



Brazilian Indtechs
in Germany 2025



BiG2025 - Brazilian Indtechs in Germany - is a program created to internationalize Brazilian tech companies that provide hightech solutions to manufacturing companies.

Since 2023, BiG has been a catalyst for the global expansion of Brazilian industrial technology, positioning the country as a hub of creativity, agility, and sustainability. By delivering innovative solutions that generate value and reduce costs for German companies, the initiative strengthens Brazil's presence in the global market and deepens technological trade ties between the two nations.

In its third edition, BiG2025 brings together 11 high-impact scale-ups that serve hundreds of industrial plants in Brazil and beyond. With their sights set on the German market, these companies are entering a crucial phase of cultural and business exchange, where they will showcase cutting-edge technological solutions during a 10-day mission across Germany.

From March 31 to April 9, the delegation will visit Hannover, Mannheim, and Stuttgart, engaging with key industry leaders and exploring new opportunities for collaboration.





DIGIMET Solutions

Description

The automatic measurement of weld beads using AI, reduces the measurement time by more than 90% and ensures repeatability in all measurements performed automatically. The solution also generates the macrographic reports in PDF automatically and in less than 3 seconds. In addition we provide to our customers with a KPI management dashboard with the welding process indicators such as CP, CPK, SPC, Health Chart and others, for real-time monitoring

Business Model

DIS is sold as a service and the monthly fee is calculated according to the volume of use (pay-per-use model). The solution runs in the cloud, which can be any cloud and can also be installed locally in companies. The customer can use the current equipment if it is compatible or use ours. Our SaaS includes: Unlimited access by users and computers at the same time; 24x7 support and Unlimited remote training for all users.

Success Case

"We are very satisfied with the solution, the tool is very good, easy to use and saved a lot of time. Previously, we had an exclusive intern to copy and paste the information for report in Excel and after the second day of using the DIS, we were able to allocate him to another activity in the laboratory . The automatic generation of management charts is a real help, we have greatly reduced inspection time, as before we had to launch everything by hand and now we solve it in one click." D. Sousa / Quality Coordinator / Car seat Tier 1

CLIENTS



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+50
Global Clients

100%
Satisfied Customers

90%
Efficiency gain





Embeddo



Description

Embeddo is a deep tech startup developing cutting-edge hardware and software solutions. We embed intelligence directly into our proprietary sensors and devices, bringing data processing and analysis closer to operations. This enables real-time control, seamless industrial integration, and locally-run AI models that deliver instant insights—enhancing critical processes, reducing costs, and driving sustainable growth.

Business Model

With our HaaS + SaaS approach, we provide hardware on a subscription basis, seamlessly integrated with a scalable SaaS platform that enables remote monitoring and continuous updates. Meanwhile, our TaaS model focuses on developing strategic technologies, leveraging our expertise and solution portfolio to tackle complex technical challenges. Through special projects, we create tailored, industry-specific innovations that accelerate technological advancement and unlock new possibilities.

Success Case

In the automotive industry, our Em100 sensor revolutionizes conformity analysis by precisely assessing door geometry and closure force, enhancing process control and vehicle quality assurance. Deployed in over five plants, it analyzes more than 500 doors daily, significantly reducing manufacturing and development costs while ensuring consistent, high-quality production.

30%
Productivity improvement
>10
Big industrial clients

CLIENTS



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Endelevo

Description

Endelevo is a socio-environmental constructech specializing in sustainable building solutions. It integrates technologies like ventilated facades, vertical gardens, and solar energy systems, replacing traditional construction elements with eco-friendly, efficient alternatives. Focused on innovation, energy efficiency, and environmental regeneration, Endelevo reduces costs, enhances comfort, and increases property value promoting sustainability.

Business Model

Endelevo operates with two business models: direct sales and licensing. In direct sales, it provides end-to-end services, from project design to installation and maintenance of sustainable solutions like ventilated facades, vertical gardens, and solar energy systems. The licensing model offers its innovative technologies to construction companies and intermediaries, enabling them to integrate sustainable practices into their projects. Both models focus on reducing energy costs, enhancing property value, and promoting sustainability.

