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Electronics Manufacturing Services

Your partner for new technologies



InterPhone
Service Sp. z o.o.



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The InterPhone Service Sp. z o.o. **company was founded in April 2009**. Since 2016 it has been part of the Polsat Box Group. Its headquarters are in Mielec, in ul. Inwestorów 8, within the **EURO-PARK MIELEC Special Economic Zone**. Since November 2010, our factory is also located there. The Company is mostly dealing with the production of state-of-the-art telecommunication equipment for data transmission and general-used electronic equipment for the Polsat Box Group.

The Company intends to keep the present character of production and additionally, with our most modern production devices and extensive experience in production and trade, we intend to offer Electronics Manufacturing Services for new customers.

- IATF 16949:2016
- ISO 9001:2015
- ISO 14001:2015
- ISO 45001:2028

What can we do for you?

✓ SMT assembly

✓ THT assembly

✓ Final assembly

✓ Design And Construction
ICT And FCT Testers

✓ Traceability System

✓ Logistics Centre

✓ Box Build services

✓ Engineering support

✓ After Sales Service

✓ Supply chain

✓ On-Demand Manufacturing

✓ Functional Testing

Facts And figures:

15 years

years of experience in
the industry

over 250 employees

in our team

over 15 mln

million of devices made

over 200

project implemented

4600 m²

of production and storage surface

Portfolio of our products:

1



Our customer

- Good, quick and comprehensive service
- Trust and confidentiality
- Satisfaction

2



Our employees

- Respect
- Partnership
- Loyalty

3



Our organization

- Observing norms and rules
- Technical and personal culture
- Care of work environment and natural environment



SMT assembly

4 lines for surface assembly:

- FUJI NXT3, FUJI NXT2, Asmbleon AX501 and Asmbleon AX201 assembly devices
 - MPM MOMENTUM HiE and DEC silk screen printers
 - WL 2010 LC C02 – Laser Automatic laser marking devices
 - Electrovert OmniMax 7, Electrovert OmniMax 10 reflow soldering system
 - Automated conveyors and feeders for Rommel, Promass boards
 - Dr. Storage climate controlled storage
 - Assembly devices
- ✓ Lead-free assembly with Alpha Metals pastes
 - ✓ Laser board marking
 - ✓ 2D soldering paste inspection
 - ✓ Single- and double-sided assembly
 - ✓ Assembling of 01005, uBGA, QFN, QFP components
 - ✓ Reflow soldering in nitrogen atmosphere
 - ✓ Component storage and burn-in



Supporting and inspection devices

- AOI OptiCon TurboLine machine
 - AXI OptiCon X-Line 3D X10 machine
 - SPI PARMi SIGMA X Blue machine
 - BPM Microsystems 3000FS programming machine
 - ICT testers
 - Hawkeye2000 X-ray counter for electronic components
- ✓ AOI of assembled circuits
 - ✓ X-Ray 3D XSCAN-H130-OCT inspection of assembled circuits
 - ✓ 3D inspection of soldering paste application
 - ✓ Flash memory programming
 - ✓ In-circuit tests
 - ✓ Selective conformal coating

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THT assembly

selective soldering assembly line
for through-hole assembly technology

- ZEVA+ Vitronic Soltec
 - Electrovert Vectra Elite, Vitronics Soltec Delta automated soldering waves
 - Manual and automatic Flexlink, Promass conveyors
 - Manual assembly sockets
 - SCHUNK SAR-D1000-CL depaneling machine
 - SCHUNK SAR-B1000-CL depaneling machine with integrated table, Magnoplate type
 - CAB Maestro 3 manual separator
 - FCT testers
 - cobot Mitsubishi Electric
- ✓ Assembly with lead-free alloys
 - ✓ Single-, double-sided and mixed assembly
 - ✓ Automated wave soldering in nitrogen shielding



- ✓ Manual soldering
- ✓ Manual and automated depaneling with a mill or disk
- ✓ Functional tests



Final assembly

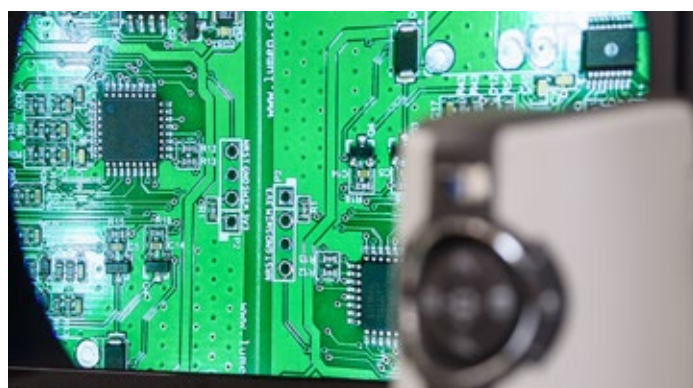
12 lines for final assembly

- Giebler 2-K-DOS two-component resin feeder
 - ZEBRA thermal label printers
 - Electrical drill drivers, Kilews screw feeders
- ✓ Pouring devices with two-component resin
 - ✓ Assembly of mechanical elements
 - ✓ ICT and FCT tester
 - ✓ Confectioning and packing products



Quality manufacturing and testing

- testing R/F (5G | LTE | WiFi) devices on the specially adapted test line of the Anritsu company in telecommunication laboratory
- testing station and final tests
- inter-operational In-Circuit (ICT) tests
- selected tests in electromagnetic compatibility (EMC) and use safety (LVD)
- laboratory shakers & rotators





Engineering support

- Optimization for reducing manufacturing costs
- Developing production technology and documentation on the basis of product technical documentation supplied to us
- Designing and making process support equipment
- Support in the selection of electronic and mechanic components
- Launching serial production of the product
- Supervising mass production
- Repair of entrusted testers
- Adapting the design to production requirements



Complete supply chain covering:

- ✓ price negotiations with suppliers from around the world
- ✓ purchase of materials required for production processes
- ✓ advanced cooperation with the largest component suppliers
- ✓ packaging conforming with customer requirements
- ✓ shipping to the customer
- ✓ supply chain management
- ✓ comprehensive logistical support



To do final assembling

- basic and advanced final assembly
- build-to-Order (BTO)
- testing assembled modules
- full material management

Servis

Possible range of post-sale services includes:

- product repair
- product upgrade
- spare part supply and management
- storage
- recycling



Logistic center

- 8,000 sq meter of storage surface
- 8,000 pallet places with modern fork-lift truck fleet
- eWM SAP warehouse management system





Products

InterPhone Service Sp. z o.o. has already marketed a couple of millions of latest generation devices intended for reception of TV and radio channels

with the Cyfrowy Polsat S.A. satellite platform that keep gaining recognition among customers.

Devices currently produced for Polsat Box:

D62-D64



EVOBOX PVR



EVOBOX HD



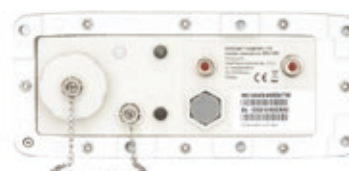
EVOBOX LITE



EVOBOX IP



ODU-IDU 300





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