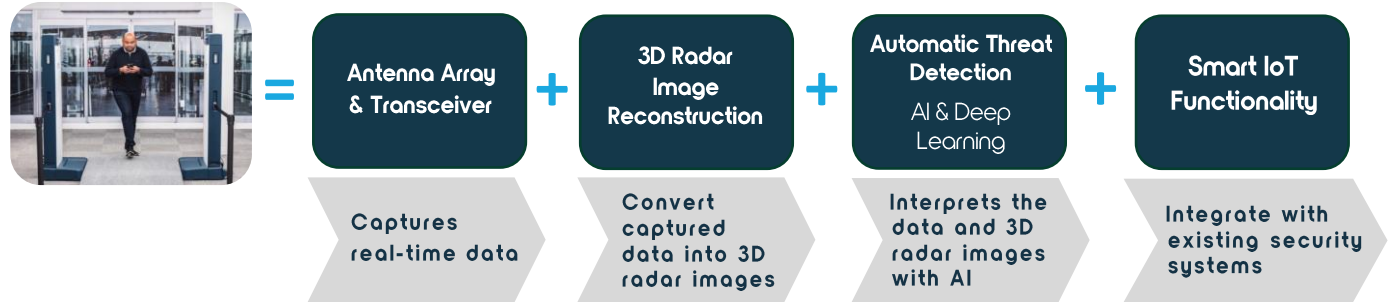
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HEXWAVE Technology



Revenue Streams

**Hardware Sales
(HEXWAVE)**

Option to deploy as a single, standalone unit or in a bundle, two or more units

Maintenance and AI Updates

5-year maintenance plan including Software and AI updates (recurring annual revenue stream based on hardware sales)

Implementation

HEXWAVE can be used as a standalone system or integrated into existing security platforms

- **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	700 per hour	Up to 4,000 per hour	500-2,400 per hour
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

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