



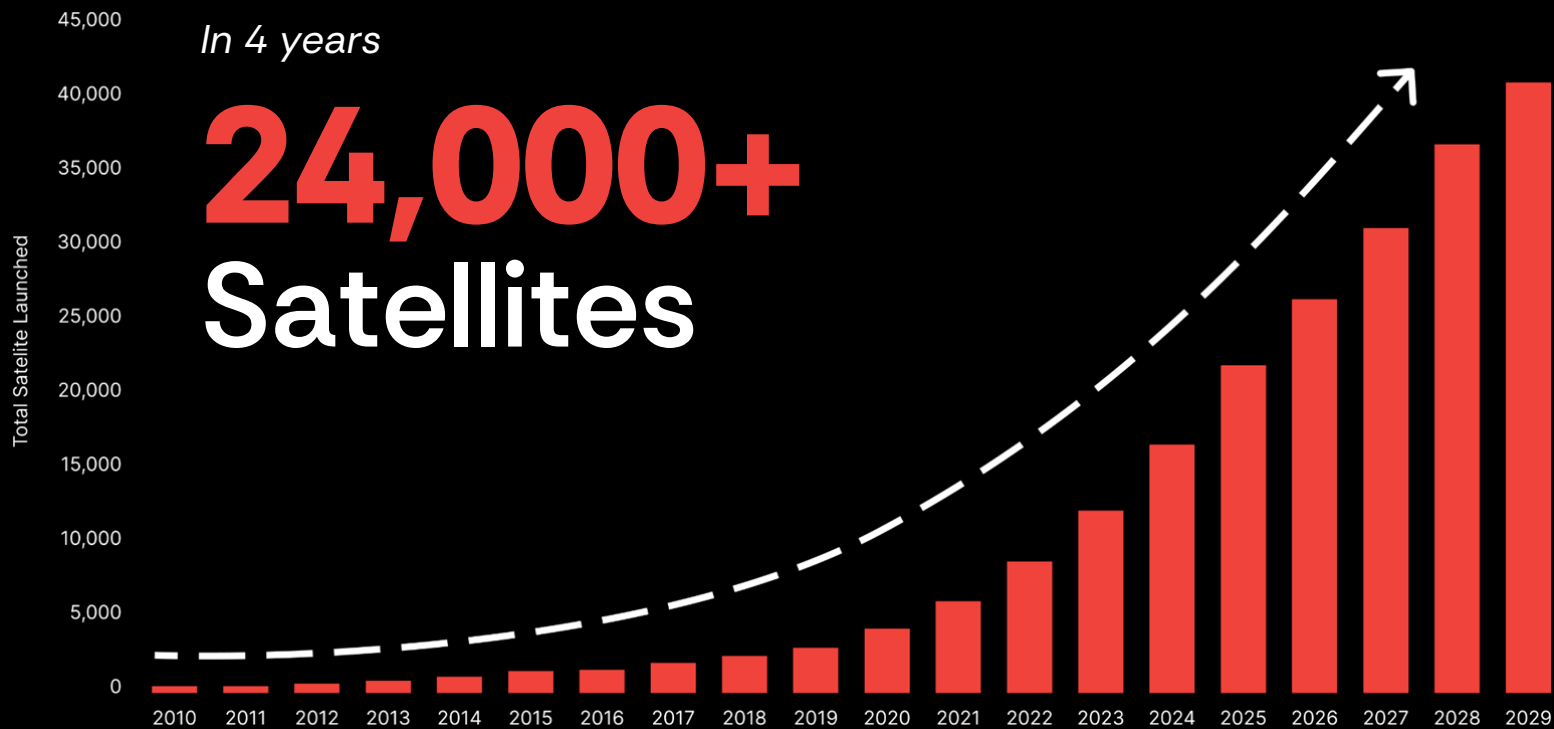
# Space Shields for the **Next Frontier**



