Three dedicated divisions:

ITMedical Sp. z o.o. for Wellness & Spa

ITMedical Sp. z o.o. for Medical

ITMedical Sp. z o.o. for Surgical

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www.itmedicalgroup.com
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About us

IT Medical Sp. z o.o. is a young dynamic company located in Krakow, Poland, specialized in sale and distributorship of medical and physiotherapeutic equipment and in the design and realization of turn-key projects of Operating Rooms, CSSD and Spa environments.

Our network of well-introduced and expert sales persons and dealers represent us in different realities and countries, which are extending our company into other new markets.

Through specialized and knowledgeable designers and dedicated divisions we are able to design and develop customized solutions sharing our knowledge and experience with customers to find the best configurations to satisfy customer’s needs, also with the support of detailed 3D rendering.

From the design to the mounting and realization of complete projects, including high technological, exclusive and reliable equipment to reach our target which is offering added values to customers and patients.
Our division is specialized in the distributorship of high technological equipment for the medical and physiotherapeutic field, offering solutions to improve the service and the work of specialists of different fields.

Thanks to the experience and the reliability of our partners and exclusivity contracts with the manufacturers we can introduce to different customers new equipment and new solutions with the purpose to give added value for long time to the service offered from centres and to reduce the social costs for the people.

Our commercial network is continuously updating to the market needs with specific knowledge and representing well-known and prestigious brands of the field. Our people are commercially and technically trained to support and suggest the customer from the presentation to the A/S process.

Offering different financial solutions, managing maintenance service contracts through our specialized engineers and technicians, designing dedicated environments for our equipment with our expert designers. Our company can interface with different departments with the same professionalism and experience.
Our team and our products are directed to different departments of private clinics, public centres, buildings for medical tourism, rehabilitation centres, suggesting in each field appropriate solutions basing on quality and budget needs.

**Reliability**

Reliability is the base of every business relationship which is developed over time.

Well-known and valuable partners, prestigious and worldwide brands, specialized commercial network and prepared and knowledgeable engineers, every step of the customer relationship is followed and managed basing on this principle, from the negotiation to the installation, to the A/S service.

Our departments follow the customer with professionalism and availability to build strong and continuous relationships with each of our customers.

**Service**

Basing on our experience we strongly believe that the A/S service is important as well as the commercial activity.

For all our products we can offer a competent and professional A/S service of specialized engineers and technicians, dedicated and specific tools with the complete support from the manufacturers. Every installation, user’s instructions, A/S service are managed directly by our technical team and in collaboration with reliable and trained local service centers to guarantee a continuous functionality of the equipment and an optimized support for the customer.
The ability to innovate our job and our offer is the prerogative to stay in the market and become a point of reference for many customers and patients. We believe in the innovation and what it can offer in terms of quality of service, saving costs and improving the business.

Our company is specialized in sale and distributorship of some high technological equipment, which were designed to be included in different departments and in different protocols for specialized centres of specific specialities like rehabilitation, angiology and peripheral vascular departments, CSSD, Operating Rooms and others.

Independently from the department on which are addressed, the innovation of our equipment is based on the simplification of specialist’s work, the reduction of social costs and objective results, through high technology and many years of experience of the manufacturers.

**Innovative Equipment**

- Physiotherapy Equipment – Hanmed 3D Newton
- PVD Equipment – Viasionix Falcon

Kinetrac KNX-7000
Hanmed Co., Ltd is a leading manufacturer of medical devices in South Korea, and specifically specialized in new high technological rehabilitation equipment.

With a worldwide network of distributorship and with CE and FDA Certificates, Hanmed reached a number of installations in 5 continents, which nowadays can count on more than 200 units for Kinetrac KNX-7000 and 3D Newton.

A developing company which is specialized in the design and production of physiotherapy equipment dedicated to the rehabilitation and stabilization of spine and back and based on the traditional techniques of the manual therapy. The owner of the company, who is also the inventor and designer of the equipment, is a specialized Korean physiotherapist who developed the machines basing on his experience and traditional manual therapy techniques and theories as McKenzie, Dr. Cyriax, Dr. J. Mill Cox, Williams, Panjabi and others.

