A brand new vision around and about AOI.
Company organization

Delvitech SA is a Swiss company dedicated to design, develop, engineer, produce, manufacture, and support **Optic Inspection** systems.

Delvitech SA functions in three main businesses units:

1. **R&D & Manufacturing**: their primary responsibilities are product innovation, technology researching and system integration & manufacturing.

2. **Sales and Marketing**: operates, conducts and manages business development relations at global scale through direct offices, distribution and representative channels.

3. **Customer Support**: manages the availability of spare parts, upgrades, training, application supports and technical assistance all around the world.
Heritage, Mission & Vision

Delvitech’s AOI technical & commercial experience becomes from solid roots and experienced direct working staff with years of hands on experiences in the field.

Our company goals are to develop technologies for High Tech Sectors, to innovate unprecedent technology solutions representing markets breakthroughs.

“Make AOI a quality standard Asset throughout and beyond the PCB industry.”
Delvitech
Swiss Precise Technology
Founders & Shareholders

Delvitech has been founded by people who have played key roles in the Global PCB industry and have gathered to put together new vision and goals about this sector.

The Company benefits of strong financial and entrepreneurial support of state-owned TiVenture, one of Switzerland’s major venture funds that specializes in high-end industrial technologies.
People & Places

The Board of Directors of the Company consists of Managers with strong knowledge in the financial as well as in the electronic industry market.

Delvitech SA operates in Switzerland with the aim of bringing together an international R&D team with the research premises of the University of Italian Switzerland to create top-class optical inspection technologies that can be applied to different sectors.
Delvitech: the smartest option for Full-3D AOI

The “smart” concept is widely applicable in Delvitech products.

Artificial Intelligence is at the heart of the system.

Delvitech is an OEM & Sub-Contractor partner in the PCB assembly supply chain, operating in Full-3D AOI systems with the most advanced technologies.
Optical Inspection Head

The Optical Inspection Head consists of high end technology top and side cameras with additional sensors, allowing our systems to effectively inspect, and control production processes as SMT, THT, Selective Second Stage Soldering, including various components heights & packaging sizes detections, guaranteeing reliability and precision in every step of the process.

The Delvitech Optical Inspection Head operate from significant distance from the PCB undergoing inspection, making it possible to test tall components with an accuracy better than 5 microns.
Delvitech SA delivers Full-3D AOI high-performance solutions, based on technologies able to guarantee the effectiveness of PCB manufacturing processes, and quality of finished products.

The Delvitech systems meet four industry requirements:
• Detect and classify errors and defects accurately
• Ensure high production outputs and quality rates
• Require short programming times
• Guarantee in-depth analysis.
THE NEAR FUTURE

On-board AI, cost reduction, unprecedented productivity.

Delvitech collaborate with the Academic School of Applied Sciences of Italian-Swiss regions. Together we are developing technologies and platforms for optical inspection, and extending Artificial Intelligence capabilities that will achieve three unprecedented possibilities in the PCB sector:

- **Update** existing AOI machines, improving their capacity of detection and their speed of execution
- **Create** new machines, that are faster and more productive thanks to self-learning and adaptability powered by Artificial Intelligence
- **Develop** an exclusive and new technology to control the entire production process with all the phases integrated in a single database and in a single programming environment.
Delvitech distributes **spare parts** and delivers software **maintenance and upgrade** for Orbotech and ORPRO Vision AOI systems, with particular regard for these models:

- Trion 23xx
- VT8000
- VT9000
- Vantage
- Symbion S
Delvitech SA
Piazzale Roncàa 4
CH-6850 Mendrisio, Switzerland

Phone +41 91 646 07 78
info@delvi.tech

www.delvi.tech