





LLC «TELECARD-PRILAD», is a national manufacturer of modern digital communications. The main areas of activity are the production of products for law enforcement agencies and the production of energy sector products. a national manufacturer of modern digital media communication.

**The company** was founded in Odesa, Ukraine June 26, 1995.

**The company consists of:**

- Instrument-Making Plant (25 000 m<sup>2</sup>);
- The second stage of the instrument-making plant;
- Special Design Bureau;
- Testing center;
- Service center;
- Support units;
- Branch in Kiev.

# Instrument-Making Plant



The **total number of employees** – 478, including 215 engineers and developers.



**The company** has mastered the following technologies:

- Machining of metals and plastics;
- Casting aluminum and plastics;
- Electroplating powder and paint coatings;
- Suspended and surface wiring of printed circuit boards;
- Assembly and adjustment of printed circuit boards and electronic equipment;
- Automated testing and verification of electronic equipment.



**Tooling shop.** It is manufactured press mold and cutting die for production goods from non-ferrous alloys and plastics with the maximum 700x700 mm plates sizes mm, press mold for rubber, jig for drilling, cutting, clamping etc.





**Laser cutting shop.** It has few laser machines. One is LMN3015H high power metal fiber laser cutting machine. Its laser power from 1500 W to 12000 W. This machine can cut steel plates thickness up to 50 mm. Another one laser machine is for cutting as well as for engraving of non-metal work pieces (rubber, leather, plastic, etc.).

**KINETIC high-speed machining center** rationally combines high rigidity and speed. The increased Z-axis movement allows to use rotary tables with different faceplate diameters for 4- and 5-axial machining. Machine frame main elements has double-walled structure that ensure excellent structural rigidity.





### **Injection-molding machine shop.**

It is intended on casting and processing of various plastics types as well as production of polyurethane contour-fit packaging.



### **Casting of aluminum and rubber products shop.**

Specializes in the casting of low-melting metals as well as the casting of rubber technical goods by crude rubber vulcanization.



### Electroplating shop.

Electroplating shop can apply 9 coats types on ferrous as well as on non-ferrous metals: galvanizing with chromium plating, nickel plating, amorphous phosphating, fluorating, tinning, cold oxidation and black chromizing.



### Frame and stamping shop.

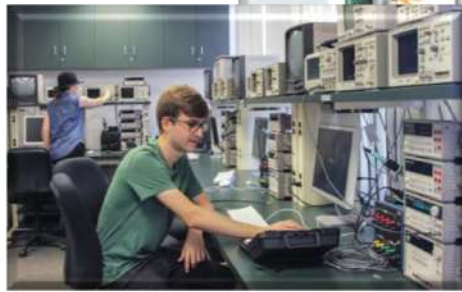
This shop produce semi-finished products as well as parts made from sheet (steel sheet, rolled steel, non-ferrous metals, textolite and fiberglass sheets, mica and cardboard sheets and stainless steel sheet) by stamping and bending using specialized tools.



**Special Design Bureau** consists of highly qualified engineering and technical personnel (more than 100 specialists with higher education) with experience in developing products that meet international standards. The average age of specialists is 36 years. Specialists of SDB have a wealth of experience in the implementation of complex projects on the profile of the enterprise.

The structure of the SDB includes the main structural units:

- project department, programming department;
- department of information management systems;
- Information Networks Department;
- department of communication complexes;
- Design Bureau "RADIO“;
- system engineering department;
- design department.





# Certification of the company's products



At the annual international training exercise «Combined Endeavor», held in Germany, the equipment produced by LLC “TELECARD-PRILAD” has successfully passed interoperability tests with the information and telecommunication systems of NATO countries and has received the appropriate certificates.



LLC “TELECARD-PRILAD”  
has all the licenses required to carry  
out the relevant business activities.  
From March 2021  
LLC "TELECARD-PRILAD" HAVE  
AUTHORIZATION FOR ACTIVITY AS SPECIAL  
EXPORTER.



### Automatic car parking systems



### Traffic lights



### Oxygen concentrator BRIZ-20



### Backup power cabinet



### Access control systems



### Electronic electricity meters



### Energy efficiency and energy management



## Mobile command post of State Emergency Service

**Main features:** development of individual devices, integration of devices into a complex, work with network equipment (such as Cisco), provision of independent power supply, integration of servers, integration of communication systems (such as DMR), training of customer personnel, technical support.



