

Portfolio of TechSavvy



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Content

- **About ReStartSMEs**
- **Purpose**
- **Tech Focus**
- **TechSavvy SMEs by Country**
 - Italy
 - Lithuania
 - Romania
 - Portugal
 - Germany
 - Other Countries

About ReStartSMEs



ReStartSMEs is the initiative promoted by the European Commission which aims to build resilience of manufacturing SMEs in automotive, machinery & equipment, food and textile by analyzing their digitalization needs and offering concrete tools to adopt modern technologies such as AI, robotics, cybersecurity & IoT.

The Goal: match the technology providers, traditional manufacturers and supportive organisations to build meaningful connections and together transition to Industry 5.0.

Partners



Purpose

Technology Focus / Strategic Alliances:

The portfolio aims to consolidate a comprehensive overview of tech-savvy SMEs and their innovative technical solutions. It serves as a testament to the strategic alliances forged between various entities, including Mobinov, bwcon, FPI, Clustero, and FBA, highlighting collaborative efforts in advancing Industry 5.0 concepts and technologies.

Solutions:

The portfolio identifies and documents specific technical solutions provided by the selected tech-savvy SMEs. It offers a detailed account of the innovative approaches these SMEs have taken to address challenges faced by traditional manufacturing SMEs.

Value Proposition / Use Cases:

The portfolio elucidates the value proposition offered by the tech-savvy SMEs by showcasing real-world application use cases. It outlines how these solutions are practically implemented within traditional manufacturing processes, providing tangible examples for other SMEs.



Purpose

Relevance of Portfolio & How to Use It:

The document serves as a guide and reference material for traditional manufacturing SMEs aiming to embrace Industry 5.0 concepts and technologies. It provides a brief task description, explaining the relevance of the included technologies and their practical applications. This helps other SMEs understand the context and potential benefits of implementing similar solutions.

Methodology and Selection Process:

The portfolio clarifies the methodology employed for selecting at least 50 tech-savvy SMEs. It outlines the rigorous filtering and engagement process based on data, ensuring that the chosen SMEs represent the best-in-class innovators in the field. By detailing the selection criteria, the portfolio enhances transparency, demonstrating the credibility of the showcased solutions and the expertise of the participating SMEs.



Technology Focus



Cybersecurity



Industrial
Internet of Things
(IoT)



Big Data



Additive
Manufacturing



Digital Twins



Blockchain



Artificial
Intelligence (AI)



Robotics



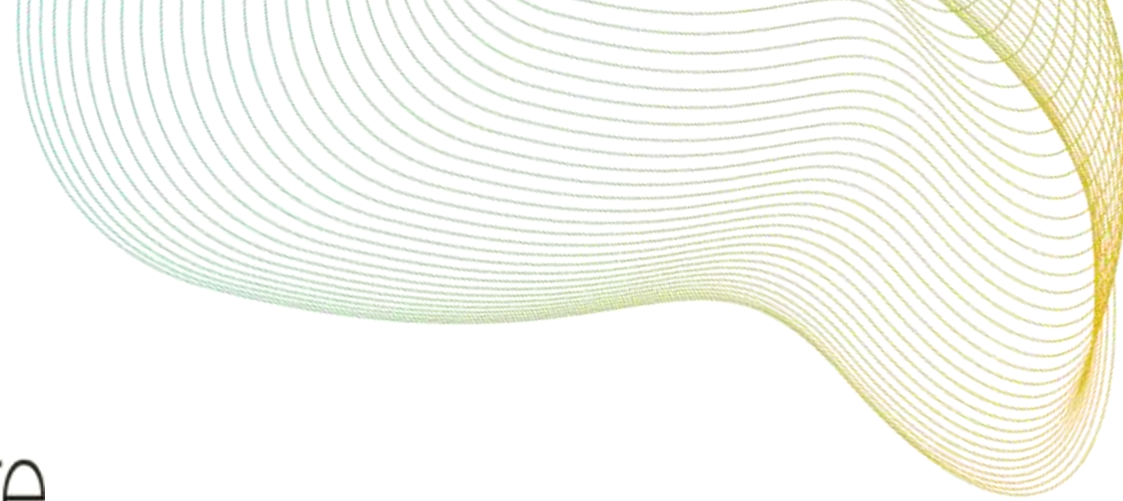
Digitalisation of
Supply Chain



Sustainable
Manufacturing

TechSavvy

Italy





Description

Support in digital transformation related to industry 4.0.

Technology Focus

Big Data Analytics
Artificial Intelligence (AI)
Internet of Things
Connectivity

Solutions

Data protection and security.
Servitisation.

Value Proposition/ Use Cases

[Farmacia Ceriali](#) was one of the first pharmacies located within a shopping centre. They adopted Syneto's hyper-converged infrastructure together with the hybrid cloud concept form the basis on which all digital systems work, from the automated warehouse to the databases. All this in maximum security with instant backups and disaster recovery that is always certain and predictable. The pharmacy was supported by ITCORE.



Description

Product development and innovation management.

