IKT
ELECTRONICS
MANUFACTURING SERVICES

Group of companies IKT –
contract electronics manufacturer

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The main achievements of IKT in 2021

- the company's turnover increased by 27,5% compared to 2020;
- the number of the workforce has been increased by 30%;
- a bonded warehouse was opened within the IKT area, which allows storing of electronic components for a device assembly without import taxes being levied;
- the second SMT line from JUKI was put into operation;
- new technologies were mastered – cable harness manufacturing.

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"IKT ELECTRONICS" is a production site with high-tech equipment and modern infrastructure for electronic products assembly.

Watch the video **here**

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SMT line by ASM (Germany, UK, Netherlands)

in operation since 2018

Watch the videos at the **links:**

Solder paste application
SMT components placement
SMT soldering

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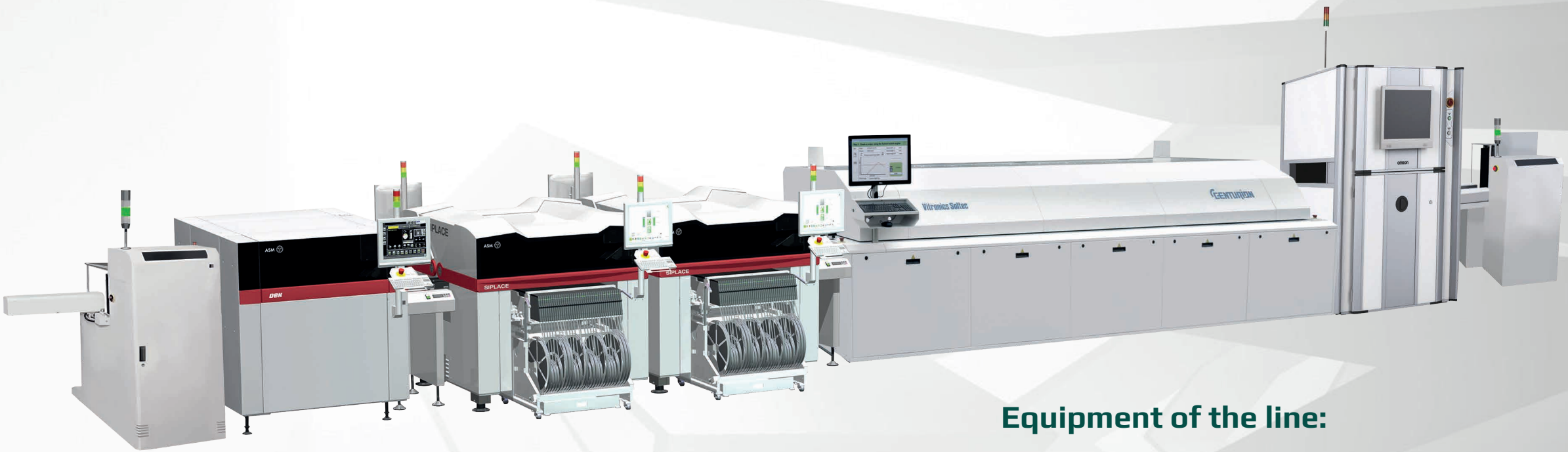
SMT line by ASM (Germany, UK, Netherlands)

in operation since 2018



Equipment of the line:

1. Printer ASM DEK E
2. Placement machine ASM SIPLACE E CP12/PP (2 in the line)
3. Reflow oven ITW EAE Vitronics Soltec Centurion CT 1040
4. Loader/unloader, conveyor equipment Nutek

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SMT line JUKI (Japan)

in operation since 2021

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SMT line JUKI (Japan)

in operation since 2021

Equipment of the line:

1. Loader MB814
2. Printer G-Titan
3. Conveyor T4MB706-1500
4. Placement machine RS1
5. Conveyor T4MB730-1500
6. Reflow oven RS1000
7. Unloader MB817

