ITMES HUNGARY
ELECTRONICS
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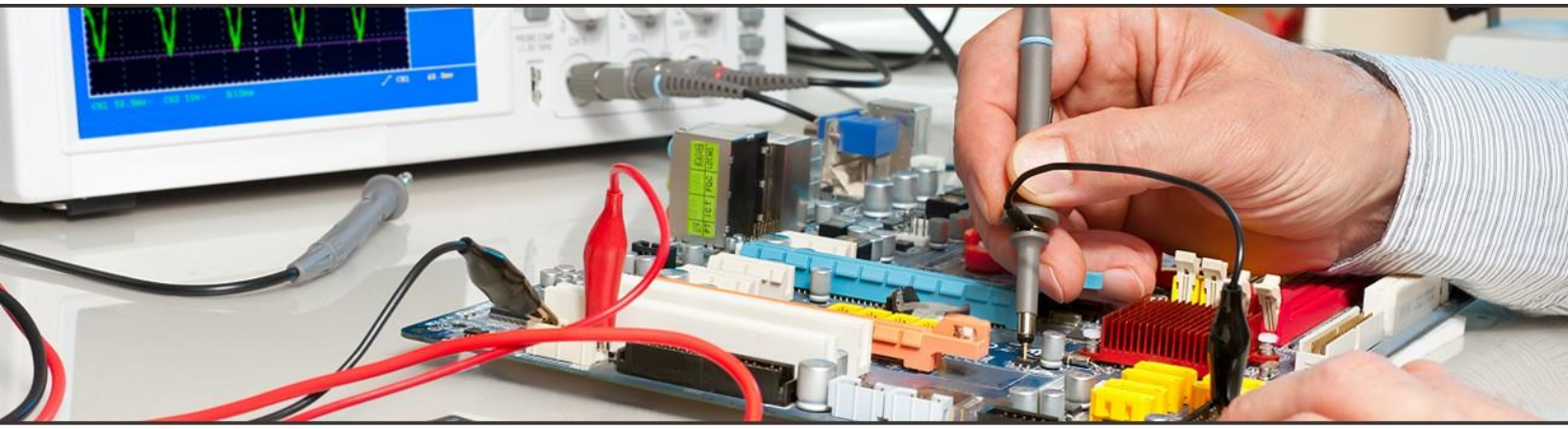
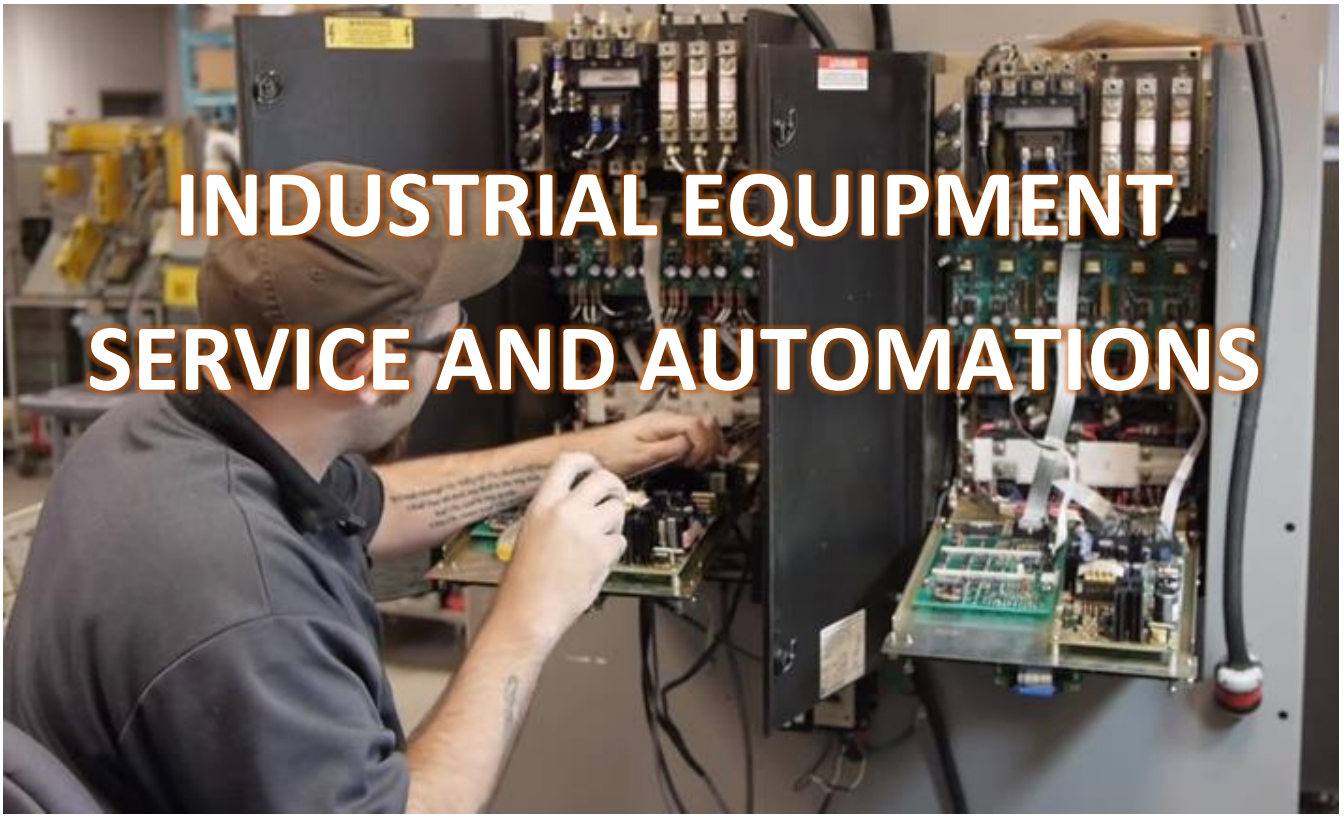
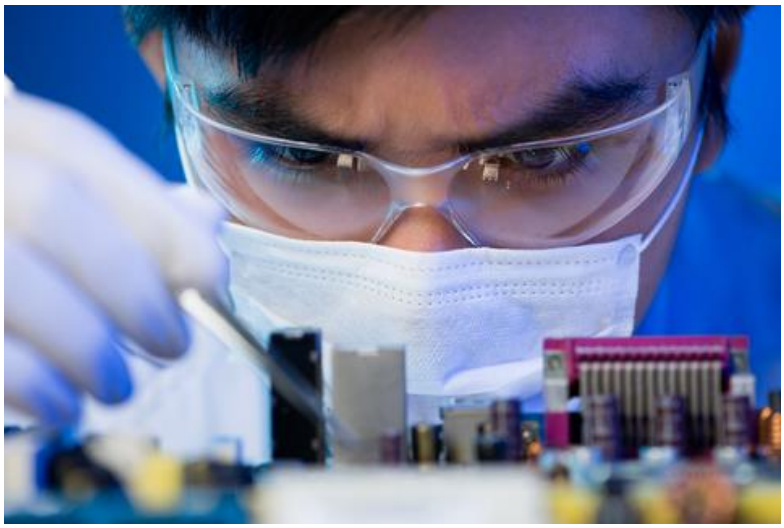
COMPANY PROFILE