Technology Focus

Internet of Things (IoT)
Machine learning – AI
Web and mobile

Solutions

Cleantech product innovation support
Prototyping
AI product development
ICT feasibility and prototyping

Value Proposition/ Use Cases

Kiwifarm assists [Waterview](#) to automatically extract weather information and other warning conditions from camera images installed on infrastructure such as highways, power grids, railways, etc) in the development of its products. i.e. in the deployment process of the solutions, adapting the algorithm execution process to edge computing, enriching and structuring datasets for training and testing the algorithms.



Description

IoT solutions geared towards the control of production plants, automated systems, machines and equipment, even in outdoor contexts.

Technology Focus

Internet of Things
Web and mobile apps
Big Data

Solutions

Product life cycle management tool (pdm/plm)
Grimmy technology is a composite of gateway nodes and a cloud infrastructure where real objects and places interact with the surrounding world and transfer data and information over the network. Thanks to a set of REST API interfaces and gRPC, it can be integrated with other platforms.

Value Proposition/ Use Cases

Sanitisation related to Covid: SANYAPP is the system to digitise all cleaning activities in places and facilities frequented by many people, such as schools, kindergartens, RSAs, canteens and rooms.



Description

Company specialised in the design, engineering and deployment of turnkey machine vision and industrial identification systems.

Technology Focus

Internet of Things
Connectivity, sensors
Deep learning

Solutions

Product life cycle management tool (pdm/plm)
Industrial vision systems and high-performance
machine vision

Value Proposition/ Use Cases

ReStartSMEs' Interview published in
<http://manufacturing-journal.net/magazine/issue1-18/>



Description

Modeling and Simulation.
The company offers support throughout the product life cycle: design, simulation, production, maintenance and optimisation.

Technology Focus:

Big Data Analytics
Simulation
Digital twin

Solutions

Model-Based System Engineering (MBSE).
Computational fluid dynamics
Embedded solutions: hw and sw
Digital twin and virtual testing

Value Proposition/ Use Cases

[Nuvola3D](#)
[SmartF_BMS](#)

Description:

Software engineering and smart IoT.
Strategic consultants.

Technology Focus:

Internet of Things (IoT)
Web and mobile

Solutions

Hardware and Software systems for IoT, including 5G, GPS, UWB and RTLS
Cloud solutions
X-Find software platform processes data with advanced management and safety features



Description

Digital product management, integrating strategy, design and software to help businesses grow sustainably.

Technology Focus

App development
Artificial Intelligence (AI)
Advanced UI/UX

Solutions

Software solutions
App development on iOS/Android
Web platforms
Gamification

Value Proposition/ Use Cases

AppEventvm



Description

Supports sustainability, showcasing its importance and impact in daily decisions and illuminating the way to a truly sustainable lifestyle.

Technology Focus:

Advanced UI/UX
Blockchain & Web3
Connectivity
Artificial Intelligence (AI)
Web e Mobile

Solutions

Impact engagement
APP development
Servitisation
Guide for Living Sustainably

Value Proposition/ Use Cases

AWorld is the [official platform](#) in support of ACTNOW, the United Nations campaign for individual action on climate change and sustainability.



Description

Digital agency with creative developers.

Technology Focus:

App and web development
Design, UI /UX
Blockchain & Web3

Solutions

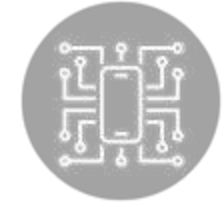
App development/Gamification
Social media & platforms: E-commerce, ChatBot,
Automated Video Platform, Cognitive Services, Virtual
Tour, Immersive Digital Experience

Value Proposition/ Use Cases

[Virtual Tour & Immersive Digital Experience
Casa 500](#)



Digital Pills



Description

Data Insight Company that fosters a data-driven culture.

Technology Focus:

Connectivity, sensors
Digital media
Big data

Solutions

Servitisation
Strategy and data control
Optimized website, digital products, and campaigns through data

Value Proposition/ Use Cases

[IVECO's dealer dashboard](#)



Description

Applications and products for Industry 4.0.
Research and innovation.

Technology Focus:

Internet of Things (IoT)
Web and mobile development

Solutions

MES (Manufacturing Execution System) solutions
Equipped solutions, from eBusiness to supervision and control systems



Description

Implementation of innovation technology. Directional consultancy.

Technology Focus:

Big Data
Web and mobile
Advance computing

Solutions

BI dashboards: KPIs
Digital production management: MES
(Manufacturing Execution System) solutions
ESG and business analytics

TechSavvy

Lithuania

agmis

 **DIPtech**


MATOM AI

VMG "Technics"

AXIOMA
SERVICE

 **ELINTA**
ROBOTICS

 **digiOPTIMA**

CONFITECH

JUKA
INDUSTRIAL NETWORKING

 **SANTAVILTE**

 **NEUROENA**
We believe You can!

KLINKMANN

TECHVITAS
ROBOTIKA



Description:

We have been implementing automated solutions and systems, carrying out repairs of various mechanical, electrical and automation equipment, helping to optimize operational processes, increase the performance and durability of the equipment used.