Success Case

One of Endelevo's success stories is the "Fachada Alvorecer" in Praia de Ubu, Anchieta-ES, which integrated solar energy systems and vertical gardens into a ventilated facade, designed to withstand maritime challenges like intense sea breezes. Additionally, Endelevo partnered with ArcelorMittal to create a sustainable outdoor showroom for steel exposition. This innovative project combined photovoltaic panels, vertical gardens, and natural elements like water and greenery, showcasing steel's versatility in a regenerative, sensory-driven space. Both cases highlight Endelevo's ability to deliver customized, eco-friendly solutions that enhance property value and promote sustainability.



1.5M
Funds for innovation

70%
Energy consumption saved

80%
Energy cost reduction

12°C
Temperature difference

CLIENTS



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I-SENSI

Description

We sense everything! Data collect and analyze for shop floor optimization, process visualization, predictive maintenance, and environment monitoring with cost reduction and performance maximization. We provide an end-to-end IoT + AI Solution, a real game-changer on the shop floor, empowering production supervisors, maintenance workers and process engineers with real time data and AI insights for process improvement.

Business Model

I-SENSI delivers a comprehensive end-to-end IoT+AI solution through a Hardware + Software as a Service (H+SaaS) model, specifically designed for SMEs or small process in large companies, transforming expensive Capex in a flexible and planable Opex.

Success Case

Challenge: Monitor the productivity of a tool shop that supplies the automotive industry to identify the OEE of key equipment, causes of equipment downtime and increase overall productivity. Solution: Implementation of the digitalization of records (First_MES Platform) combined with equipment sensing (Equipment_Sensing), and the Trendz AI tool developed by I-SENSI with real-time data generation and analysis. Results: - Predictability of equipment usage - Reduction of downtime by 21% - Identification of the main causes of machine downtime - Identification of critical parts and prevention - Preventive analysis of part types and processes with early warnings of OEE drops



80
Companies with zero paper

17MM
Cost Reduction in SMEs

4000
AI Sensors installed

20%
Productivity improvement

CLIENTS



STIHL L'ORÉAL

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Infinite Foundry

Description

3D digital twin virtual models that accurately reflect all the characteristics of a physical object, process or service, able to provide a realistic view of the element to support analyses, projects and interpretations. Features: 3D laser plant scan; Interior walkthrough; Real time animation of production line; Detect root cause of production problems; Plant and process simulation; Ergonomic motion analysis; Worker virtual training.

Business Model

Infinite Foundry sells a software that processes the data from laser scan to obtain a 3D model of the building and the and production equipment. Typically in the first project we deliver the turnkey service. This includes the scan, the 3D scenario which is already connected to the factory. From there it is the customer using the software.

Success Case

The first contact with Mercedes-Benz was for the simulation of a truck part that showed premature wearout. "The benefit was visible and immediate, through the simulation the engineering could correct it, after that we carried out two more projects and the results were also effective", says the company's systems development manager, Giuliano Silva.



+30
Big Industrial Costumers
HM23
Siemens Energy
+30%
Average Efficiency Gain

CLIENTS



SIEMENS



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MA.IA Solutions

Description

MA.IA Solutions is an Artificial Intelligence provider focused on agricultural and industrial applications. Using AI and computer vision, it automates inspection and analysis processes, solving critical challenges in these sectors. In agribusiness, it offers greater precision and efficiency in the counting and evaluation of grains and seeds. MA.IA promotes digital transformation, ensuring more control and precision in production processes.

Business Model

MA.IA operates on the SaaS (Software as a Service) model, providing software licenses and annual maintenance. Its solutions use Artificial Intelligence and computer vision for automation and real-time inspection in manufacturing. With a scalable and customizable model, it enables industries across sectors to optimize production, reduce failures, and make data-driven decisions, enhancing efficiency and reliability in industrial processes.