*Today*

**12,000+**  
**Satellites**





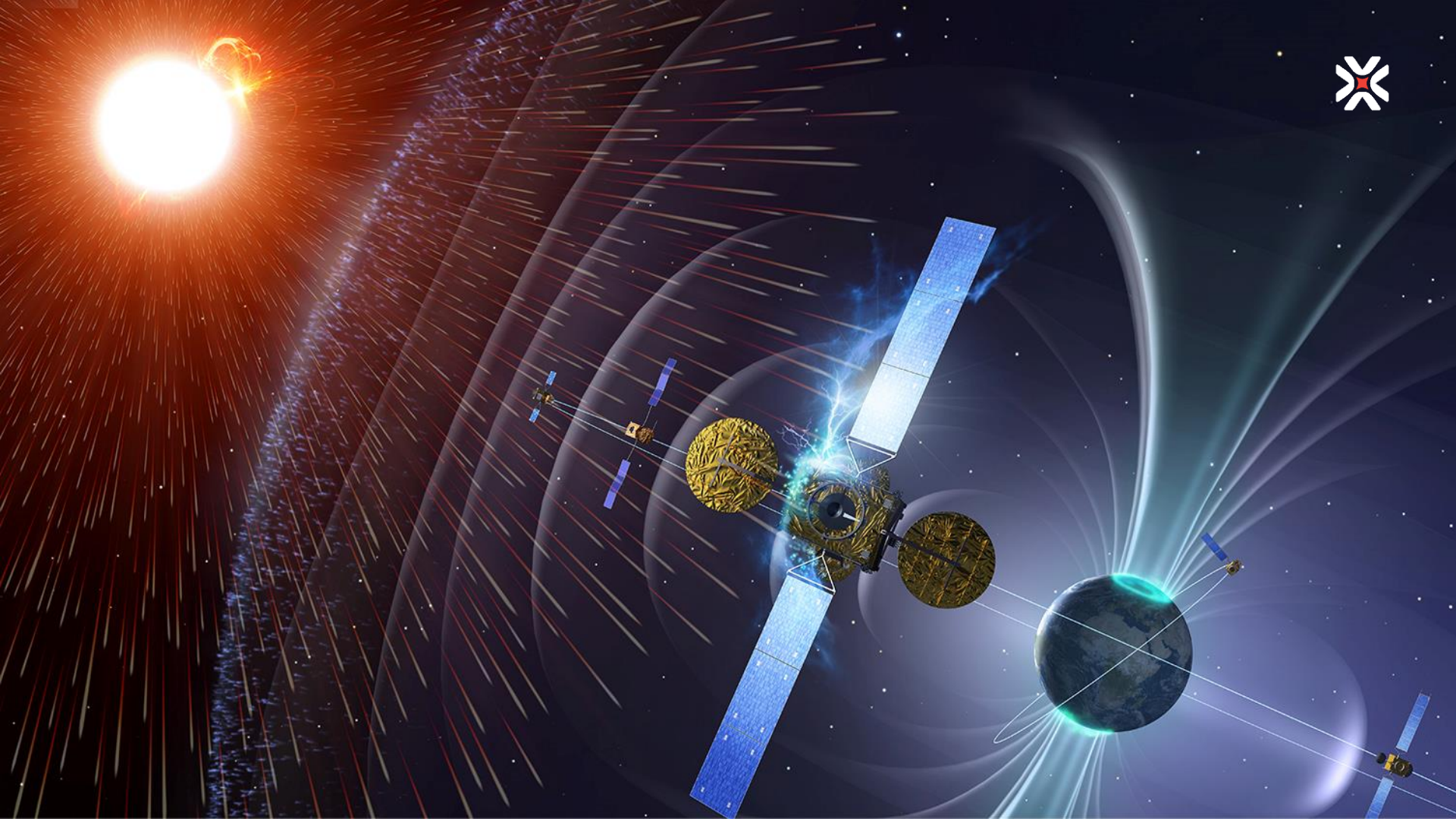


30+

Space Tourism  
Companies

A grayscale image of the Orion spacecraft in space. The spacecraft is oriented horizontally, with its nose pointing towards the left. A large circular hatch is open, and an astronaut in a white spacesuit is visible inside. The American flag is visible on the side of the spacecraft. The background is dark, suggesting the void of space.