Solutions

Robot integration and implementation

Remote data reading

Design and installation of SCADA systems

CMMS system implementation

Technologies/ Strategic Alliances:

Industrial Internet of Things (IoT)

Artificial Intelligence (AI)

Robotics

Cybersecurity

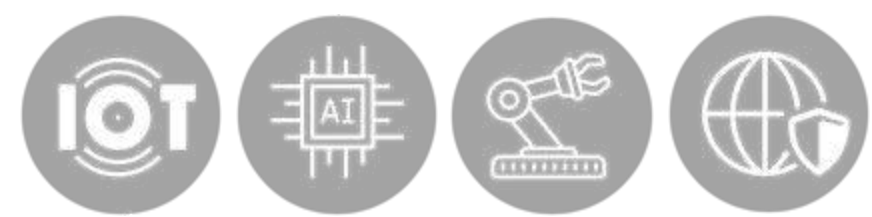
Sustainable Manufacturing

Value Proposition/ Use Cases

Technical preventive maintenance of electrical and automation systems.

Axioma service emergency service service "Help 24/7".

Automated and robotic solutions.



Description:

Custom development company working in the area of computer vision, AI, data analytics.

Technologies/ Strategic Alliances:

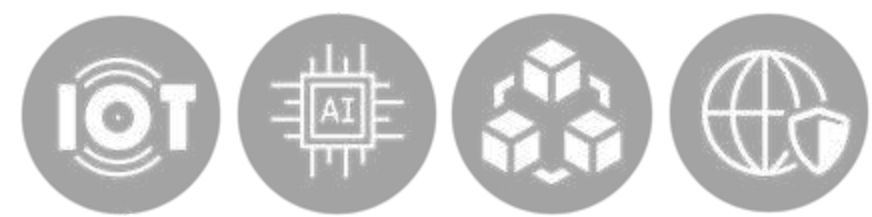
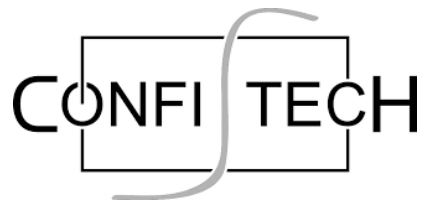
Industrial Internet of Things (IoT)
Artificial Intelligence (AI)
Robotics
Cybersecurity

Solutions

Analytics
Software Development Services
Computer Vision Applications
Accelerate Your Startup Development

Value Proposition/ Use Cases

Cutting-edge Computer Vision and AI software for quality inspection in various industries.
Computer Vision solutions in the automotive industry.
Cloud video security platform development.
Personal Assistant Application for Truck Drivers.
Mobile applications for smart security solutions.



Description:

Software engineers in pursuit of excellence, providing talent for lasting, customized and scalable solutions to grow your business.

Technologies/ Strategic Alliances:

Industrial Internet of Things (IoT)
Artificial Intelligence (AI)
Cybersecurity
Blockchain

Solutions

Custom Software solutions - whether it's CRM, ERP, E-commerce or other.

Value Proposition/ Use Cases

We provide ourselves on a scrupulous selection and mentoring process for our talent that allows us to build on the high standards for coding and project management that our founders stand for.
Product: AnyMoment builds on traditional calendar functionalities to allow for content sharing and messaging at scheduled time.



Description:

digiOPTIMA MB is a growing robotics and IIoT startup in Lithuania.

Technologies/ Strategic Alliances:

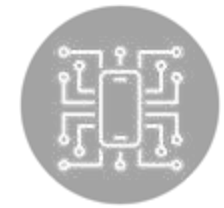
Industrial Internet of Things (IIoT)
Robotics
Additive Manufacturing
Sustainable Manufacturing

Solutions

Robotisation of the machining equipment and digitalization of the process monitoring
Collaborative Robots service
Technical service of CNC machines, connection, staff training, consultations

Value Proposition/ Use Cases

User - friendly collaborative robot cell
Cnc machine and robot cell set.
Hardware components for workshop status monitoring.
Real-time production monitoring system.



Description:

Artificial Intelligence for Industries

Technologies/ Strategic Alliances:

Artificial Intelligence (AI)
Digitalisation of Supply Chain

Solutions

Data analytics, forecasting
Artificial intelligence solutions for manufacturing

Value Proposition/ Use Cases

Data analysis and modelling
Inventory planning system
AI strategy and consulting
Tailor-made AI solutions



Description:

The company is engaged in the robotization of industrial enterprises and the production, design, and implementation of product quality control systems.