Kinetrac KNX-7000 and 3D Newton are the main products manufactured by Hanmed. Both machines are independent and can be addressed to rehabilitation centres, but these machines can also be combined to offer therapeutical and stabilization procedure together.

Thanks to installations and reference centres some specific papers regarding Hanmed products were also published in different countries and many other studies for different indications are in process and will be published.


(2)  “THE SHORT TERM EFFECTS OF THE DECOMPRESSION (KNX-7000) AND TRACTION DEVICE ON PAIN IN PATIENTS WITH CHRONIC LOW BACK PAIN WITH OR WITHOUT RADICULAR BACK PAIN” – So-Hyun Park, Chul-Seoung Kim, Dong-Gyu Lee - Yeungnam, 2011


(4)  “USEFULNESS OF PARAVERTEBRAL MUSCLE FUNCTION USING 3D NEWTON” – Nami Han, Hyung Dong Kim, Dong Seok Lee - Inje, 2011

(5)  “EVALUATION OF EXERCISE EFFECT OF 3D NEWTON” – Yoon Hyuk Kim, Kyunghee, 2013

(6)  “BIOMECHANICAL ANALYSIS OF TWO STEP TRACTION THERAPY IN THE LUMBAR SPINE” – Won Man Park, Kyungsoo Kim, Yoon Hyuk Kim – Kyunghee, 2014
Kinetrac KNX-7000 is a machine which works with 5 main functions:

- Gravitational Traction
- Massage with Roller
- Lateral and Flex/Extension Stretching
- Cervical
- Target Decompression

The soft and programmable gravitational traction, which is calculated from the weight of the person, guarantees a pleasant relaxation of the muscles of the back and/or cervical and, above all, in combination with the massage with the roller, it gives to the person the pleasure of the massage along the whole back distending on an ergonomic mattress improving the posture.

“In terms of clinical treatment, slight traction when muscle is relaxed is effective for disc treatment.” – Dr. J. Mill Cox

Inclination from 0° to 25° manageable by software with the real-time indication of Kg of traction calculated on the weight of the person.

Possibility to set the movement of the roller from 0 to 65 steps to massage the whole back or focus in specific sections.

Lateral bending in both and one side at 0°-5°-10°-15° for the hip joint and lumbar spine muscles stretching.

Flex/Extension stretching at 0°-5°-10°-15° to strengthen muscle of the spine and the lower pelvic region.

Posture correction function.
Disc auto-sensing targeting **decompression system** which can be set by the software or through an automatic detection of the target attached to the body.

Pressing rollers make decompression to the targeted area with traction simultaneously so that the disc space is secured to lead to accurate decompression.

Dedicate accessory for **cervical** treatment with the combination of the functions for a relaxing cervical stretching and massage.

A user-friendly software to manage and set all and create customized protocols basing on the indication, the age and many other parameters evaluated by the specialist or the physiotherapist.

The KNX-7000 has a complete protocol of 15-20 minutes and bases his principles on the relaxation of muscles through soft and pleasant actions managed by the different functions.

*For additional information please look at our website [www.itmedicalgroup.com](http://www.itmedicalgroup.com)*
3D Newton is a multidirectional gravitational training system which works with the gravity force as resistance in different directions to strengthen deep and surface back and trunk muscles, combining the physical activity with a correction of postural perception.

3D Newton is the ideal exercise device for lumbopelvic stability in people with low back pain and to prevent it. Physical and mental activity with an aslope from 0° to 60° and through the biofeedback.

Rotation from 0° to 360° and inclination in 8 different directions to activate different groups of muscles and joints in the back and in the trunk.

Exercises to rivitalize motor nerve, proprioceptive exercises, balance, deep stabilizer muscles activation, muscles strengthen, postural correction and others.

“Active subsystem provides segmental stability and produce movement with stability.” – Gibbons and Comerford

3D Newton gives the possibility, through a precise objective individuation of the level of perception and strenght at the different directions, to make customized training protocol to strength, at the same time, all the muscular groups involved and correct the posture basing on the automatic evaluation of the right position by the person’s mind.

Through a completely open and user-friendly software the specialist can create customized protocol and, changing aslope, hold time, direction or other parameters, train and activate both deep and surface back and trunk muscles.