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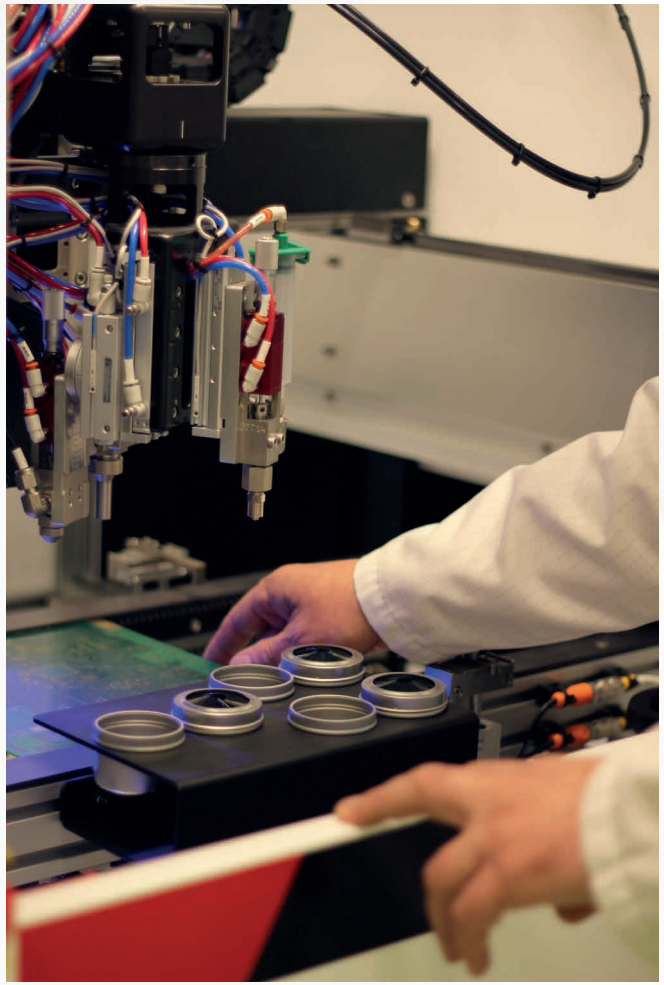
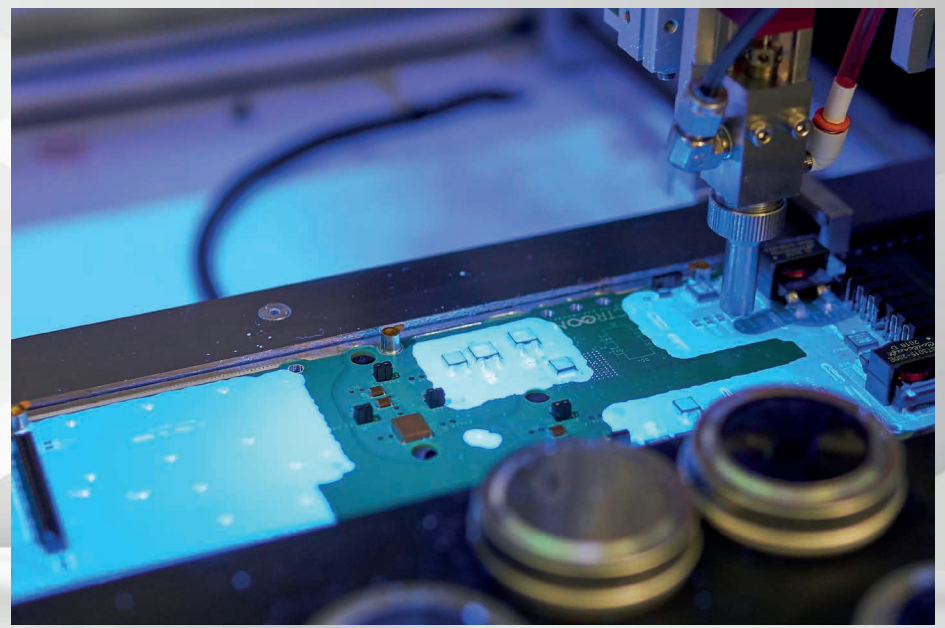
Conformal coating application line (USA)

in operation since 2020



Robotic system for conformal coatings application PVA Delta 6.