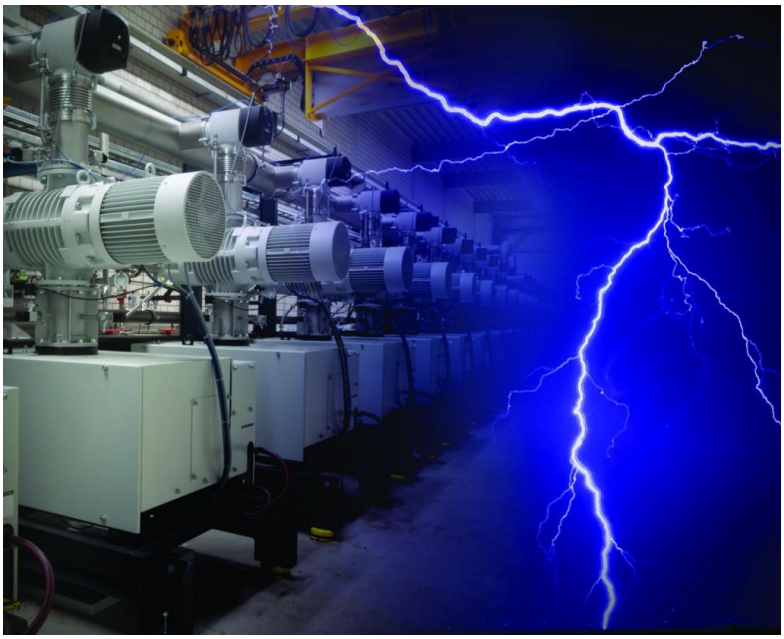


ITMES HUNGARY

Intelltech is the cost-effective solution for replacing or repairing your electronic equipments .