**100+**  
Space Explorers







# Space Radiation





**38%**  
Satellite  
Failures





**38%**  
Satellite  
Failures

**3 - 5%**  
Annual  
Degradation



**38%**  
Satellite  
Failures

**3 - 5%**  
Annual  
Degradation



**Risk of  
Cancer**



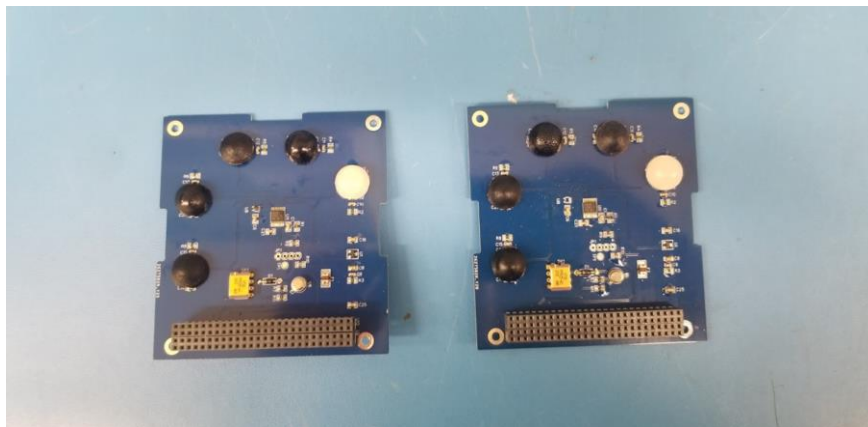
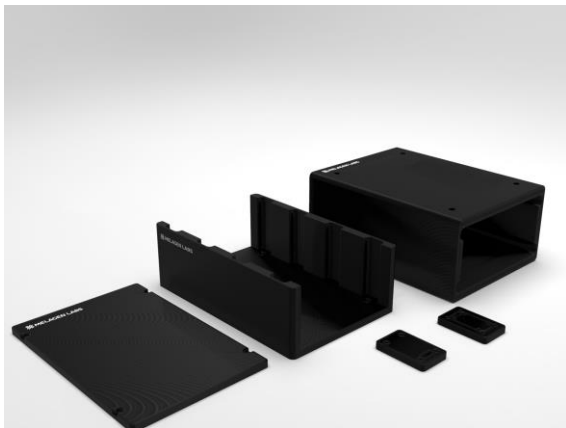
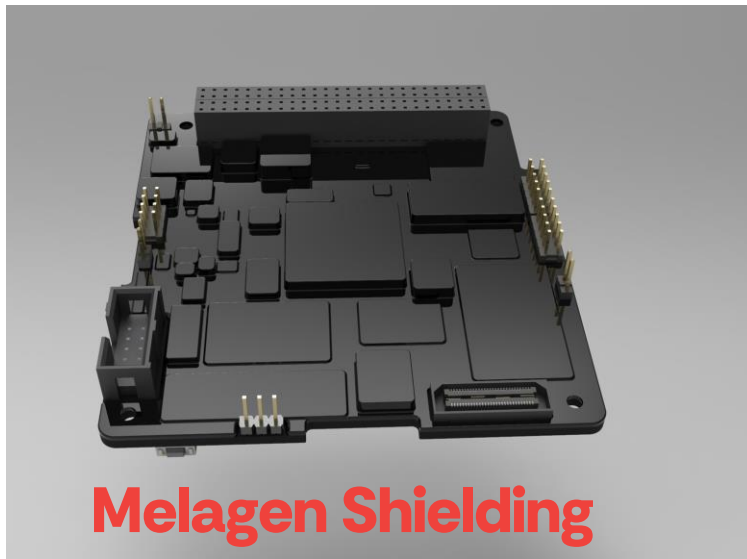
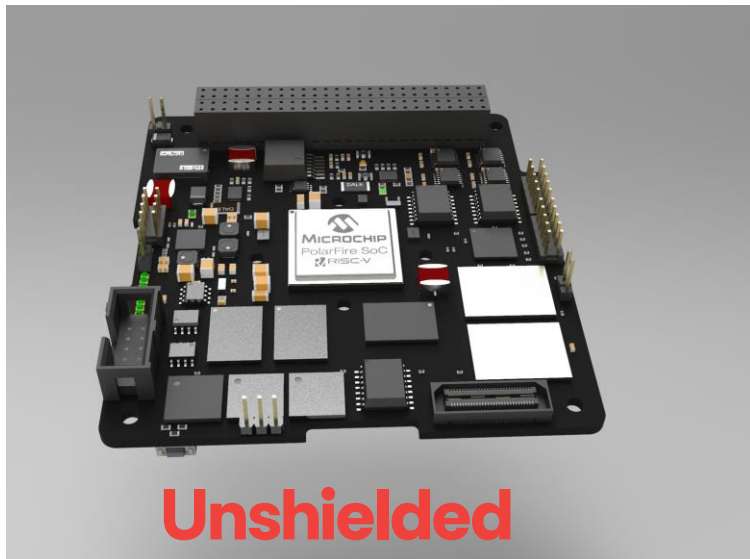