System for ultraviolet polymerization of adhesives, coatings and compounds PVA SPECTRA.



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Section for industrial cleaning of printed circuit assemblies and stencils equipment from PbtWorks (Czech Republic), in operation since 2019

Automated system for cleaning printed circuit assemblies from flux residues SuperSWASH III

Watch the video **here**

Automatic cleaning machine miniSWASH

Watch the video **here**

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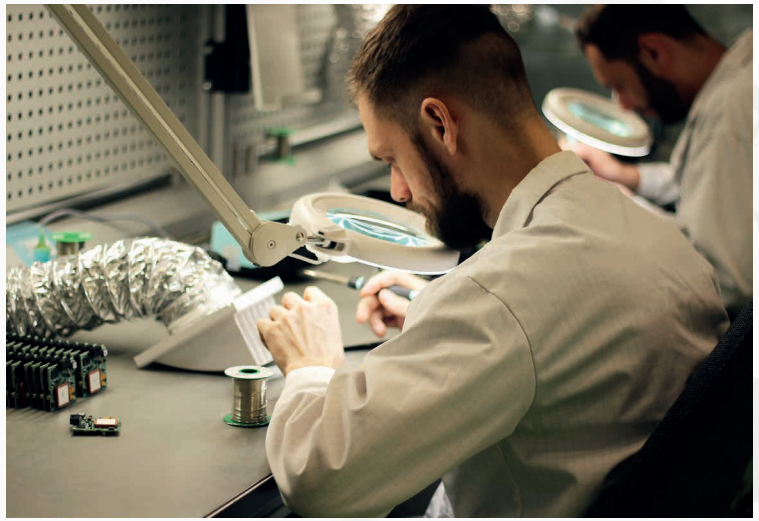
THT soldering. Selective soldering machine CUBE.460 (Germany)

in operation since 2020

Applied THT assembly technologies:

- selective and microwave soldering on the CUBE.460 machine;
- soldering robot;
- manual assembly.



Watch the video "Manual assembly" **here**

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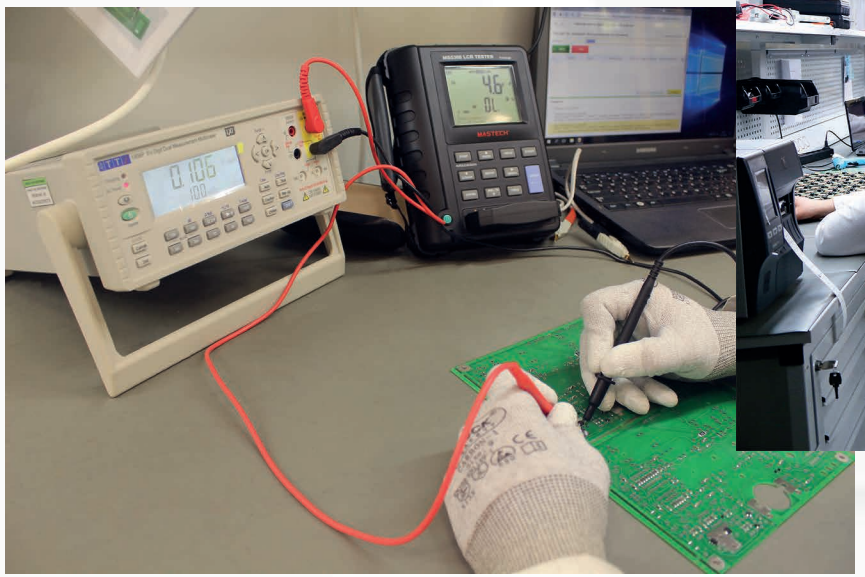
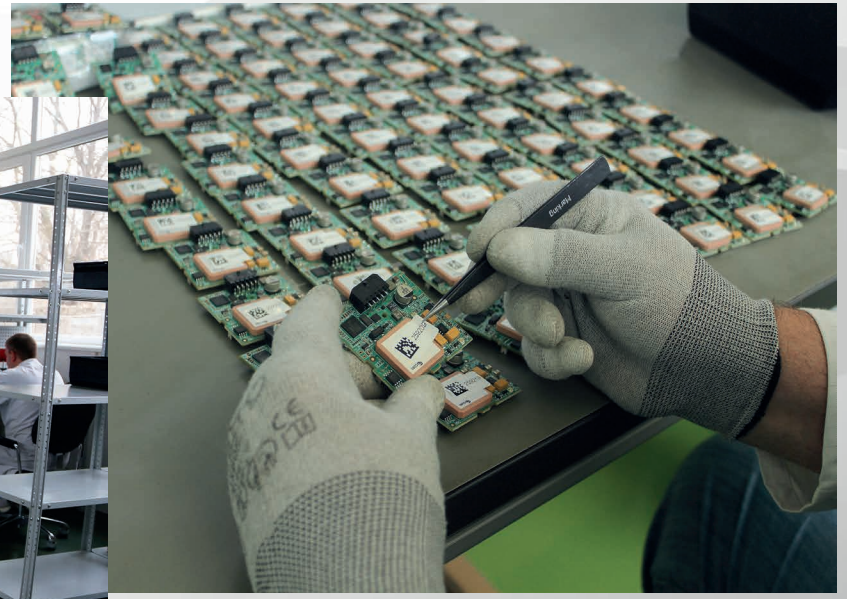
Functional testing and mechanical assembly section