Technologies/ Strategic Alliances:

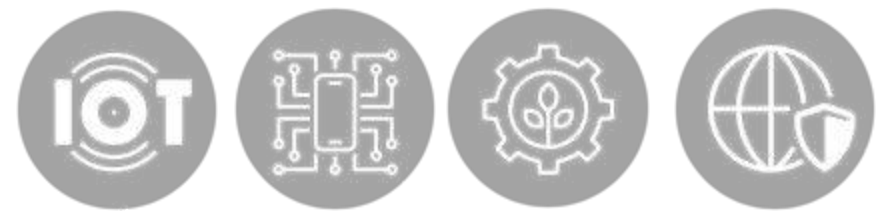
Artificial Intelligence (AI)
Robotics
Sustainable Manufacturing

Solutions

Robotics
Computer Vision Applications

Value Proposition/ Use Cases

Various computer vision systems (software and hardware synergy) are being developed, what enables automation of your industrial activities.
Automatic package transportation and palletizing system.
Assembly of the products.



Description:

Supplier/provider of industrial network equipment and solutions

Technologies/ Strategic Alliances:

Industrial Internet of Things (IoT)
Digitalisation of Supply Chain
Sustainable Manufacturing
Cybersecurity

Solutions

Design and implementation of industrial data transmission solutions.
Development and customization of software according to customer needs.
Audits for industrial networks, topological drawings, etc.

Value Proposition/ Use Cases

Development and customization of software according to customer needs.
Audits for industrial networks, topological drawings, etc.

**Description:**

Digital production automation solutions.

Solutions

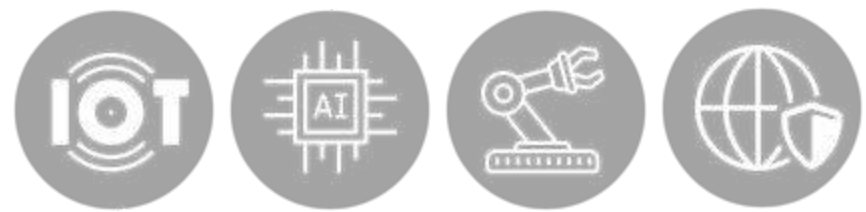
Automation data networks, data security and IoT
Production control system
Maintenance systems
Main control components
Process control systems
Process solutions

Technologies/ Strategic Alliances:

Digital Twins
Industrial Internet of Things (IoT)
Artificial Intelligence (AI)
Cybersecurity
Sustainable Manufacturing

Value Proposition/ Use Cases

Management solutions, databases and reports, OPC systems.
Production data collection, reporting and management systems - MES solutions.
Advanced industrial maintenance solution – APM.
Manufacturing automation, emulate 3D and machine safety solutions.
Remote VPN routers, modems and IoT management software and controllers.



Description:

Digital product development partner for mission critical systems.

Solutions

Design, rapid prototyping, minimum viable product development, end-to-end development, and system integration.
3D/2D computer vision, AI, Robotics.

Technologies/ Strategic Alliances:

Industrial Internet of Things (IoT)
Artificial Intelligence (AI)
Robotics
Cybersecurity

Value Proposition/ Use Cases

3D/2D Computer Vision.
AI and Robotics.



Description:

18 years of international experience in the fields of automation and electrical engineering. Santavilte does electrical and mechatronic system modeling, electrical and control system design, power and control cabinet assembly, PLC, embedded computers, SCADA and monitoring programming.

Solutions

Mechatronics and robotics systems.
SCADA / HMI and PLV programming, automatic control system design services.
Individual and complex automatic control systems for fishing and cargo vessels.

Technologies/ Strategic Alliances:

Industrial Internet of Things (IIoT)
Robotics
Cybersecurity
Sustainable Manufacturing

Value Proposition/ Use Cases

Manufactures and implements mechatronics and robotics systems. We find the optimal solution that optimizes the former process, speeds up and improves the quality of products.
Also automate all the adjacent processes that combine into a single system. This allows not only to monitor or diagnose system failures, but also to predict possible installation wear or failures (predictive maintenance).



Description:

NeuroEna is an innovative pain-free and non-invasive treatment for neurological conditions such as cerebral palsy, Huntington's chorea and various neurological tics.

Technologies/ Strategic Alliances:

Industrial Internet of Things (IIoT)
Artificial Intelligence (AI)

Solutions

It is powered by innovative machine learning algorithms and functional electrical stimulation.

Value Proposition/ Use Cases

Innovative machine learning algorithms and functional electrical stimulation.



Description:

An engineering company that cannot only supply components for your equipment, but also provide the highest level of consulting and service in the field of full production automation / robotics, project implementation.

Solutions

Robotics and automation services
Machine vision systems
Diagnostics
Compressor and compressed air equipment, hydraulic system, etc.
Aluminum profile processing and design
Ergonomic lifting solutions
Design of mobile workplaces

Technologies/ Strategic Alliances:

Robotics
Sustainable Manufacturing

Value Proposition/ Use Cases

Machine vision systems
Robotics and automation services

VMG "Technics"



Description:

Automation and robotization of technological processes in order to optimise operational processes of all production companies, maintenance, installation and repair of industrial equipment.

