



# MSST

SAVUNMA SANAYİ TEKNOLOJİLERİ A.Ş.

**"SERHAS"**

High-Power Microwave (HPM) Technology

Innovation in Defense, Power in the Future

# Problem Solution Sustainability

## Drone Swarm Threats

Lack of multi-drone destruction technology and difficulty in procurement and operation

## Multi Anti- Drone System

HPM technology **SERHAS**, multiple interventions in one move against dispersed swarms of drones

## Future Combat Environment

Technological superiority in warfare tactics

## Unlimited Ammunition at Low Cost

Sustainable defence systems technology

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Power in the Future

# Innovation Effect Usage

## High Power Microwave (HPM)

High-Power Microwave (HPM) technology

## Intervention in Electronic Circuits

Neutralising chips and electronic circuits

## Integrated to land, air, naval platforms and mobile vehicles

360 degree defence use in vehicles such as tanks, drones, ships etc.

## Remote Controlled Mine and Bomb Intervention

Preventing the operation of communication systems within the area of influence

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**“In 2018, R&D process started,,**

**“In 2024, the prototype ‘SERHAS’ was produced,,**

**“In 2024, progress was made with Quantum Technology,,**

**“Company Incorporation in 2025,,**

**“In 2025, METU Teknokent R&D processes were accelerated,,**

**“International patent applications were filed in 2025,,**



**“In 2019,  
received  
R&D  
support  
from the  
US military,,**

**“In 2020,  
completed  
Series A  
investment  
round,,**

**“In 2021,  
Series B  
investment  
round  
completed,,**

**“Raised \$200  
Million in  
Series C  
investment  
round in  
2022,,**

**“Signed a  
\$17 Million  
contract  
from the  
US military  
in 2024,,**

**“Raised \$250  
Million in  
Series D  
investment  
round in  
2025,,**

# “Cooperation and Goodwill Agreement with BAYELEKTROSAN”

In 2022

a Defence Industry Cooperation and Goodwill Agreement was signed and projects are being carried out in areas such as Land, Air and Naval Platforms, Cyber Defence and Internal Security.

**a Turkish**

Multilayer PCP Chip and Electronic Board manufacturing company

[www.bayelektrosan.com](http://www.bayelektrosan.com)



# Market Impact

2025 Defence Industry and Aerospace Market Size in the World

**+5 Trillion USD\$**

2025 Turkey Defence Industry Volume

**+100 Billion USD\$**

2030 Drone Market Size

**10 Billion \$**

International HPM R&D Companies

**Epirus, Norinco, RTX**

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# Founders



N. Türker Yeniçeri  
Co-Founder



Faik Baykuş  
COO



Prof.Dr. Mehrdad Fojlaley  
CTO

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# Contact



+90 312 397 97 97



info@mssttech.com



www.mssttech.com

## Address:

ODTÜ Teknokent (MET)  
06520 Çankaya ANKARA