Strengthen in local and global muscles increase the lumbopelvic stability, which is fundamental for the low back pain.

The combination of this physical activity with the biofeedback indicates 3D Newton also for postural correction, prevention of injuries and other indications.
Possibility to make two different tests to evaluate the person before creating the protocol.

**Test A** for the “sense of balance” to determine at which angle the body of the person becomes unstable in all the 8 directions and **Test B** for the “muscular evaluation” which determines the time after which the body of the person becomes unstable in all the 8 directions.

Self-monitoring of postural alignment through the visual and audio biofeedback with the mini-monitor.

Possibility to measure the exercise and obtain objective graph and informations about the tests, training, the protocol and the comparison with history of the person.

3D Newton has a protocol of 10-15 minutes and bases its principles on the combination between multidirectional gravitational physical activity and the correction of postural perception through a visual and audio biofeedback.

The complete history of each person can be managed with the software and printed.

It is also possible to combine the 3D Newton with a dedicated surface EMG device to measure the activity of surface muscles from the activation during the inclination to the strengthen activity during rotation and hold time.

- Gravity Force
- Multi direction
- EMG
- Visual Biofeedback

For additional information please look at our website [www.itmedicalgroup.com](http://www.itmedicalgroup.com)
SpinalMeter is an Italian company and product owned by Maestrale Information Technology (MIT), a company which was founded as a spin off of an international industrial group in the steel-working field. MIT operates essentially in the field of software production, especially in company management software, RFID (Radio Frequency Identification) and in high-tech innovation projects. Together with our Customers, Maestrale Information Technology has developed software management programs, heterogeneous H/W and S/W platform integration, links with productions lines, decision support tools, geographic and local networks. MIT’s strategy of „Total Integration” is achieved by its constant attention to customer needs, to innovation, to the most effective instruments to maximize investment return, and to continually adopting the best available quality standards.

The combination between the software knowledge of the manufacturer and the scientific support of some important Department of Sports Medicine allowed the development of an innovative and unique product which is the most important equipment of its kind in the Italian market.

SpinalMeter changes the way to study the spinal column. SpinalMeter is a diagnostic aid that allows the detection of postural imbalances of the spine and especially of paramorphisms such as scoliosis, kyphosis, lordosis, as well as calculation of up to three different Cobb angles. The exam uses no radiation and so it is safe to perform periodic repeated checks and to verify the effectiveness of the chosen therapy.

The need of radical change in the diagnostic approach for assessing posture brought Maestrale Information Technology srl, under the scientific direction of the Department of Sports Medicine - ASL 2 - University of Perugia, to create the SpinalMeter medical device. Its correct use provides all information needed to prescribe a therapy targeted to the specific problem, and allows numerous interconnections with other specialised medical practitioners if indicated by the complexities of the diagnostic process.

The study of the product and the introduction on the market was made in collaboration with some important Italian sport federation and the main soccer clubs of the Italian Serie A for a postural screening to professional athletes but not only.
Revolutionary in its kind, unique in the world, SpinalMeter is able to perform a series of biometric measurements with real-time 3D reconstruction of the spinal column, enabling medical specialists to make an accurate diagnosis based on objective data and to prevent and/or detect a number of painful symptoms of the patients.

Unique
SpinalMeter is the only medical device able to analyse the spine through mathematical models.

Zero radiation
Zero radiation for the practitioner and for the patient. It's possible to perform exams on large groups of people and repeat them as needed on any patient.

Immediate
The exam takes just a few minutes. The diagnosis is immediate. Corrective measures can be implemented immediately upon results of the SpinalMeter exam.

The healthcare professional applies markers or selects the predefined anatomical landmarks using the mouse. SpinalMeter, through the images acquired, instantly performs a complete mapping of the body with the 3D reconstruction of the skeletal structure. The software creates the reconstruction based on mathematical (not statistical) models, which allows the processing of the specific clinical case.

The biometric measurements are supplemented by other information that are extremely important for a correct diagnosis, such as the calculation of some angles that are created, the calculation of surfaces, the measurement of Cobb angle(s), lateral and hump evaluation. It is also possible to make comparisons with previous exams and x-rays.