Every second industrial equipment is inoperable, money is lost and production is delayed. In most situations, the commissioning of equipment usually requires a technician to be present on the site, working hours, new parts, programming, and a lot of money. Days pass and the owners / managers are in fibrillation thinking how much productivity has been affected and how much loss of profit is the cause of component failure. Getting spare parts usually takes days or even weeks from global suppliers, and attempting to locate hard-to-find components on the replacement parts market or on non-manufactured electronic printed circuits is not an easy task.



We offer a fair cost an effective and efficient service for businesses in Romania and around the world. Our main areas of expertise are repairs of printed circuit boards, I / O modules and power supplies - including servo, motors steppers (drives) and AC / DC inverters **and automation solutions**.

The team of professional electronics engineers identify defective components on PCBs or inverters before they are repaired or replaced. Preventive maintenance practices are also applied to reduce the risk of failure in the future. All printed circuit boards or inverters are tested intensively before being returned to the customer.

Save your time, do not be frustrated! Intelltech will help you, in fact, we are here to help. Our extensive services are designed to limit the downtime of industrial productivity by providing service and repair to a wide variety of electronic circuit boards, AC drives, DC drivers, servo motors, PCBs, PLCs, power supplies, control units , and more. If the equipment has an electrical component, we have the capabilities, experience and knowledge to repair it. Our highly skilled technicians use inputs and schemes generated by the software, allowing us to troubleshoot and test complex component failures. We continually improve our services and technical knowledge with the latest available technologies and software. Our team of experts can provide details on the problem found, the solution, and the probable cause of the malfunction. Let our experienced technicians work for you!

Non-Equal Repair Services

- Standard repair time within 5 business days
- Availability for emergency repair
- Warranty Up to 1 year
- Estimates are free in for modules brought to the lab
- Immediate evaluation
- Similar electronic reference boards
- In stock quality components
- Pin-thru repair or surface-mounted components
- Work simulation input bench
- Schema generated by the software
- Up to a thousand units can be served
- Save up to 80% when compared to purchasing new equipment
- Save up to 50% compared to renovated equipment purchases
- Free takeover and delivery for the Oradea area
- We supply, new parts, used or refurbished

Preventive Maintenance Services

- Equipment inspection
- Free rating and quote
- Inspection of the working environment of the equipment
- diagnostics
- Reprocessing, cleaning, rebuilding components
- Repairing old back-up boards
- Save time and money

We offer a complete service line for electronic equipment

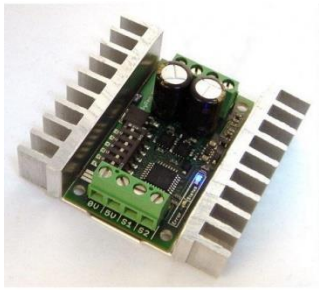
For hard industrial environments, it can not be about "your electrical equipment will work flawlessly," or the phrase "see what we do when the equipment will work flawlessly." Most electrical malfunctions are due to dust, corrosion, water, overheating and damage. We understand the need to operate the machines at 100% of the capacity, but it is also essential that your equipment has a longer service life, and that proper maintenance of all components, especially the basic components, must be ensured. Our solution is Maintenance Prevention Services, intended for industrial enterprises and plants, or residential equipment and those that are delegated to clients. Our services will help prevent and limit or even eliminate downtime. Do not wait until it's too late!

Ask us for help early!

Do not postpone the repair until the last

Repair Services For

- All types of circuits
- AC Drivers
- DC Drivers
- Servo Drivers
- Servo pack
- Servo motors
- Processor Panels
- I / O card
- CNC control units
- Programmable logic controllers (PLCs)
- Printed Circuits (PCBs)
- Power sources



Automation solutions for every application

As an automation integrator, we offer efficient and reliable products and solutions to serve our customers. With the integration of drives, controllers, motion, sensors, communication devices and software, we cooperate with machine makers in various applications such as food & beverage manufacturing, textiles, cranes and elevators, plastics and rubber, printing and packaging, machine tools, as well as electronics. We also provide energy-saving solutions, drive systems, facility management control systems, visualization and surveillance solutions, robot stations, power quality solutions and factory automation for the electronics and high tech, oil and gas, chemicals, metallurgy, transportation and municipal construction sectors.

Industry 4.0 in the Automotive Industry

Industry 4.0 and the concept of the Smart Factory is the hot topic among companies in the Automotive Industry. Car manufacturers and supplier companies are facing the challenge of putting production data, both from different sources and throughout the complete value-added chain, together in relation to one another. This is the point where Intelltech can be a reliable support for transition.

Automatic PPE (Personal Protection Equipment) Dispenser

Personal Protective Equipments (P.P.E.)

TomWork is the automatic PPE and consumables management system of the Personal Storage Machine line.