Solutions

Robotics and automation services
Computer vision applications

Technologies/ Strategic Alliances:

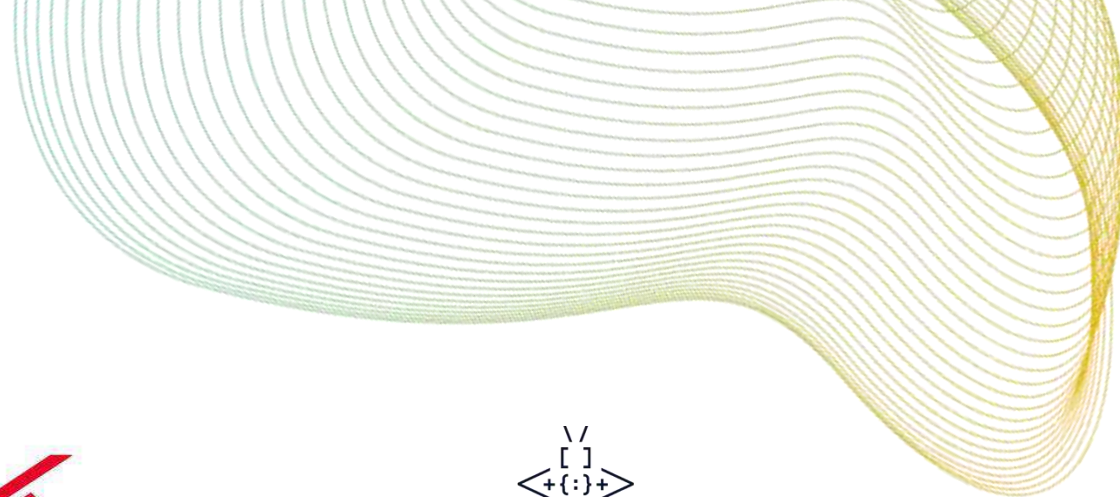
Industrial Internet of Things (IIoT)
Artificial Intelligence (AI)
Robotics
Cybersecurity
Sustainable Manufacturing

Value Proposition/ Use Cases

Visual quality check systems
Fully automatic box packing line
Automatic production box gluing line
Transporters: various types and wide-purpose conveyors and conveyor equipment

TechSavvy

Romania



3DnCode



BusyMachines



FACTORY
all about operational performance



BEE CODED

FORTECH.
PRODUCTS



BIOEURO
KNOWING HOW

HAPTIC



LAND OF WEB
Driven by passion





3DnCode

Description

Small company started by researchers working in the field of space sciences with the aim of leveraging the expertise and results obtained from the research activity, in industrial and commercial applications.

Solutions

Custom software
AI data analysis
Consulting services



Technologies Focus

Augmented Reality (AR) software for training
Virtual Reality (VR) educational software
Time series data analysis software

Value proposition / Use Case

Use of AR/VR technology in support of operations for a Thermal Vacuum Chamber in the context of assembly, integration and testing of space systems and sub-systems at the Institute of Space Science.



Description

R&D private company born in year 2000 specialized in manufactured products fast in-line quality control by using various NDT digital technique.

Technologies Focus

IoT
Artificial Intelligence (AI)
Customer Experience Solutions

Solutions

X-Ray digital radiography
2D & 3D x-ray tomography
Visual inspection
Laser-based 3D dimensional profilers

Value proposition / Use Case

Development of fast prototypes or niche products specially designed for Non-Destructive Testing and Security applications domain, such as: X-Ray Imaging scanners and tomographs techniques, high-tech product design and developing, dedicated hardware and Software equipments for niche industrial products and also in data analysis, reconstruction, correction and visualisation algorithms, etc.



Description

Experienced software consultant and entrepreneur with a focus on business development, sales, analysis, and collaboration with software producers.

Technologies Focus

Cybersecurity

AI

Energy Efficiency Solutions

Customer

Experience

Solutions

Solutions

Business consulting

OPTI software implementation

Custom software development

Value proposition / Use Case

OPTI Software implementation

Business solutions integrator



BusyMachines

Description

Software development company with over a decade of experience, providing high-quality development services to tech-driven startups and enterprises, leveraging cutting-edge technologies for reliable software foundations.

Solutions

Custom software development tailored to client needs
Support for tech-driven startups and enterprises
Expertise across all stages of software development
Building software from scratch or enhancing existing systems



Technologies Focus

IoT
Big Data
Energy efficiency solutions
Customer experience solutions

Value proposition / Use Case

Building complete software products for the new digital economy



Description

Build a scalable digital product to solve problems in your manufacturing
Accelerate your time-to-market, de-risk your business, and make it investor ready with our talent, expertise, network, and software development skills.

Solutions

Capital, network, and expertise to build a product that solves problems in industry.

Technologies Focus

IoT; AI
Big Data; Blockchain
Cybersecurity
Energy efficiency solutions
Customer experience solutions

Value proposition / Use Case

Building and launching full complete digital products



Description

Offers digitalisation services for office environment and is authorised by Romanian Environmental Agency as a waste carrier and WEEE treatment facility.

