Hi Technologies, a Brazilian medical technology company founded in 2004, develops and manufactures innovative healthcare solutions such as the Milli Pulse Oximeter for patient monitoring, and the Hilab Service online laboratory testing platform.

Hi Technologies designed the Hilab solution to empower patients by facilitating access to laboratory tests and yielding expedited test results, even in remote locations lacking physical labs. The Hilab provides operators and patients in-depth medical information, free online content, and easily consumable laboratory reports.

The Hilab is a portable laboratory service based on Windows 10 IoT devices and leveraging Azure for checkpoint, database, security, and storage infrastructure. The Hilab delivers laboratory test reports quickly and conveniently, with sample collection performed without the use of needles, and results, signed by a licensed expert, provided in approximately 10-20 minutes.

Azure provides the Hilab with limitless agility and scalability, allowing for data collection, regional disease pattern identification, customized report generation, and predictions based upon artificial intelligence algorithms.

Quick and convenient testing access
The Hilab transforms the user experience for both healthcare professionals and patients. Due to the speed and portability of the solution, the lab can serve places that were previously inaccessible. For example, a clinic in Sena Madureira in Acre did not have a nearby lab and test results took weeks to obtain as samples needed to travel a great distance. By employing Hilab, patients are now able to obtain results locally, in only minutes.

Currently available in 21 states and 60 cities in Brazil, Hi Technologies is targeting sales of 10 million exams in the next 5 years—delivering quality healthcare at an affordable price to as many regions as possible.
Hi Technologies is a medical technology company founded in 2004 by Marcus Figueredo and Sérgio Rogal at the Technological Incubator of Curitiba (Intec). Hi Technologies develops and manufactures innovative health solutions and was the only company in South America, or the health sector, to participate in the global pact of the ONU (United Nations) in 2015. The report “The Future of Spaceship Earth” included 17 companies that have the power to drive sustainable change around the world.

Impactful medical solutions

The Hilab is a portable laboratory service, based on Windows 10 IoT devices and leveraging Azure for checkpoint, database, security, and storage infrastructure. The Hilab delivers laboratory test reports quickly and conveniently for potentially over 100 types of exams, with sample collection performed without the use of needles, and results, signed by a licensed expert, provided in approximately 10–20 minutes.

Hi Technologies designed the Hilab solution to empower patients by facilitating access to laboratory tests, even in remote locations lacking physical labs. The Hilab provides operators and patients in-depth medical information, free online content, and easily consumable laboratory reports.

Azure provides the Hilab with limitless agility and scalability, allowing for data collection, regional disease pattern identification, customized report generation, and predictions based upon artificial intelligence algorithms.

Easy access to testing, quickly and conveniently

The Hilab transforms the user experience for both healthcare professionals and patients, and acts to democratize access to services where efficient laboratory testing has been limited in the past.

Thanks to the portability and efficiency of the solution, the lab can serve places that were previously inaccessible. For example, a clinic in the city of Sena Madureira in Acre did not have a nearby lab and test results took weeks to obtain, because samples needed to travel a great distance. By employing Hilab, patients are now able to obtain results in a matter of minutes.

Currently available in 21 states and 60 cities in Brazil, Hi Technologies is targeting the sale of 10 million exams in the next 5 years, delivering quality healthcare at an affordable price to as many people and regions as possible.

“Our technology solves a clear pain point in Brazil. Having lab exams is expensive and time-consuming for most patients. Performing lab exams in pharmacies satisfies a real need of the population. We offer testing that is quick and affordable to anyone. We are happy to be making a difference in the health sector”

—Marcus Figueredo, CEO, Hi Technologies