# Revolutionizing Space Radiation Shielding



SPACE TECH EXPO | USA







**3.00x** —

Decrease  
in mass



**3.00x — 2.00x —**

Decrease  
in mass

Increase in  
Effectiveness





**3.00x — 2.00x — 5.00x**

Decrease  
in mass

Increase in  
Effectiveness

Extends the  
Lifespan



**3.00x — 2.00x — 5.00x**

Decrease  
in mass

Increase in  
Effectiveness

Extends the  
Lifespan

**~60%**

Savings



# Space is the Next Economic Frontier

The space sector alone represents a \$10B+ opportunity across satellites, spacecraft, rovers, and habitats.

An additional \$15B is spent across nuclear, medical, and defense applications – including reactors, imaging systems, and high-radiation electronics – with the total market projected to exceed \$50B by 2035, growing at 5–10% CAGR.

# \$50B+

Total Addressable  
Market





# Go-to-Market Strategy

Satellite

Medical

Aerospace

Nuclear





Industry leaders have joined the team to drive the next fundamental  
**paradigm shift to drive the space economy forward.**



**Muhammad Hunain**

*Founder & CEO - Full time*

- Immigrated to the U.S. at 14 with no English
- Elected NYC District Student Rep & Gov President by 17
- Led 16 PhDs & engineers on a Mars rover mission concept at NASA L'SPACE
- Future: Become an astronaut and protect all future space missions



**Andrew Hoag**

*Startup Advisor*



**Timothy Dyer**

*Space & Gov Advisor*



**Dr. James Secrest**

*CTO - Full time*



**Hari Mahesh**

*Business Development - Full time*



**Simon Lancaster**

*IP & Manufacturing Advisor*





Our customers need a modern radiation shielding solution and that's why we're gaining incredible momentum.

**\$250K**

*Raised to date*

**\$10M+**

*LOIs & MOUs*

**2**

*Space Missions*

**\$750K+**

*Contracts*

5 paid pilots · 12 high-priority customer discussions · 50+ companies in active pipeline

**techstars**



**MERCATUS CENTER**  
George Mason University

**theWONDRY**  
VANDERBILT'S INNOVATION CENTER



Muhammad Hunain, **CEO**

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