- programming and functional testing of the assembled modules;
- case assembly;
- installation of displays, buttons, cable connectors, switches, etc.





Watch the video **here**

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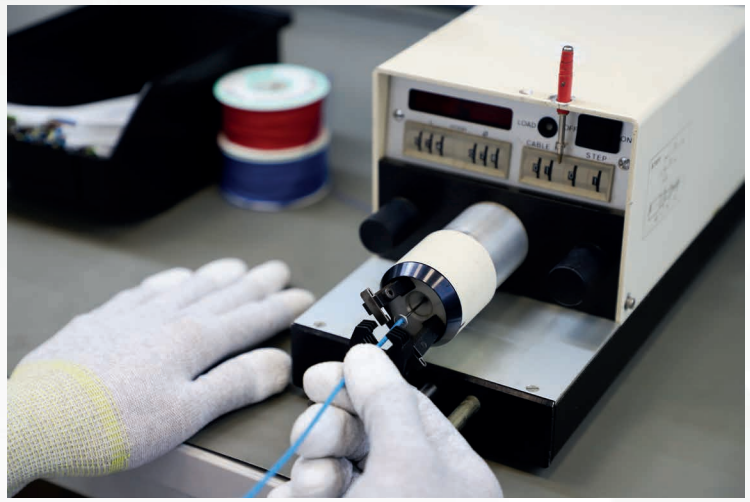
Cables assemblies manufacturing



Wire cutting stripping machine KINGSING KS-W6231
Pneumatic cable wire stripper KINGSING KS-W335
Multi Stage Coaxial Cable Stripper SCHLEUNIGER 207
Schleuniger UniStrip 2015

Watch the video **here**

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QUALITY CONTROL

OMRON S500

- high speed and high resolution color camera;
- telecentric lenses;
- program settings in accordance with IPC standards;
- real-time process control.

FUNCTIONAL TESTING

VISUAL QUALITY CONTROL

Watch the video **here**

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Warehouse infrastructure

Electronic components warehouse with an area of 240 m2 (mezzanine architecture, two floors).
Warehouse for finished products with an area of 130 m2.

Bonded warehouse within the IKT area

The bonded warehouse regime provides legal framework for storing of electronic components for a device assembly without import taxes being levied.

Advantages for the customers:

- opportunity to relocate their stock directly to the IKT's production site;
- import taxes optimization;
- reduction of logistics cost;
- speeding up the assembly of finished products.

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Antistatic protection infrastructure

- antistatic flooring of the production site and the warehouse;
- antistatic furniture;
- automatic control of static electricity protection facilities;
- antistatic footwear and overalls for staff and visitors.