The postural biometric exam is developed in 4 main functions:
SpinalMeter can be addressed to different fields and with different applications and, basing on the experience made with the 50 installations in the Italian market, it can be simply introduce in the continuous work of different specialists.

**Sport**

Postural screening for the entire team in order to set an individual training regime for each athlete; this is the best investment for the team and as well as for the athlete, who will be able to provide higher performance with reduced risks of injuries.

**School**

Postural screening for all students, directly in the schools, in order to prevent dorsal spine disorders during the development phase, when is still possible to intervene in effective and non-invasive way.

Image acquisition is made using thorough digital photography, and so without radiation. This feature is an absolute revolution and makes an enormous impact in terms of prevention, allowing the survey and monitoring of large numbers of people in both public and private healthcare facilities, as well as directly in schools, sports centers, etc...

The possibility to perform an unlimited number of image captures also allows healthcare professionals to measure the effectiveness of the corrective measures that have been employed (arch supports, braces, etc.) and to take immediate actions to re-balance the patient’s posture.

The system has the possibility to be connected with a dedicated stabilometric platform to perform a static and dynamic analysis as well as to evaluate the movement of the body’s center of gravity in orthostatic conditions (stabilometry).

For additional information please look at our website www.itmedicalgroup.com
Viasonix Ltd. is an Israeli company located in the high-tech district of Ra’anana which is dedicated to the development and production of innovative Peripheral Vascular Diagnosis equipments which are addressed to angiology departments, phlebology, vascular labs, cardiovascular departments and other fields connected to the peripheral vascular system.

Everything is followed and developed directly from Viasonix. From the technical configuration to the software, which is continuously updated and improved basing on the market and customer’s needs.

Viasonix distributorship network can cover many countries in the world and the system is unique, setting new standards in professional peripheral arterial diagnosis.

Unique and professional equipment, high technological department for the development of software, specialized distributors and technicians with dedicated service kit, Viasonix has both CE and FDA certificates and it is the unique brand to have both.

Basing on many years of experience in the field, Viasonix developed the Falcon family products, which, basing on the configuration, can be addressed to different customers or centres and have several different indications.

Viasonix products are already sold in many countries in the world and in Europe and have the purpose to improve the specialist’s work connecting different departments, reducing the social costs and creating statistics through innovative software.
Viasonix Falcon is a vascular system which is developed and designed to make a complete screening of the peripheral vascular system, with the purpose to improve the work of the specialist and decrease the social costs and times of these procedures. Viasonix Falcon is available in 3 different configurations to be addressed, for costs and functions, to different departments and different customers:

- Falcon PRO
- Falcon Quad
- Falcon ABI+

These configurations are addressed to angiology departments, phlebology, vascular labs, cardiovascular departments and other fields connected with the peripheral vascular system.

Viasonix Falcon is an unique equipment for its possibility to make different specific tests, for the combination of its functions also simultaneously, for the user-friendly and specific software, for the possibility to generate statistics and much more...

### SSegmental Blood Pressure
- 10 independent pressure channel
- Automatic Test
- Wide cuff selection

### ABI Diagnosis – Quick and Simple
- High quality Doppler and PPG sensors
- Automatic Inflation on Signal Detection
- Simultaneous measurements with 10 cuffs

Ideal for Phlebologists!
Viasonix Falcon can be offered with its dedicated certified cart which gives the possibility to manage the accessories and connect the system with the PC and the printer.

For additional information please look at our website www.itmedicalgroup.com
Mediana Co., Ltd is a reliable worldwide medical devices manufacturer with headquarters in South Korea, specialized in production of patient monitor, vital sign monitor, ECG, Automated External Defibrillator (AED) and more...

Wide range of products, reliability, worldwide experience supported by the branch opened in USA and continuous development of new products as the introduction of the new M50 patient monitor in 2015 to cover the needs of every customer.