Solutions

Sustainability management services
Re-use and Refurbishment of ICT products
Managed document & Business Process services
IT infrastructure & Unified Communication services

Technologies Focus

Cybersecurity
Energy efficiency solutions
Customer experience solutions

Value proposition / Use Case

Digitalisation of the green activities in SMEs, waste collection, green statistics.



Description

Company expertise is proficient in carrying out a comprehensive evaluation of your company's technology infrastructure. We also assess your company's innovation strategy and provide recommendations for innovation initiatives that can help you to achieve your business goals.

Technologies Focus

Digitalization

Solutions

Technology transfer
Media partner
R&D consultant
Market reports

Value proposition / Use Case

An effective learning environment providing excellent integration and perception (visual / audible / tactile)



Description

SME offering fully developed competitive portfolio of Industry 4.0 digital solutions for different purposes such as overall equipment efficiency, IT&OT integration, fulfilling the manufacturing companies' standards and regulation.

Solutions

KFactory Core to monitor your production process in real time and identify operator or support staff misbehavior.

KFactory Analytics is an excellent tool for understanding production results and making data-driven choices.

KFactory Knowledge goes above and beyond to identify trends and patterns in your operational processes and estimate maintenance needs, reducing maintenance costs and downtimes and increasing machine running time.

Technologies Focus

IoT
Big Data
AI

Value proposition / Use Case

KFactory supported [ROMBAT](#), a prominent Romanian battery manufacturer with over 40 years of experience, in digitizing its production lines. Within eight weeks, the KFactory system was successfully implemented on a complex vehicle battery assembly line. This initial pilot project, launched in September, demonstrated remarkable efficiency, prompting ROMBAT to expand the monitoring system to four additional lines in April 2022. As a market leader in supplying batteries for cars, trucks, and motorcycles in Romania, ROMBAT continues to strengthen its position through innovative digital solutions.



BEE CODED



Description

High-tech SME scaling tech products from MVP to enterprise.

Technology Focus

Internet of Things (IoT)
Web and mobile apps
Big Data

Solutions

Four-step, agile process enables CTOs to scale projects with speed, flexibility and control: map, sprint, release and refine.

Value proposition / Use Case

Delivering a fully functional gift-giving MVP application within a month before Christmas.
Increasing productivity and cost savings by implementing informed technical solutions for MiShop.local.



Description

SME helping elite companies and top agencies to keep up with tech trends.

Technologies Focus

Extensive range of data- and AI-driven digital services.

Solutions

- Clean code
- Code review
- PM processes
- UX & UI tests
- CMS
- Headless
- eCommerce
- PWA

Value proposition / Use Case

Digital services offered to the second largest company in South-East Europe (OMV Petrom).

TechSavvy

Germany

PERFORMANCE ONE
BRAIN

aiOMATIC
SOLUTIONS

SALLY
SALES ASSISTANT

INCTEC
INCONTEXT.TECHNOLOGY

semantha
the semantic platform

CODEFY

paretos

KIMOKNOW
GEWUSST WO

Bytefabrik.AI
Industrielle Datenanalysen einfach gemacht.

PERFORMANCE ONE BRAIN



Description

Our extensive portfolio of digital services and products ranges from smart data analytics and efficient performance marketing that support decision-making, through the creation of emotional brand experiences, to the building of a future-proof IT infrastructure and in-house, AI-based business models.

Technologies Focus

Extensive range of data- and AI-driven digital services

Solutions

Digital strategy
Smart data and analytics



Description

We want to operate machines so efficiently that people can concentrate on more complex, more exciting tasks.

Technologies Focus

Modular AI
Digital twin
Anomaly detection with integrated sensor data

Solutions

Smart monitoring for cloud and edge

Value Proposition/ Use Cases

Process: prediction of the quality produced by analysing the real-time data from digitally networked machines and systems

Outcome: AI-assisted formation of correlation data for quality assurance based on machine signals; learning of all quality results.



Description

With paretos, optimization measures and future scenarios can be determined more efficiently, quickly, and scalably than with conventional market tools. Our user-friendly decision-intelligence software identifies untapped potential and helps your teams optimize decisions without prior knowledge or the expertise of data science specialists.

Technologies Focus

(Open) AI

Solutions

- Inventroy optimization
- Replenishment planning
- Resource planning
- Demand forecasting

Value Propositon/ Use Cases

Process: Resource Planning can significantly improve inventory and workforce distribution within the company using AI.
Pain: assortment issues.
Outcome: improved resource planning.



Description

ai-omatics maintenance assistant analyses live sensor data from machines and points out anomalies in this data. With the help of a calculated health score between 0 and 100%, which is displayed on a user-friendly web dashboard, ai-omatic provides its customers with a precise insight into the condition of their machines, which they can now monitor easily and conveniently in the browser.

Technologies Focus

AI-driven predictive maintenance
Machine learning

Solutions

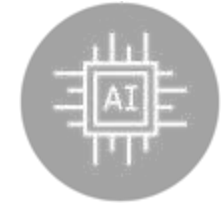
Predictive maintenance software for machine analysis

Value Proposition/ Use Cases

Process: By using ai-omatics model, it is possible to detect and explain anomalies up to three days before the failure.