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Microclimate and industrial cleanliness infrastructure

- air handling unit Frapol (Austria) AF15 / AF15;
- fine air filters F5;
- industrial air conditioners Daikin (Japan).

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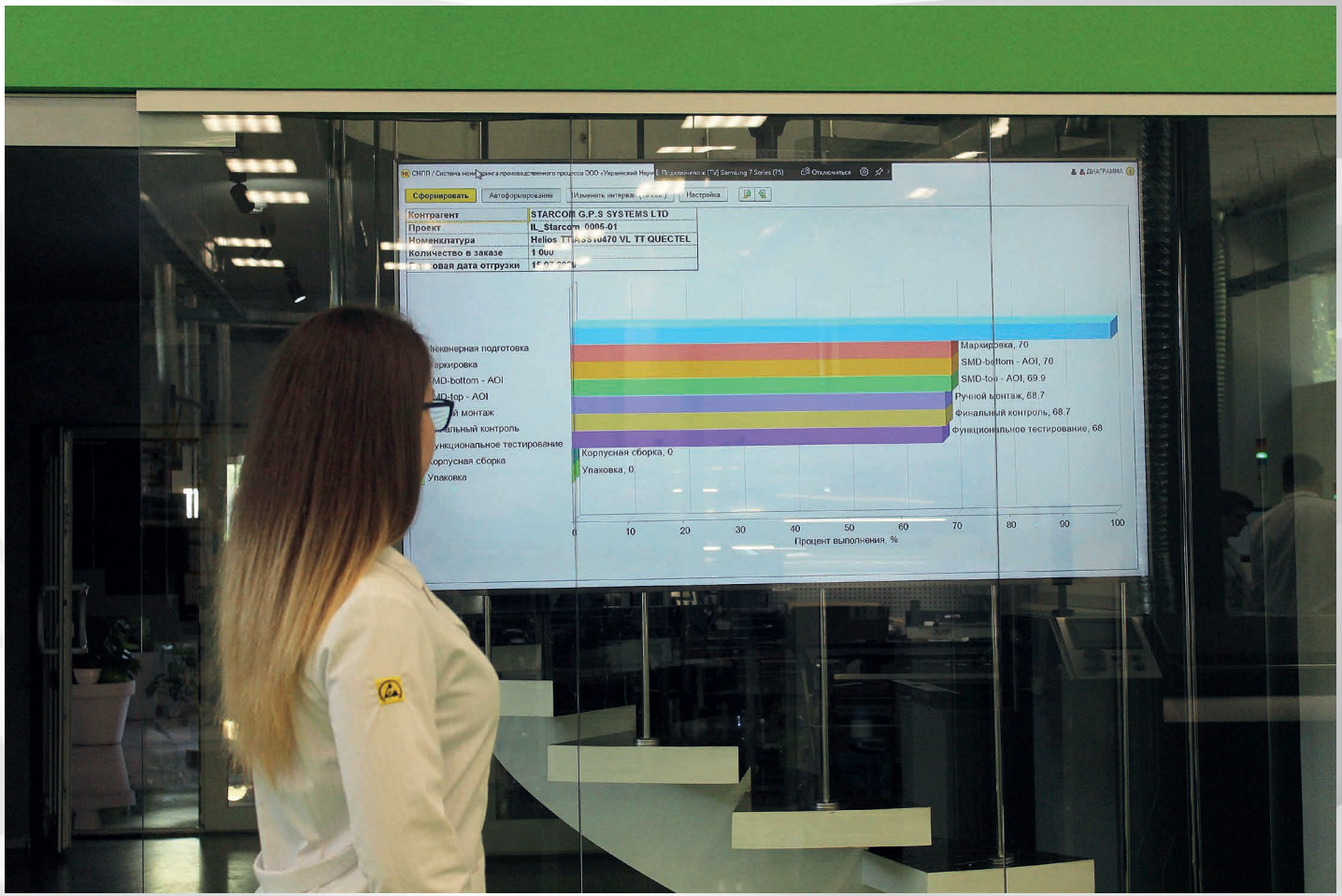
Infrastructure for planning and monitoring of production process

The developed by IKT software product SMPP provides:

- production planning and assignment of tasks to performers;
- documenting the production operations execution;
- products and components traceability;
- customer's online access to track production and shipment schedules in real time.