# Main areas of activity



## Mobile command post of State Emergency Service



## Main areas of activity

Ground station is designed to receive remote sensing information from spacecraft in circular orbits from 400 to 1000 km, with a minimum angle of at least 5 degrees, in any azimuth.  
Customer: State Space Agency of Ukraine



**Ground station for receiving information from remote sensing satellites**



**Mobile station for receiving information from remote sensing satellites**

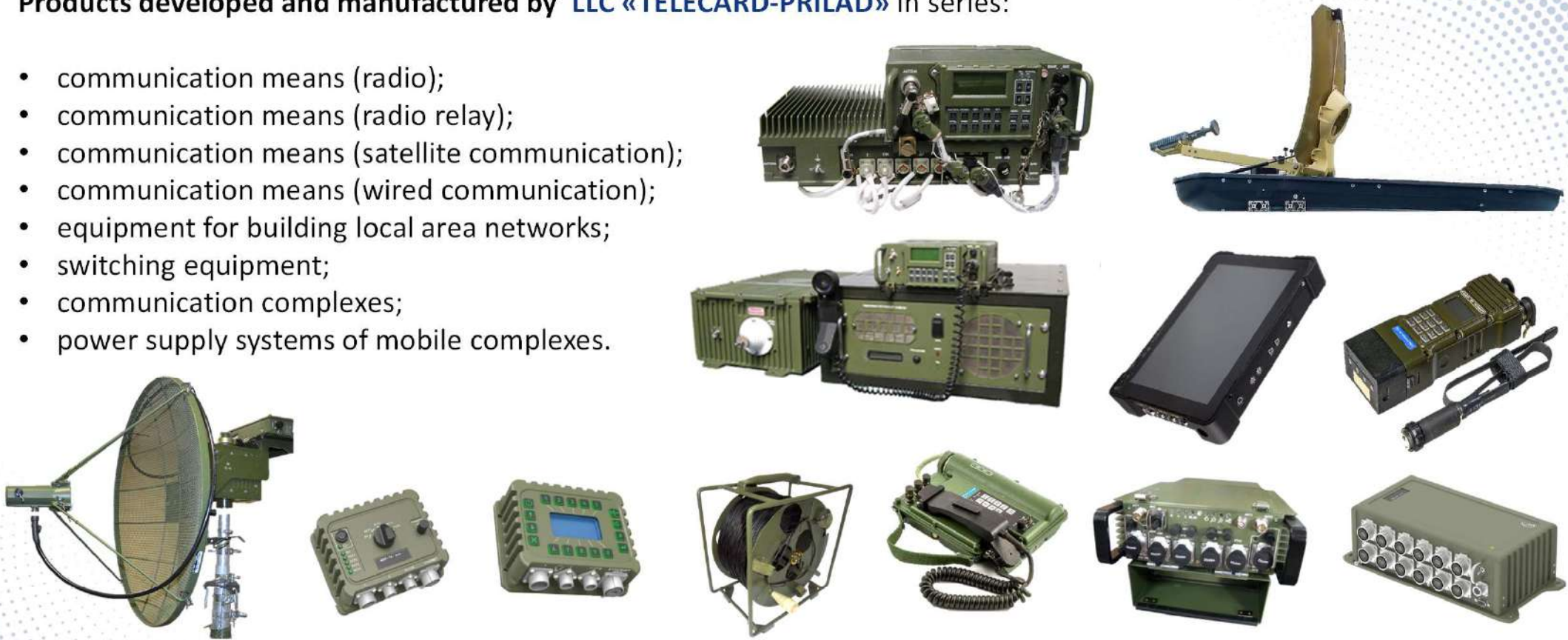


Mobile station is designed to receive remote sensing information from spacecraft in circular orbits from 400 to 1000 km, with a minimum angle of at least 20 degrees, in any azimuth. The station provides tasks on purpose completely in the autonomous mode on unprepared specially platforms in any point of the country.



**Products developed and manufactured by LLC «TELECARD-PRILAD» in series:**

- communication means (radio);
- communication means (radio relay);
- communication means (satellite communication);
- communication means (wired communication);
- equipment for building local area networks;
- switching equipment;
- communication complexes;
- power supply systems of mobile complexes.



Since 2003, the company has developed and commissioned 33 samples of military communication and automation systems and automation.

# Main areas of activity - Military products



## Development & producing different **Command vehicles**

### Command vehicles

- Details of own production - 751;
- Assembly units of own production - 2038;
- Large assembly units of own production - 109;
- Cable products of own production - 4988;
- Purchased products – 22785.

### Command vehicle K-1450

In service from 12.03.2020

### Command vehicle K-1450-01

In service from 12.03.2020

### Command vehicle K-1450-02

In service from 18.02.2020

### Command vehicle K-1450-03

In service from 18.02.2020

### Command vehicle K-1450-05

Brand new products

### Command vehicle K-1450-06

Brand new products



**Brand new products**

Main features: development of individual devices, integration devices into a complex, mass production, training of customer personnel, technical support, partnership with Harris

## Main areas of activity



### Mobile communication complex

Customers: Ministry of Defense of Ukraine





### Development & producing **Starting Command Post for Air Force**

**Starting Command Post (SCP)** is an aircraft command control point, usually at field (temporary) aerodromes, but can also be used at stationary aerodromes as a backup means of air traffic control. To ensure the control of aircraft flights, the SCP has radio, navigation, meteorological and telephone equipment, antennas and special lighting equipment. The kit also includes backup uninterruptible power supplies to ensure autonomous operation. Inside the body are equipped with the workplaces of the air traffic controller, observer, timekeeper, radio mechanic, weather forecaster.