Pain: detect machine damage as early as possible

Outcome: With the help of the model and monitoring of the machine in live operation, the number of necessary repairs can be reduced.



Description

Where text-driven processes determine everyday work, the Adaptive AI semantha feels at home. It reads and understands large amounts of text in any language – no matter how it's worded. semantha quickly and efficiently processes your information, highlighting only the most relevant and useful. That way, you can focus on what truly matters.

Solutions

Analysis of specifications and requirements
Analysis of OEM framework agreements
Correspondence automation
ESG (CSRD) reporting

Technologies Focus

Artificial Intelligence

Value Proposition/ Use Cases

Pain: Many requirements and clauses have to be read and evaluated again and again.

Process: semantha® supports you in processing new specifications and uses your historical, already evaluated requirements for this purpose. In just a few seconds semantha® reads through the new documents and compares them with your knowledge – regardless of the wording.



Description

The Kimoknow Vision platform enables you to quickly and easily get started with object recognition implementation. With scalable AI training, integration tools, or directly deployable applications, we provide you with everything you need to truly benefit from artificial intelligence.

Technologies Focus

AI object detection

Solutions

AI Vision Innovator Bundle
AI Vision Insight

Value Proposition/ Use Cases

Identification and maintenance of parts
Intelligent check-list for inspection
Support and optimization



Description

Save your B2B sales force hours of data entry and complex CRM screens. Sally AI connects directly to your CRM and becomes a digital sales assistant. As simple as a WhatsApp chat and at least as smart as ChatGPT.

Technologies Focus

Artificial Intelligence

Solutions

- Documentation
- Manage tasks
- Maintain CRM data
- Produce individual questions
- Reports and inquiries



Description

Codefy is an AI-based analysis infrastructure. With the help of Codefy, you can check even very large volumes of documents for legal, business, and technical requirements in a fraction of the usually required time. The intelligent review assistants not only speed up your work, but also ensure that you don't miss a thing.

Technologies Focus

Artificial Intelligence

Solutions

Hybrid AI analysis infrastructure

Value Proposition/ Use Cases

Automate complex reviews, intelligent document review
Collaboration in real time
Structuring of content and documents
Deployment and operation



Description

With our intelligent no-code solution, you can transform your live machine data into value-added data-driven applications.

Technologies Focus

Internet of Things
Artificial Intelligence

Solutions

Improve production efficiency
Gain transparency and understand problems
Build and operate IIOT infrastructure
Develop IIOT solutions

TechSavvy

Portugal





Description

Industry 5.0 startup, focused on virtually eliminating human error in automotive production, allowing companies to avoid poor quality costs.

Technologies Focus

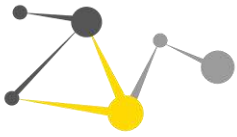
AR (Augmented Reality)
AI (Artificial Intelligence)

Solutions

Kit-Ar Platform:
KIT BUILD
KIT ASSIST
KIT SMART
KIT INSIGHT

Value Proposition/ Use Cases

Process: Assembly of grommets in underbody of car
Pain: the process is not followed by all workers and mistakes lead to either downtime or damaged parts requiring rework
Outcome: effective line balancing that increased Covid-19 resilience and improved takt time in 10% by changing instructions 4 times within the first week of operation.



NM3DIBERICA



Description

Core expertise lies in implementing dimensional metrology solutions across various industries; We offer training, accredited calibration, and maintenance for 3D measurement equipment.

Technologies Focus

Metrology
Reverse Engineering
Retrofit

Solutions

Dimensional Control in Production
Control Gauges
Additive Manufacturing Services

Value Proposition/ Use Cases

Process: Integration of a LK Metrology Coordinate Measuring Machine
Pain: Lack of precision; Manual Processes; Quality Control Issues
Outcome: Enhanced Accuracy; Improved Efficiency; Higher Product Quality



Description

International company that implements industrial automation and robotics solutions;
Technology Integrator.

Technologies Focus

Robotics
Automation

Solutions

Mechanical & electrical design, project and installation
Robots programming
PLC programming
Virtual commissioning

Value Proposition/ Use Cases

Process: Integration of robots and PLCs (Siemens and Kuka technologies)
Pain: Accurate spot welding and adhesive application
Outcome: Increased production; Quality improvement;
Reduced waste; Improved work conditions.



Description

Company focused on the commercialization of 3D solutions, among equipment and consumables, to enhance the production chain of its customers. We make the best use of our knowledge in 3D printing through our consulting and training services in the same sector.

Technologies Focus

3D printing
Prototyping
Production

Solutions

Desktop Metal
ETEC
Zortrax

Value Proposition/ Use Cases

Gullmolar – End use plastic part without tooling



Description

Technology-driven powerhouse, focused on innovation and dedicated to using the latest advancements in robotics, image recognition, and artificial intelligence to revolutionize businesses and enhance the lives of people.