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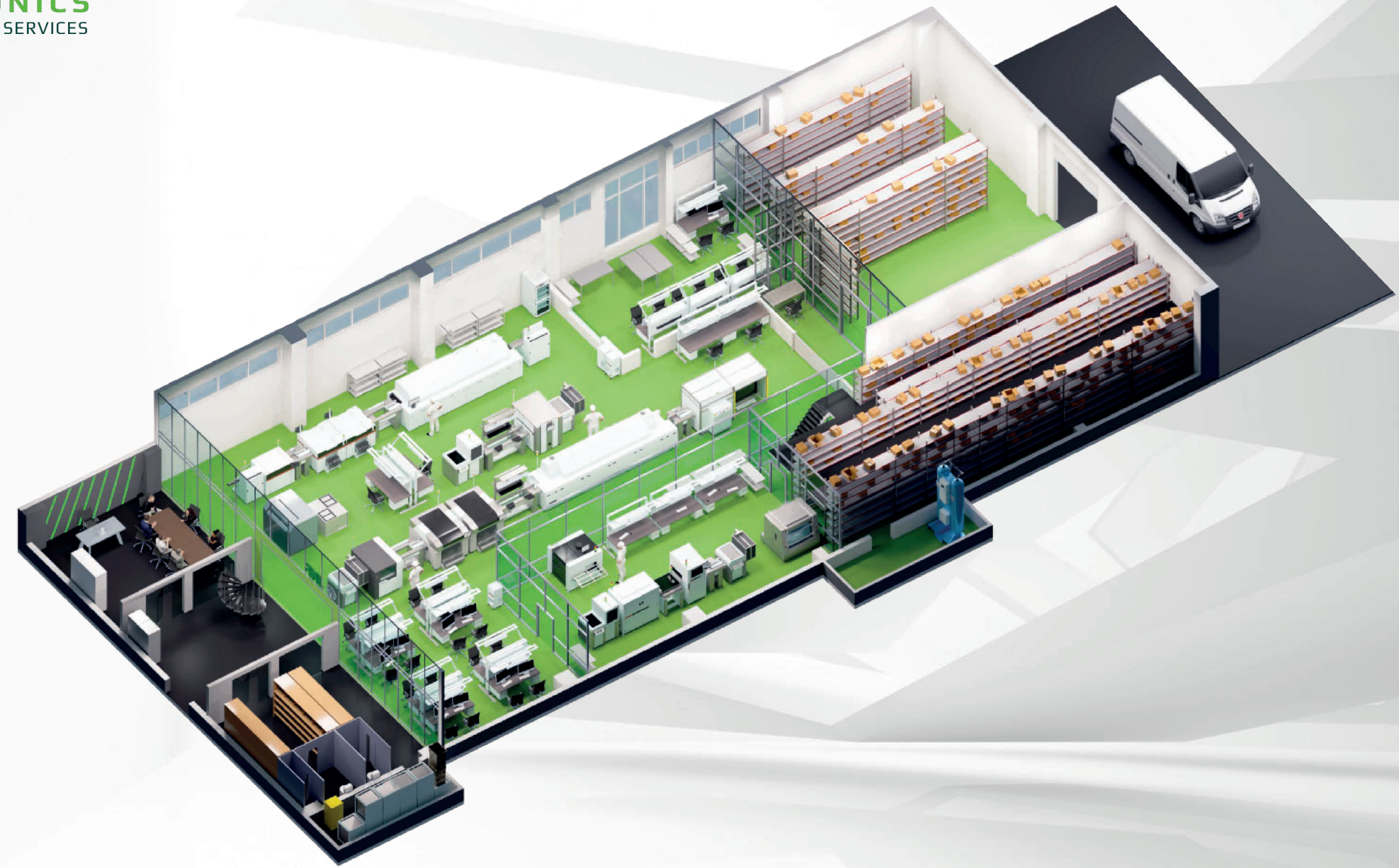
3D image of the manufacturing site



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PRODUCTION TEAM

Key positions on the enterprise are occupied by qualified professionals with work experience in the electronics manufacturing industry and past internship at the manufacturers of EU countries.

