



SPETS  
TECHNO  
EXPORT

# 90K6E

3D MOBILE RADAR STATION  
OF ALL-ROUND VIEW



## STATION OVERVIEW

**ACTIVE RADAR STATION 90K6E** is the mobile 3D air surveillance radar with a solid-state transmitter intended for low/medium/high altitude flying targets detection.

The station operates in autonomous mode or as a part of regional and national automated control system (ACS). It is used as a part of anti-aircraft forces for target designation output for anti-aircraft complexes as an information unit in the Air Forces and Air Defense for air traffic control and monitoring





## KEY FEATURES



### RADAR STATION PROVIDES:

- Detection, tracking and measurement of flying objects in three coordinates and their ground speed under conditions without interference and under the natural, active and passive jamming influence, and also under their combined impact
- Determination of aircraft state belonging, obtaining individual and flight data from your state's aircraft, its displaying and distribution to the client, definition of elevation and azimuth bearings on the jammers
- Providing information on autonomous display means and interaction with command posts of regional and high-ranking national ACS



**OPERATING  
FREQUENCY  
RANGE**  
S



**DETECTION  
RANGE**  
500 km



**ELEVATION  
COVERAGE**  
70°



**DEPLOYMENT  
TIME**  
20 min

## MAIN SPECIFICATIONS

Independent parallel beams	16
Radar operation limits in the range	
maximum	500 km
in azimuth	360°
in elevation	0°-70°
in altitude	40 km
Scanning interval	5,10,20 s
Target detection range, RCS=2m <sup>2</sup> (At P=0,8 F=10-6)	
At flight altitude 10-30	450 km
Transmitter type	Solid State
Antenna type	DAPAR
Number of beams	16
Clutter suppression	More than 50 dB
Jamming canceling	More than 20 dB
Simultaneously track capability	300
IFF equipment	Built-in
Number of transport units	2 units
Deployment/closing time	15-20 min



## LIST OF EQUIPMENT



### MODULE 1

The semitrailer of Module 1 consists of:

- Digital DPAR with the receiving and transmitting equipment and the beam shaping equipment

### MODULE 2

The semitrailer of Module 2 consists of:

- Operator's compartment with two workstations and two diesel generators
- Is transportable in cargo aircrafts





EST. 1998

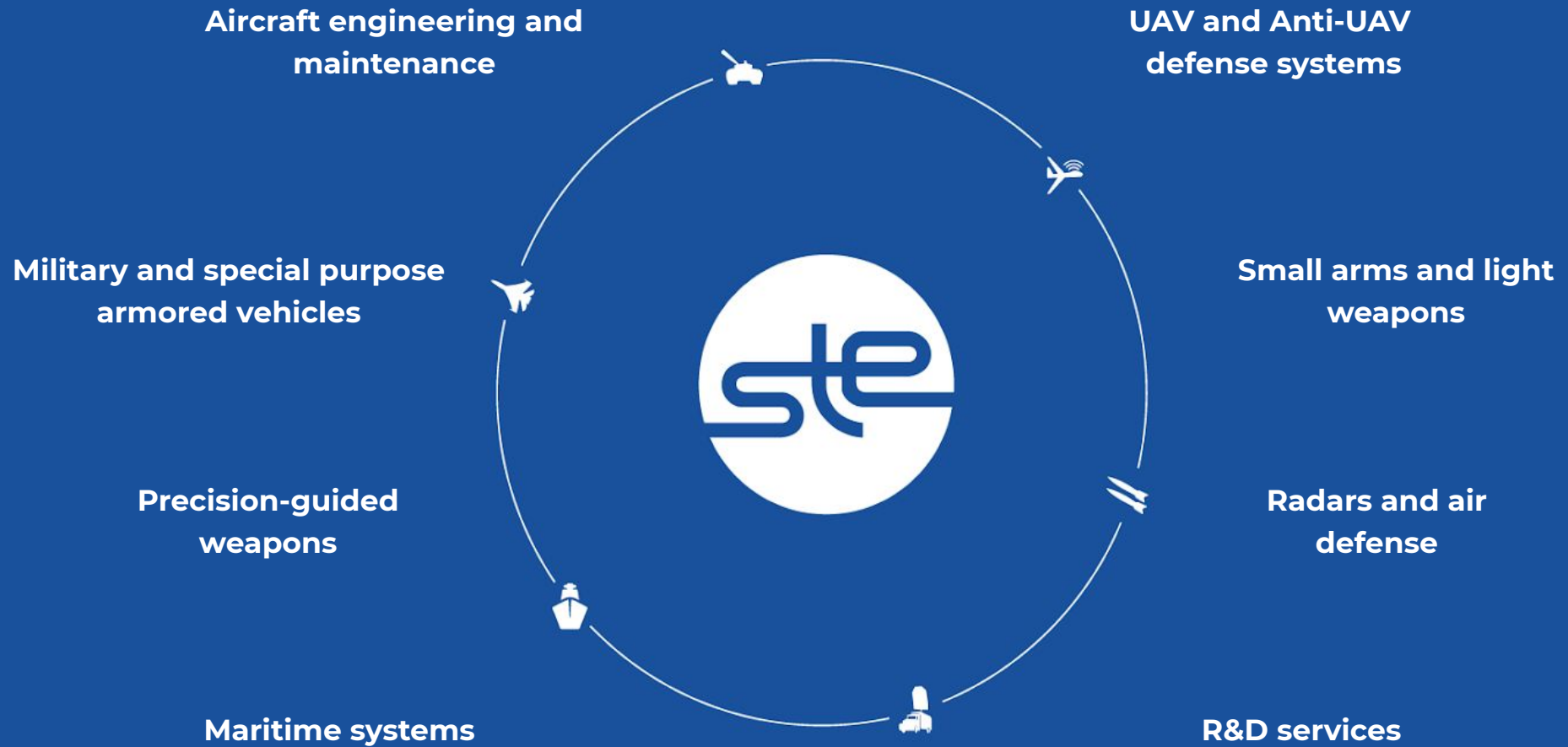
## SPETSTECHNOEXPORT

A major Ukrainian state-owned foreign trade enterprise, which specializes in export and import of military and dual-use products and services globally, as well as on promoting innovations, transfer of technology and military-technical cooperation

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20	30	170	30
years of experience	partner countries	state and private producers	research centers and design bureaus

# OUR EXPERTISE





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