Technologies Focus

Robotics: Hardware & Software
Artificial Intelligence

Solutions

Industrial Products:
Logistic Line
Stacker Line
Fleet Management System

Value Proposition/ Use Cases

FI Logistic Line's Autonomous Robots streamline restocking, enabling efficient object transportation and recognition with 3D imaging, ensuring seamless navigation and productivity boost without infrastructure modifications.



Description

Aim to boost the competitiveness of their customers, through their expertise and knowledge of different fields of Engineering and IT.

Technologies Focus

Advanced manufacturing
Digitalization of the Supply Chain

Solutions

Engineering
Style & Design
Consulting

Value Proposition/ Use Cases

Product design can lead to substantial cost savings, operational efficiency, and customer satisfaction.



Description

Is dedicated to sustainable growth through innovation and high-performance solutions. Their mission focuses on enhancing customer competitiveness via cost-efficient customized industrial solutions and strategic collaborations.

Technologies Focus

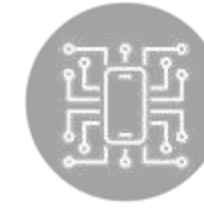
Automation
Robotics

Solutions

Automatic Assembly Lines
Plasma Surface Treatment
Web Handling
Automatic CNC Tending
End-of-line Packaging

Value Proposition/ Use Cases

Zeugma Modular Production Platform (ZMPP) optimizes assembly processes through diverse production simulations, ensuring modularity and adaptability. This approach reduces risks, enhances cost efficiency, and meets changing demands effectively.



Description

Capgemini Engineering helps innovative organizations around the world unleash their R&D potential and engineer the products and services of tomorrow, thanks to the latest digital and software technologies.

Technologies Focus

Data and Artificial Intelligence
Cloud
Cybersecurity
Sustainability

Solutions

Technology, Consultancy & ERD services:
Customer First
Intelligent Industry
Enterprise Management

Value Proposition/ Use Cases

Developing a Cloud Asset Advisor system for Electrical:
This cloud-based Asset Advisor solution focuses on Advanced Asset Performance Management (APM) through Data-Driven maintenance, gathering data from diverse electrical distribution systems using cloud-enabled predictive analytics.



Description

We innovate industry with creative solutions through the knowledge and experience of our engineers, ensuring high standards of quality to provide the best products and services worldwide.

Technologies Focus

Robotics
Automation

Solutions

Test Systems
Automation Systems



Description

Portlaser is specialized in the development and supply of laser equipment for cutting and engraving, with more than 24 years of experience in the field of industrial lasers.

Technologies Focus

Laser Technology

Solutions

Specialize in designing and developing versatile laser systems for processing a diverse range of materials including metals, acrylics, wood, cork, leather, textiles, stone, glass, rubber, plastics, and cardboard. With a strong commitment to innovation.

TechSavvy

Other Countries

HOOB

 ATEMIX

TECH GROUP

OPTIMO  ROBOTICS

smitech

Hæmimont



Description

Broad approach to the problem in order to find the best solution for the client. We test the finished device in our own production as well as after installation at the customer's place. We will eliminate the defects that appeared during the testing as soon as possible.

Technologies Focus

Automation

Solutions

Hoob product portfolio includes standardized production lines, robotic systems, test systems, conveyors, workstations and jigs, which we adapt to the needs of each customer.

TECH GROUP



Description

Tech Group designs and manufactures a broad range of machines and factory automation solutions.

Technologies Focus

Automation

Solutions

Tech Group develops and installs factory automation solutions.



Description

Offers comprehensive turnkey production automation solutions from design to construction.

Technologies Focus

Robotics
Automation

Solutions

Offers various types of production automation services such as the design of electrical and automation systems, industrial software development, complete mechanical engineering services and equipment maintenance.



Description

Full range of services includes process mapping, consultation, digitalization and automation diagnostics.

Technologies Focus

Digitalization

Solutions

Atemix creates complete automation solutions for industries.



Description

Optimo Robotics is a modern engineering company that aims to create innovative solutions and provide professional engineering services.

Technologies Focus

Robotics
Automation

Solutions

Specializes in robotics and factory automation.
Turnkey robotic solutions for different industries.

Hæmimont



Description

Founded in 2004 by a team of Bulgarian and Silicon Valley entrepreneurs to identify and employ exceptional Bulgarian engineering and mathematics talent.

Technologies Focus

Big Data
Internet Base
Expert System

Solutions

Cloud services
Oblak BG
DISK BG
Risk Modeling
Custom software development (Turnkey enterprise-level custom software applications targeted at company-specific needs)

Value Proposition/ Use Cases

Process: use of cloud-base tools for catastrophe modeling to improve their understanding and management of high-gradient flood risks.
Pain: High risk of floods. Increasing the insurance costs.
Outcome: Risk and catastrophe modeler improved flood insurance operations, boosting premiums, reducing losses, and saving costs with HD Models through the cloud, all without maintenance.

Portfolio of TechSavvy



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