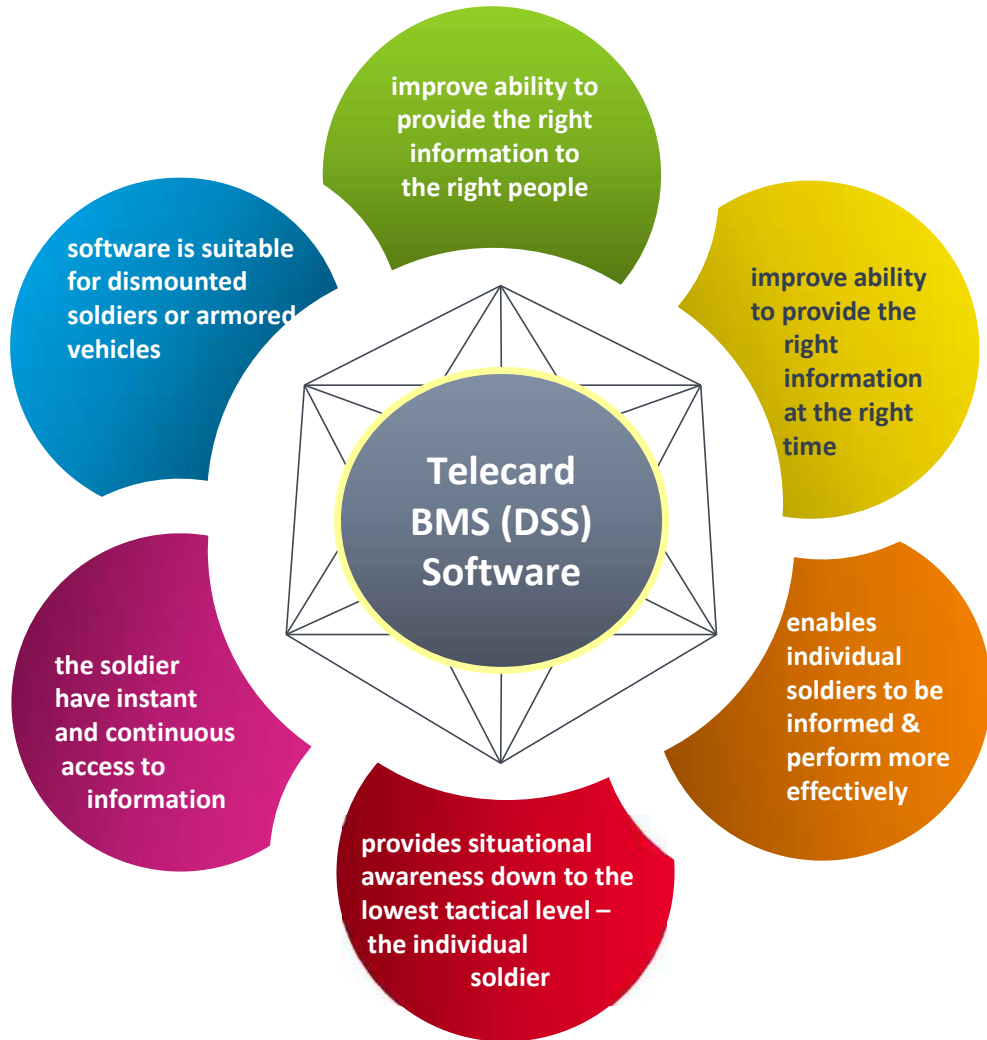


## Main areas of activity



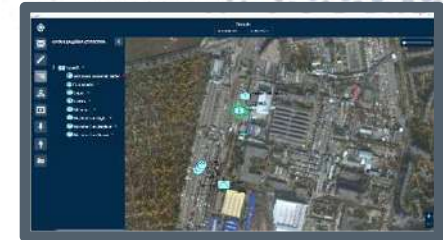
**Mobile surgical complex** is designed to provide primary medical care, secondary care with elements of tertiary, medical (surgical) care for servicemen of the Armed Forces of Ukraine.





## Key functionalities

Common Operation Picture



Receiving and sending messages



Targets and boundaries



Video surveillance



## Initiative development Digital Soldier

The dismounted soldier system (DSS) is designed to solve C4I tasks for the interaction between commanders and dismounted soldiers during combat missions. It supports the exchange of critical tactical information, solves the issue of situational awareness of soldiers based on automatic linking of their position to the map with elements of the combat situation, allows the use of various additional military equipment, including to assess the medical condition of soldiers.



Thank you for attention



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