

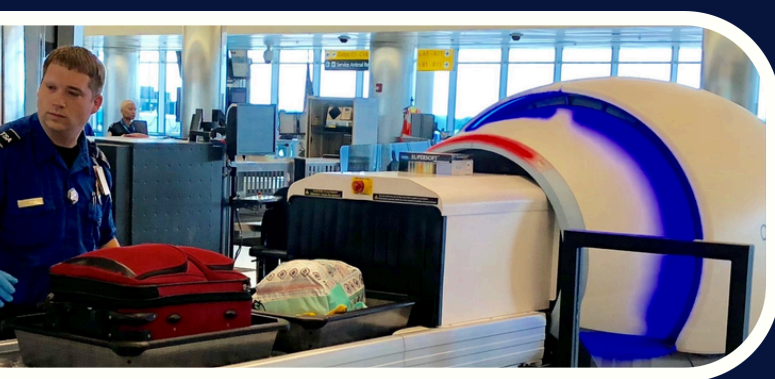
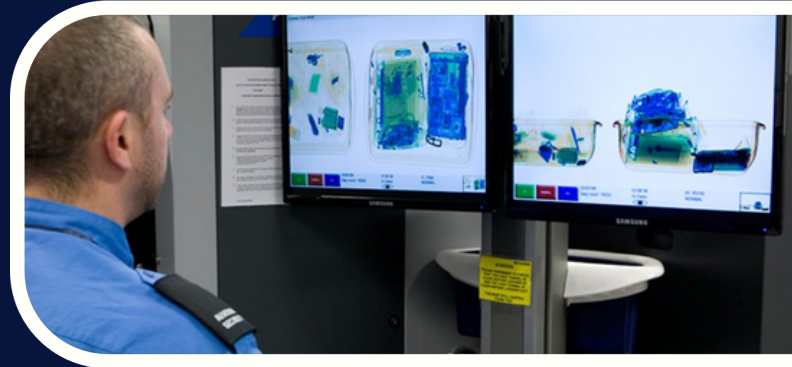


# Full Spectrum IMAGING

## THE PROBLEM

Current X-ray and CT imaging systems face major challenges: they require long scan times, heavy data processing, and expose people to significant levels of radiation. These limitations slow down operations, increase costs, and pose health risks, while also struggling with clarity issues when metal objects or implants obscure details.

TSA has conducted internal investigations where, in some cases, "undercover agents successfully smuggled explosives & weapons in 95 percent of trials".



## SOLUTION

### Improved Diagnostic Imaging Attachment (IDIA):

We provide a low cost solution easily attachable filter & algorithm that can be used with nearly any X-Ray or CT machine. For < \$5k, IDIA can unlock MRI-like capabilities for 100s of thousands of X-Ray & CT Machines, giving First Responders the capability to more reliably and quickly screen for threats

### Additional Advantages:

- Reduction of False Alarms
- Reduced # of Images needed for clear view
- Full Spectral Resolution and Adaptive screening
- Reduction of radiation exposure

### Capabilities:

- X-Ray Images in color
- See behind obstructions – Example: a metal plate
- Distinguish from confusants (eg Peanut Butter vs C4)
- Upgradeable Library; Retrofits current fielded units



