



Liberty Defense

RELENTLESS SECURITY OPTIMIZATION

Liberty Defense is a leader in next-generation security solutions for concealed weapons and threats. With licensed technologies from leading security and defense research institutions including MIT, Liberty Defense's HEXWAVE system is revolutionizing the future of threat detection. HEXWAVE's contactless security portals safeguard public and private spaces by detecting concealed metallic and non-metallic threats. With a streamlined design and future-proof technology, HEXWAVE protects against the threats of today and tomorrow.

TSXV: SCAN | OTCQB: LDDFF | FSE: E30

SHARE STRUCTURE

Market Value @ US\$0.24	US\$17.3M
52 Week SP Range	US\$0.19-1.55
Share Outstanding	89,293,651
Warrants Outstanding	36,514,876
Options	4,987,500
RSU'S	693,927

TEAM

Liberty Defense is led by a seasoned team of security industry professionals and supported by a Board of Directors who provide unparalleled market access. Our team has hands-on knowledge in security & product development, management, and corporate finance and include MMW security detection experts with senior positions at L3, Raytheon, and Leidos.

- ★ **BILL FRAIN**
CEO
- ★ **JASON BURINESCU**
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- ★ **LINDA JACKSTA**
Independent Director
- ★ **ARJUN GREWAL**
Independent Director

NEXT GENERATION SECURITY TECHNOLOGIES

HEXWAVE™

- Portable, walk-through, on person security portal detecting metallic and nonmetallic threats, including liquids, powders, and plastic explosives as well as 3-D printed ghost guns
- Proven technology using Millimeter Waves (MMW) and Artificial Intelligence (AI) to enhance performance
- High Throughput; Ease of Use; Contactless; Mobile

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

KEY HIGHLIGHTS

- Chosen by MIT & Pacific Northwest National Labs to commercialize technology
- +\$40M invested to de-risk the technology and prove-out market applications
- Sales Growth
 - 2024:** Achieved target of +20 units
 - 2025:** Targeting +90 units

TARGET MARKETS

- Sports Venues
- Entertainment Venues
- Casinos
- Hotels
- Tourist Attractions
- Shopping Malls
- Office Buildings
- School Campuses
- Places of Worship
- Distribution Centers
- Government Buildings
- Air and Sea Ports



INDUSTRY PARTNERS

Transportation Security Administration (TSA) selected Liberty over direct competitors for enhanced detection performance in US Airports (+\$5M invested and +\$100M contract opportunity).

Viken Detection provides access to a vast distributor network of public safety organizations including customs and border protection agencies and law enforcement.

Rapiscan is a leading global supplier of screening solutions for governments and private industry customers (initial purchase order of 20 HEXWAVE units).



KEY DIFFERENTIATORS

- **Metallic and non-metallic threat detection** includes liquid, powder, and plastic explosives, 3D-printed ghost guns, incendiary devices and more.
- **No required divestment** of benign items like cell phones, keys, wallets, jackets, or steel toe boots.
- **Real-time automatic indicator** dictates a go/no-go decision for operator + type and location of threat.
- **Touchless, seamless, high throughput flow** of 700+ people per hour.
- **Millimeter wave technology (MMW)** used is proven safe and effective for people screening.
- **Video-rate 3D imaging powered by AI** delivers enhanced threat detection.
- **Switchable AI algorithms** allow for operational flexibility for various threat levels.
- **Software updates provide future proofing** to incorporate emerging threats and new requirements.
- **Integrates Smart IoT functionality** for connectivity to existing security systems (VMS, access control).
- **Cost-effective deployment.** No permanent infrastructure is necessary for deployment.
- **Portable and easy-to-use design** means flexibility in use locations with minimal effort.
- **Indoor/Outdoor Use** (covered)
- **Versatile use options** include attended/unattended, inside/outside of the checkpoint.
- **Maintains personal privacy.** No images are seen or stored.
- **Engineered & Manufactured in USA.**



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

KEY ✓ Feature — Limited ✗ Non-Feature

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