Success Case

MA.IA Solutions has implemented its technology at SEW Eurodrive, automating assembly inspection and ensuring that 100% of defects are identified, eliminating human variability. The solution aids decision-making and provides a detailed history of faults for more precise corrections. It also supported the implementation of an automated seed counter, replacing traditional methods with computer vision. This optimized agricultural production and increased efficiency in precision agriculture. These cases show how MA.IA's AI increases productivity, reduces costs and improves industrial precision.

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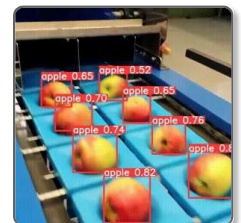
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+30%
efficiency

100%
inspection-max automation

99.6%
accuracy, reliability

-80%
less inspection time





Melvin

Description

Melvin is a comprehensive cloud-based CMMS designed with technicians in mind. Our intuitive and user-friendly platform is accessible via web, Android, and iOS apps. Additionally, we offer hardware solutions to monitor vibration, temperature, and inclination in real time. Melvin seamlessly integrates with any ERP, Power BI, and IoT sensors, ensuring efficient maintenance management and data-driven decision-making for your operations.

Business Model

The monetization plans are SaaS/Haas models and can be paid monthly or annually. Moreover, there is a one-fee for implementation and support. In case of integrating the SaaS or Hardware with another system, such as ERP, Melvin's team needs to be contacted to provide a quotation.

Success Case

"Here at Maintenance at LATAM Airlines Brazil, we started using Melvin in November 2020. Using this software has brought convenience and is generating great results. We are evolving more and more with this tool, including making expansions." Raul Mendonça – Maintenance Engineer

4
countries using
+5%
Machine availability
+400
Clients
-49%
Corrective Maintenance

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Mogai

Description

Mogai creates solutions to monitor production, processing, and logistics of agricultural products and the industries that process them. Our solutions measure grain and liquid volume, flake thickness and granulometry, thermal inspections, etc. based on computer vision, machine learning and AI to automate and improve complex processes. Mogai was named by Gartner as the only Latin American company among the main global computer vision providers.

Business Model

One-off and recurring measurement services . Rental of measurement equipment and related services . Development of customized projects and solutions

Success Case

Mogai developed a family of industrial cameras called HammerHead after a decade of R&D. The first one, HammerHead 3D, uses stereoscopy to create 3D models with the real dimensions of everything in the images. Our first solution is for measuring the volume of stockpiles of ore, soybeans, wood, and others. Along with Cargill, we've evolved a new HammerHead that applies to soybean crushing, measuring soybean flake thickness with submillimeter precision. This is a major worldwide innovation, allowing new solutions to submillimeter-measurement problems, besides bringing great value to soybean-crushing mills in Brazil.



\$2MM
2 million revenue in 2024

28xG
28X growth since 2018

70+T
70+ highly qualified team

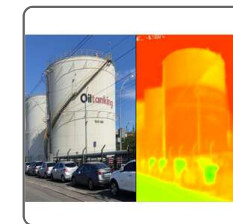
40+C
40+ big clients in Brazil

CLIENTS



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QualityStorm

Description

QualityStorm boosts industrial productivity by digitizing and automating inspections with AI. Our platform turns manual inspections into digital, integrated workflows, ensuring real-time data collection and analysis. By leveraging AI and computer vision, we enhance quality control, reduce errors, and optimize decision-making, benefiting industries like automotive, pharmaceuticals, and food manufacturing.

Business Model

QualityStorm operates under a SaaS (Software as a Service) model with recurring monthly subscriptions tailored to company needs and usage volume. Revenue streams include subscription plans, implementation services, and system integrations. The platform enables industrial clients to digitize inspections, leveraging AI to automate decision-making.