**Mediana Product Mission** is to satisfy customers’ needs by developing, manufacturing and selling state-of-the-art and affordable medical technology. Mediana ensure the highest quality management standards in all departments to continuously optimize the manufacturing and business processes and to promote fair and the best business practices. The ultimate goal is to earn the trust of the customers by using imagination and skills to continuously offer them better medical solutions.
Patient Monitor

M20

M30

YM6000

Vital Sign Monitor

M50

YM1000

V10

New product for 2015!
Fetal Monitor/Doppler

Fetal Monitor FM20  Fetal Doppler F10

Electrocardiograph (ECG)

YM812i  YM406i  YM303i  E30/E40

Automated External Defibrillator (AED)

A10  T10  A15

For additional information please look at our website www.itmedicalgroup.com
**Furniture**

**Confindustries - the company**

Confindustries srl is an Italian manufacturer of stainless steel, plastic and aluminum furniture to be addressed to different fields covered by its different divisions.

The staff of our R&D department in Travagliato work according to a strictly-defined design philosophy aimed at restoring the balance between design, concept and functionality.

In our manufacturing plant highly skilled workers forge steel and aluminum using ultra-precise processes that have been the company trademark for 50 years.

High quality products, certified process and production, continuous development for new solutions to guarantee high standard with the flexibility to customize the products basing on customer’s needs.

A worldwide experience of 50 years gives to Confindustries srl the possibility to offer an unique wide range of products to cover the different fields and departments of medical centre.
**Waste Management**
- Waste Trolleys
- Waste shelving storage

**CSSD**
- Sterile instrument packaging tables
- Sterile instrument packaging furniture
- CSSD logistic
- Shelving for storage
- Pass through cabinets

**Laundry Division**
- Trolley for transport of clean laundry
- Laundry Service Cart
- Bag Holder
- Bag Holder

**Dressing Room**
- Customized Cabinets
- Stools and Saddles
- Benches

For additional information please look at our website [www.itmedicalgroup.com](http://www.itmedicalgroup.com)
Medical Interiors

Doimo Mis - the company

Quality is not only the main competition factor and a system of regulations; above all it is a natural vocation of the company in getting things done well in order to meet the expectations and actual needs of the customer. This is why, Doimo Mis invested in human and technological resources in order to optimize the parameters of customer’s satisfaction.

Doimo Mis is an Italian manufacturer of medical interiors developed and designed for customers with different needs as public hospitals, private clinics, nursing homes and others.

The wide product portfolio designed and manufactured in Italy includes electrical beds, bedside cabinets, furniture, technical walls, armchairs, complements, tables and much more...

Leader of the Italian market for quality and references, Doimo Mis has developed a new and efficient international network to introduce the same level of competence, reliability and professionalism world-wide and export the brand full range of products in different countries.

Nowadays quality is still a cultural choice more than a commercial one; non-stop improvement process on which the company always works by developing proper and effective solutions for the organization of its structures and the accomplishment of its products characterised by substantial functional, ergonomic, durable, eco-compatible values. A work in progress that Made in Italy ensures.

The entire production from design is made in Italy at the Doimo Mis headquarter and this gives the possibility to realize customized solutions and offer the complete knowledge to support the customer with suggestions and different products.
Hospital Beds on Columns and on Levers

Wardrobes and cabinets for patients and guests rooms

Visit Beds

For additional information please look at our website www.itmedicalgroup.com
Orthopaedics

Diasu - the company

Diasu is an Italian manufacturer, leader in design and production of systems for foot pressure and posture investigation. The network of sales and installations can be considered worldwide and it has been built and developed during 20 years of experience in the field.

Over the past 20 years, Diasu has developed several technologies up to the actual DBIS (Digital Biometry Images Scanning) allowing a thorough study of the posture standing on and walking.

From the development of the software to the production of the equipment for the measurement of several parameters and the production of dedicated orthopedic items as insoles, orthosis or corset, everything is realized in Italy and everything is dedicated and connectable to create a complete orthopaedic laboratory which gives to the customer the possibility to make precise measurement and realize high quality items.

A unique and complete range of measurement products which allows static, dynamic and stabilometry tests through precise and repeatable measurements, a Bio Postural Index (B.P.I.), a foot scanning, gait investigation, electronic baropodometer test and others.

These measurement products can work in combination with different production equipments for the realization of insoles, lower and upper limb orthosis and corsets.

