

2024 Israeli Innovation Defense Tech



STARTUP
NATION
CENTRAL

Startup Nation Central is a free-acting NGO providing global solution seekers frictionless access to Israel's bold and impatient innovators to help tackle the world's most pressing challenges.

SECURITY & SURVEILLANCE INTEGRATION

Involves advanced technologies to ensure comprehensive protection and monitoring. This includes electro-optical and infrared systems for real-time imaging, radar and RF technologies for precise detection, and acoustic sensors for situational awareness. Additionally, it features drone defense systems to counter aerial threats, secure communication links, and robust data analytics. These integrated solutions are essential for detecting and responding to threats, securing borders, and preventing terrorist activities.

DEFENSE TECH APPLICATIONS

-  HLS 24 companies
-  Dual use 47 companies
-  Both 80 companies

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DEFENSE ELECTRONICS			
			
			
			

EARTH OBSERVATION			
			
			
			







AIRCRAFTS & AVIONICS			
			
			

SIMULATIONS & TRAINING			
			
			

SPACE EXPLORATION			
			
			









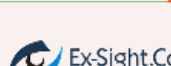
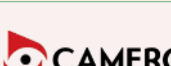


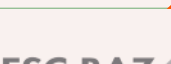
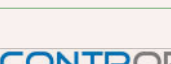

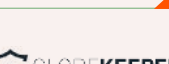

NAVIGATION & COMMUNICATION					
					
					
					
					

UNMANNED SYSTEMS					
					
					
					
					
					
					
					
					

SPACE COMPONENTS AND INFRA					
					

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COMBAT EQUIPMENT & SYSTEMS			
			
			
			
			
			

SECURITY & SURVEILLANCE INTEGRATION			
			
			
			
			
			


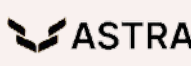
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MAJOR DEFENSE COMPANIES			
			

INVESTORS								
								
								

ACCELERATORS					
					
					



Defense Tech describes advanced equipment and systems tailored for navy, air, and ground forces, covering secure communications, electronic intelligence, navigation, sensors, and signal processing. It includes innovations beyond traditional weaponry, for example intelligence gathering.



Dual use in space refers to technologies that use space resources, technologies, or insights to innovate and provide solutions that benefit both Earth-based industries and space exploration



HLS (Homeland Security) are measures and technologies implemented to protect a nation from internal and external threats. It includes a wide range of activities and systems, including counterterrorism, border security, cyber defense, intelligence gathering, emergency response, smart cities, and law enforcement.



Space Tech involves devices and systems for space travel and exploration, including satellites, instruments, and spacecraft. It addresses industry challenges like reusability, costs, and accessibility through advancements in spacecraft design, control systems, power systems, and communication systems. Recent innovations, such as reusable spacecraft, 3D printing for in-space manufacturing, and suborbital spaceplanes, enhance sustainability and accessibility in space exploration and commercial space tourism.



Dual use technology refers to equipment and software that applies to both civilian and military purposes. Examples include GPS systems originally designed for navigation but now crucial for military targeting and coordination, and drones used for commercial purposes like agriculture and photography adjusted for military surveillance and reconnaissance

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