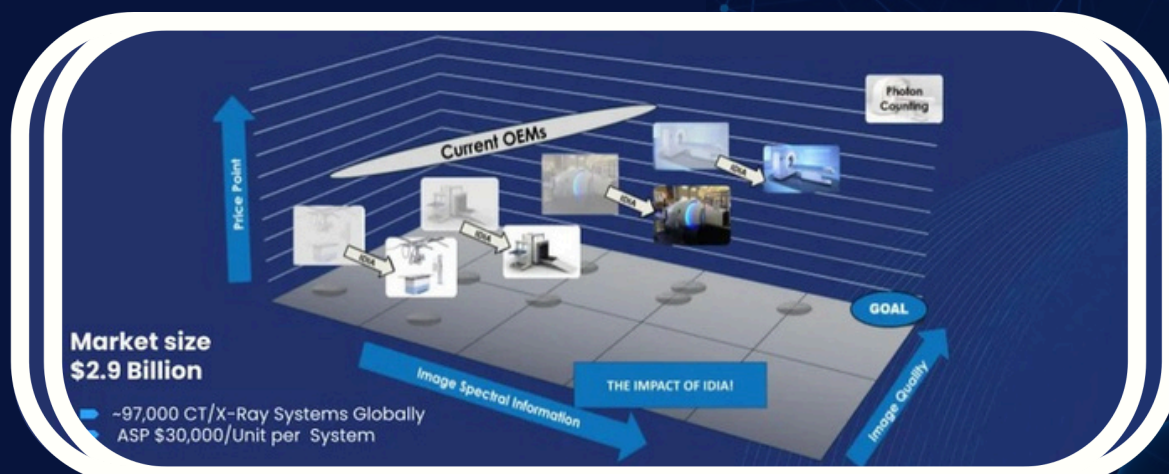
Standard X-RAY



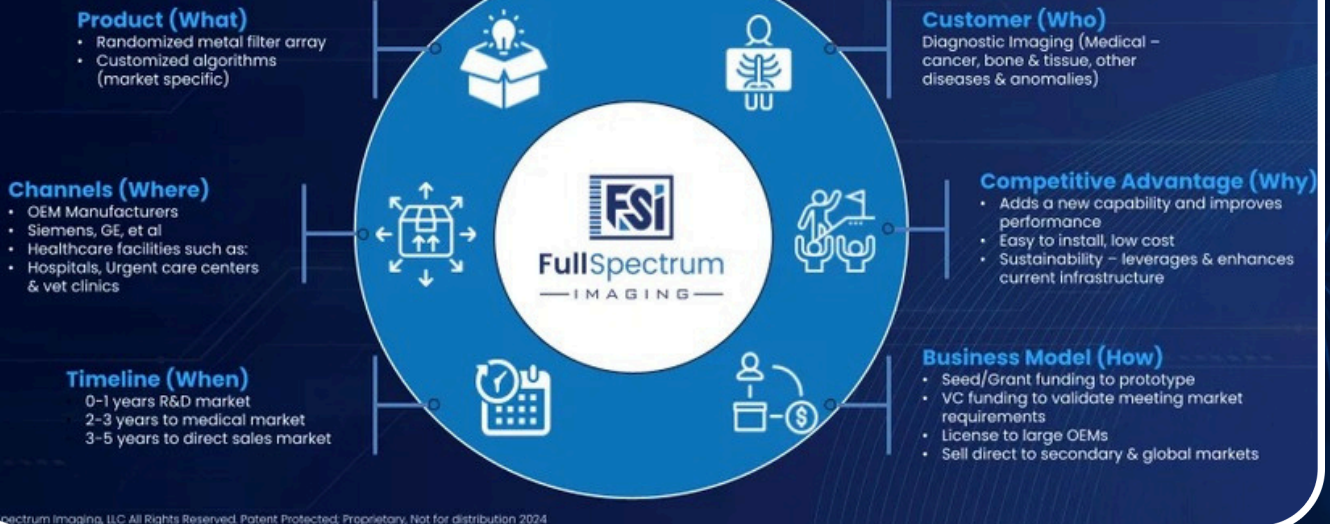
IDIA X-RAY

## MARKET SIZE

- Hundreds of Thousands of fielded X-Ray/CT systems globally
- <1% of these access the full spectrum, but can cost > \$1M
- FSI brings full-spectrum imaging to EVERY system for just a few thousand



# GO-TO-MARKET FRAMEWORK



## Partners/Advisors



### Rob Klueg

DHS TSA Test& Eval Branch Chief,  
Cooperative R&D Agreement

### Dr. David J Brady, PhD

Optical Imaging and Spectral  
Reconstruction SME

### Chris Barnett

TSA National Advisory Council, Senior  
trainer and security advisor

### Dr. Nathaniel Gomer, PhD

Senior Research And Development  
Engineer

## Advancing Diagnostic Imaging and Security Screening through Innovation

Full Spectrum Imaging (FSI) is a promising start-up spun out from the highly competitive Homeland Security Startup Studio (HSSS) sponsored by the Department of Homeland Security (DHS). FSI is one of only 5 companies that have made it to incorporation from the 2023 HSSS cohort and is also the winner of the People's Choice Award from the HSSS Converge '23 pitch event.

## Pioneers in Advanced Imaging Solutions

### Steven Mitts | Founder CEO

Steven Mitts is a visionary CEO and dynamic leader with a proven track record in innovation and transformation. A former U.S. Army Logistics Officer and Bronze Star recipient, he later earned an MBA from Georgetown and a BS in Mechanical Engineering from Gonzaga. Steven has led multi-million-dollar ventures, holds 30+ patents, & Publications, launched 20+ successful products, raised >\$80M, and earned 30+ awards. He currently spearheads the Improved Diagnostic Imaging Attachment (IDIA), enhancing X-ray and CT systems for advanced healthcare and security imaging. His strategic leadership and technical expertise continue to drive breakthrough solutions and a culture of excellence.

### Brendon Walker | Co-Founder COO

Brendon Walker is the Co-Founder and COO of Full Spectrum Imaging, a seasoned entrepreneur and tech leader with a BS in Software Engineering from the University of Massachusetts. As Founder of Walker Capital, he built a strong track record in high-growth investments across real estate and business sectors. Previously, he drove over \$1 billion in software sales at IBM, earning top sales leadership honors. At FSI, Brendon combines his expertise in operations, innovation, and strategy to scale the Improved Diagnostic Imaging Attachment (IDIA), a breakthrough in X-ray and CT diagnostics. His leadership is key to advancing FSI's mission in healthcare and security.