Everything is connectable and manageable through sophisticated and precise software as Orthomilletrix and Orthoseven to process all the measurements and create from these precise insoles to be manufactured on thermoformable foam materials or any kind of orthotics adding corrective objects.
Diasu - the products

Pressure Platforms

- Linear platforms (Clinic and Walk)
- Slim platforms
- Multisensor module (4 sensors per cm²)
- Ultrasensor module (7 sensors per cm²)
- Stabilometric platforms
- Milletrix or MTX7 software

Electronic Baropodometer

MTX7 software for foot pressure interpretation and Bio Postural Index (B.P.I.)

Static Test

Dynamic Test

Dynamic Test

Podoscanalyzer

- Computerized podoscopes that scans the foot while under load in order to analyze foot’s morphology structure
- The system also allows acquisition of the patient’s shoe sole, useful to verify its use over time
- The image identifies any hyperkeratosis, ulcer mapping management, toe deformities and describes the actual conditions of the plantar arch, measuring length (foot/rearfoot/midfoot/forefoot) and angles (foot, external arch/internal arch).
Compact and trasportable for laser footprint scanning. The measurements are utilized as support for the construction of any type of foot orthotics. The measurements can be sent to CAD-CAM systems and its also possible to produce the outline to be utilized in the manufacture of vacuum orthotics.

### Scanner HandyArt 3D

- Easy-to-use manual Scanner
- Three dimensional evaluation
- Designed for any anathomical body part and in particular for footprint
- Software connected with CAD-CAM machine for automatic sending of measurements

### CAD/CAM machines

- Computerized pantographs for milling of thermoformable materials
- Production of different insoles in few minutes
- Integration of the values recorded with baropodometry systems (static or dynamic) or scans of the foot on foam boxes
- SpeedyCAM version which allows to build four pairs of orthotics in about 40 minutes
- Optional high bridge for postural cushions construction
- Includes dedicated PC

- BodyCut machine
- Computerized pantograph which allows to mill trunk's casts to produce scoliosis braces or braces for spine problems of the adult. It also allows modeling of upper and lower limb orthoses
- The measurements are acquired with a three-dimensional scan
- Unit production connected to multiple remote centers having a 3D scanner to acquire the morphological data of the patient
- Block of polyurethane foam to produce the modified cast (size max diam. 50cm/H 80 cm). Working time about 15 minutes

For additional information please look at our website [www.itmedicalgroup.com](http://www.itmedicalgroup.com)
Roadrunnerfoot Engineering s.r.l., set in Milan Italy since March 2007, is a manufacturer and distributor of innovative walking and running prosthetic feet. The company includes the engineering office and the manufacturing line, offering support before, during and after sale.

The company’s aim is to supply high quality products, with high performance, made of new materials, and constantly controlled during manufacturing cycles. The products are CE marked and comply with CE 93/42 (about medical devices) and ISO standards.

All products are Made in Italy. Therefore Roadrunnerfoot Engineering s.r.l. is the first Italian company that designs, manufactures and sells aids for disabled people and components for prostheses.

The methodology of the design process: each product is designed considering user’s needs starting from Gait Analysis, with normal and disabled people, to define components characteristics, in order to simulate sound limbs. This design’s methodology is unique because it requires high cost technologies, like optoelectronic systems, IR cameras, force platforms and specific software to analyze Gait Analysis.

Roadrunnerfoot is the only company in the whole world that test the products externally, by University of Politecnico in Milan.
After testing the Politecnico gives one official relation about test of products, which is sent to the Ministry of Health in order to have CE Conformity and the Certification.
High tech carbon fiber walking feet designed for different needs and different performance.

Sprinter’s King running foot for athletes.

Carbon fiber foot with the following specifications:

- to eliminate the negative backward force component (FX) during the weight loading
- to reach the fully functional of an healthy limb. The natural muscles and tendons system (gastrocnemius-soleus muscles and Achille tendon) gives just as 90% limb elasticity.
- to reach the maximum peak after mid-stance, just to allow user to exploit the elastic force given by the foot
- to reach more propulsive force advancing than vertical force
Accessories, joints and materials for people and technicians.

To complete the range of products Roadrunnerfoot Engineering can offer materials for corset and orthosis, composite materials, resins and equipments to complete the laboratory from the Gait Analysis, to the industrial ovens for orthopaedics.

For additional information please look at our website www.itmedicalgroup.com