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QUALITY MANAGEMENT SYSTEM

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

TÜV SÜD Management Service

CERTIFICATE

The Certification Body
of TÜV SÜD Management Service GmbH
certifies that

INSTITUTE OF COMPUTER TECHNOLOGIES

LIMITED LIABILITY COMPANY
«UKRAINIAN SCIENTIFIC-RESEARCH INSTITUTE OF COMPUTER TECHNOLOGIES»

53-A, Dehtiarivska str., office 222, Kyiv, 03113, Ukraine

Scope of application:
Electronics manufacturing services projects management.
Supply of printed circuit boards, electronic components, equipment and consumables for the production of electronic products

2, Industrialna str., Chernihiv, 14011, Ukraine

Scope of application:
Electronics manufacturing services.
Supply of printed circuit boards, electronic components, equipment and consumables for the production of electronic products.
Electronics design and development

has established and applies
a Quality Management System.

An audit was performed, Order No. **707091452**.

Proof has been furnished that the requirements according to

ISO 9001:2015

are fulfilled.

The certificate is valid from **2021-08-03** until **2024-08-02**.

Certificate Registration No.: **12 100 56237 TMS**.

Head of Certification Body
Munich, 2021-08-09

IAF DAkkS Deutsche Akkreditierungsstelle D-ZM-14143-01-00

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MSSH-10/2019

ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

TÜV SÜD Management Service

CERTIFICATE

The Certification Body
of TÜV SÜD Management Service GmbH
certifies that

ELECTRONICS MANUFACTURING SERVICES

LIMITED LIABILITY COMPANY
«IKT ELECTRONICS»
2, Industrialna str.
Chernihiv, 14011
Ukraine

has established and applies
a Quality Management System for

Electronics manufacturing services.

An audit was performed, Order No. **707136608**.

Proof has been furnished that the requirements according to

ISO 9001:2015

are fulfilled.

The certificate is valid from **2021-08-13** until **2024-08-12**.

Certificate Registration No.: **12 100 62540 TMS**.

Head of Certification Body
Munich, 2021-08-23

IAF DAkkS Deutsche Akkreditierungsstelle D-ZM-14143-01-00

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MSSH-10/2019

Quality Management System of the company is certified for compliance with the requirements of ISO 9001: 2015.

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IKT foreign markets

ELECTRONICS
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IKT sales representatives

AUSTRIAN REPRESENTATIVE

ellwest
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(431) 715-38-98
(431) 715-38-99

inquiry@epcb.at
ellwest-pcb.at

ISRAELI REPRESENTATIVE

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ENGINEERING

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Valigent Ltd
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Israel

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(972) 544835303
(972) 9 7655302

levk@valigent.biz
www.valigent.biz

REPRESENTATIVE IN AFRICA (EAST, WEST AND SOUTH)

Mr. Felix Chukwuka

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+2347025608781

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ЭЛЕКТРОНИКС
КОНТРАКТНОЕ ПРОИЗВОДСТВО

GOALS AND TASKS FOR 2022

1. Increasing the sales volume by 30 %.
2. Commissioning of the cable harness workshop.
3. Integration of accounting, planning and monitoring software into a single ERP system.

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You can get more detailed information about the company by visiting our websites http://ikt-electronics.com.ua
https://ictech.com.ua

https://www.youtube.com/channel/UC6VfoVVpUle5qxLaiDAqp1g

We will be happy to arrange an individual presentation of production for you on site, answer your questions and discuss the possibility for establishing mutually beneficial cooperation.

CONTACT INFOFMATION:

info@ikt.com.ua

+38 (044) 331-03-75

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Chernihiv 14011
Ukraine