Success Case

QualityStorm partnered with Randon, the largest manufacturer of trailers and semi-trailers in Latin America and one of the top 10 globally, to enhance weld inspection processes using AI and computer vision. By training our machine learning model with thousands of weld images, we automated defect detection, reducing inspection time and human error. This led to a significant increase in quality control efficiency and a 95% reduction in non-quality costs. The project optimized Randon's validation process, improving precision and scalability while integrating seamlessly into their production workflow.

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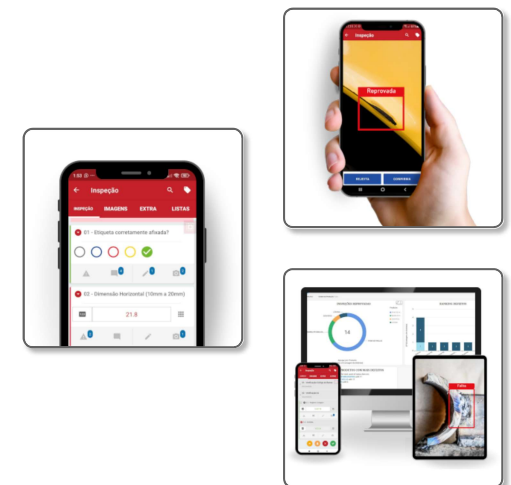


2M+
Completed Inspections

60%
Operational Cost Save

95%
Non-Quality Reduction

40%
Reduction of Process Time





Strokmatic



Description

Strokmatic specializes in AI-driven systems that enhance quality assurance and maximize productivity in manufacturing. Our robust solutions thrive in challenging industrial environments, seamlessly integrating AI, IIoT, Systems Integration, Cybersecurity, Cloud Computing, and Data Science into production lines. By leveraging cutting-edge technology, we empower industries to achieve higher efficiency, precision, and reliability in their operations

Business Model

Our Growth Strategy drives new technologies for expansion and global reach, enabling Strokmatic to serve industries in the U.S., China, and Germany. We offer two models: Solution Sale – One-time hardware purchase, perpetual software license, and one year of support, with optional updates. Recurring Model – Hardware on loan, integration fee, and a monthly subscription for updates, AI improvements, and support. This flexibility lets industries adopt AI solutions to fit their needs.

Success Case

Spot Fusion An inline spot welding inspection system powered by specialized AI models that analyze weld integrity. Delivers objective welding data with full real-time traceability of the production process. **Die Master** A unique supervisory system for real-time monitoring of metal stamping. Uses advanced sensor technology to analyze material stretching, detect process anomalies, and guide corrective actions on stamping dies, ensuring optimal quality and efficiency. **Vision King** An AI-driven surface inspection system for metal, paper, plastic, and fabric, offering flexible, seamless integration and fast, reliable defect detection—even in hazardous environments.

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Vitau Automation

Description

Scalable Industrial solutions through the combination of IoT and Digital Platforms! We integrate digitalization in industrial processes: production (scheduling, planning, production monitoring and reporting, continuous improvement); maintenance (service orders, preventive plans, asset monitoring, checklists and inspections); and quality (non-conformities, root-cause, calibration, action-plans, docs). We democratize access to Industry 4.0!

Business Model

SAAS - Software as a Service & HAAS - Hardware as a Service (software licencing, according to the modules available - may be contracted separately; and loan for use of IoT devices - if needed).

Success Case

[SOFTWARE] Massive deployments in tools/dies makers that supply the automotive / white-goods market (focusing on production monitoring, planning and reporting) - Increasing OEE up to 30%. [HARDWARE] Over 800 assets (such as CNCs, serial production machines...) monitored using our hardware solution - bringing visibility, mapping bottlenecks, improving performance (achieving improvements of 30%, with gains of 6-digits USD). [OTHER] Architecture, developing and implementation of industrial systems in steelmaking, tempering and rolling lines at Vallourec worldwide, with massive gains on logistics, digitalization and metallurgical/thermal models deployment.

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3
Main Modules

800+
Monitored Assets

8+
Global Customers

400%
Growth (last 2 years)





Brazilian Indtechs
in Germany 2025

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