Great things are not done by impulse, but by a series of small things brought together.

Vincent Van Gogh
History

✓ Established in 1991

✓ Successor to the state-owned business group Electron

✓ Companies-shareholders work in the field of electronics, communication and information technologies, radar equipment and control systems
Modernization of a meteorological radar

✓ Total replacement of the transmitter, receiver, visualization, antenna control system, positioning sensors and power supply system.
Modernization of a meteorological radar
Automatic anti-hail rocket launcher

✓ From a manual device

before...

...and after ►

to a microprocessor-based radio controlled system
Customized control systems

- Operation in rough or extreme conditions

- Different communication interfaces

- Control systems for special purposes
Modernization of mobile communication centers
Test Equipment

- Specialized Testing
- HF/VHF/UHF
- Microwave
Solar Panel

✓ Automatic tracking of the sun

✓ Automatic battery charging

✓ Mobility
Stencil Printer

✓ Designed & Produced by Our Engineers
PCB Design

✓ Design from scratch

✓ Professional schematic & PCB design
Hardware Design

✓ Complicated Drawings

✓ Custom Parts Engineering
Specialized communication systems

✓ HF radio for railroad transport EK-R01

- Frequency telephony - F3E
- Data transmission - F1D
- Output power - 10W
- Receiver sensitivity $\leq 5\mu V$
- Dimensions 145x160x40mm
- Power supply - 10-15V DC
INTRODUCTION TO PRODUCTION

✓ Hi-Tech Production

✓ SMD Technology

✓ Quality Control

✓ ISO 9001:2000
SMD

Large & Medium series

✓ Automatic SMD Pick&Place

✓ Two Pick&Place Machines

✓ 4000 comp/hr

✓ 0402 Package

✓ Reflow Soldering
SMD

Small & Test series

✓ ~500 comp/hr
✓ Hand Placed Components by Vacuum Nozzle
✓ Reflow Soldering
Through-Hole Department

✓ Highly Trained Personnel

✓ Manual Soldering

✓ Wave Soldering

✓ Lead Free
Maintenance & Repair

- SMD Rework
- Precise TQFP & PLCC Dismount
- Through-Hole Rework
Quality Control

✓ Precise Visual Control

✓ Mechanical and Climatic Testing
Trade Activities

- Full license for foreign trade with military goods
- HF/VHF/UHF Radios
- Radar Equipment
- Radio-jamming Equipment
CONTACT US

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