It's not just a vending machine but it's a cost-effective way to automate your consumable and durable management, eliminating being out-of-stock and having excess inventory, reducing reordering costs, guaranteeing a punctual registration of the picking and activating a series of alerts and alarms, with **easy-to-use web software Sesamo Dispenser** and flexible-configuration structure.

TomWork *handles* ***up to 710 PPEs and tools of different type and dimension*** *of items such as accessories, stationery, equipment, objects for the first aid and consumables.*

ONE DIFFERENT ITEM FOR EACH BOX

TomWork control every single box and allows you to dedicate the right space for each item, on the basis of the real consumptions (for exemple if there are different sizes of gloves with different consumption), so the emptying of the level will be uniform and regular.

MAGNETIC/RFID CARD

TAG

FINGER PRINT

TomWork recognizes different type of identification systems (magnetic badge, RFID, Mifare, Biometric), through which the user is recognized and driven by the machine for the withdrawal of the objects for which he is enabled.

TomWork helps companies to comply with European Regulation about safety management in working environment and standard such as OHSAS 18001, ISO 45001:

-Registration and certification of the delivery of Personal Protective Equipment (PPE);
-Automatic alerts e-mail when the employee does not take the right amount of PPE or do not take them at all;
-Self-enrollment in instruction courses for the use of the PPE withdrawn;
-Access to only tools that can be used based on the job performed by reducing the risk of exposure to dangerous equipment, for which it would be necessary to have dedicated personnel.

TOMWORK+
Personal Storage Machine

TomWork+5.0 - Automatic warehouse for managing tools, instruments, equipment

TomWork+5.0 is the new Personal Storage Machine designed as a dispenser and as an automatic warehouse to manage the multi-picking and return of tools, measuring instruments of different sizes.

This product is designed to monitor in real time the handling of the value objects. Thanks to the concern badge, the user is identified and is driven by the machine for collecting only objects for which he is enabled.

MANAGEMENT

As a tool warehouse, **TomWork+** can manage **up to 710 different items** of different dimensions (tools, measuring tools, etc.). It memorizes how many times an item has been taken and then returned, how long it was used and the period of time after which it is necessary to replace it, by offering in real time a complete management of the assets. Automating this process allows to the company to save time.

AUTOMATIC WITHDRAWAL AND RETURN

Bigger than Tom3D, TomWork+5.0 can also develop the function of the withdrawal of PPEs and objects in general, and it follows its same working principle. Both as a dispenser and as a warehouse, TomWork+ is highly configurable according to the requirements of the client's concern, thanks to the Web Sesamo Dispenser Software monitoring by tracing all the movements with date, hour, user name, state of the returned object.

STRUCTURE

TomWork+ has dimensions h 190 x w 100 x d 78 cm and a feeding of 220 V. It is composed by max 10 disks, disposed on 10 levels, each one is independent of the others thanks to its own engine motor. This means that each disk can have a different function: e.g., the first and the second can be set as distributors and the third one can be useful as a warehouse.
The selected objects can be taken and returned through a single front door.
The operations are very simple with the touchscreen monitor and the multi-language voice guidance.
TomWork+ can be suitable for all the badge and biometric systems.

MES
Manufacturing Execution System

Indaco is the completely WEB production data collection system. This feature allows the system to collect data and time simultaneously on multiple production facilities and we can see the trend from anywhere on the corporate wide area network or the Internet.

Leveraging the Internet in fact is easy to also collect data on contractors, external machining, service and technical assistance throughout the world of design.

An important feature is the possibility of making statements without the use of paper, using a PC or Tablet with guided menu.

The INDACO system, guaranteed security, you can use as **SaaS** without any kind of installation.

WEB PRODUCTION PROGRESS CONTROL

DELIVERY MODALITY

Thanks to Indaco it is possible to detect:

- The production time,
- The downtime (unproductiveness) with relative reason,
- The produced quantities and the production wastes.
- The respect of the correct operative sequences foreseen by the production plan, in particular the correct declaration of the produced quantities
- The man/machine association for single working phase

The system of data collection is completely configurable and allows the Client to be able to enter any type of interrogation on the collected data, according to his necessities.

ADVANTAGES

-The data collection takes place in real time and in a controlled manner.
-Each operator declares the activity and the machine on which he is operating, with the ability to create dynamically operator teams and to work at the same time on more phases, distributing the working hours automatically.
-The declaration is verified at the time of his registration in order to avoid every following necessity of management and to eliminate the time for correction of the incorrect declarations.
-The data are accessible from all the Pcs of the concern linked to intranet or internet

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