

**INFOTECH**  
automation



## COMPANY PROFILE

Your partner for innovative processes and production systems

## HISTORY

Infotech AG is a Swiss based company located in Solothurn, in the heart of the high precision watch industry in Switzerland. Since the repositioning in 1999 Infotech has continuously grown to an international active company with more than 100 qualified employees. The roots of Infotech reach back to the year 1984, when the company started to develop software for a Swiss assembly machine manufacturer.

### Company History

- 1984: Company registration, focus on selling software products
- 1985: Developing pick and place software for Zevatech AG
- 1995: ESEC acquires Zevatech Semiconductors, Juki Zevatech SMT
- 1999: Infotech AG is being repositioned in Solothurn
- 1999: Partnership in the Americas with Air-Vac Automation (AVA)
- 2001: Desktop systems, Infotech component matrix
- 2003: Production cells, Infotech component matrix
- 2007: Complete production lines, Infotech component matrix
- 2010: Partnership in Asia with Advanced Global Alliance (AGA)
- 2013: Partnership with Pink Thermosystems
- 2019: 1400 successful installed systems at customer sites worldwide

### Product Introductions

- 2000: IP-1000 Desktop semiconductor assembly system
- 2002: IP-500 Desktop micro component handling system
- 2005: IC-1000 Production cell with IP-520 platform
- 2011: Product optimizations for production of power modules
- 2013: Production cells IC-900, IC-1200, IC-1800 and IC-2000
- 2014: IP-100 and IP-620 platforms
- 2014: First fully automatic watch movement assembly line
- 2015: First assembly line for the pharma industry
- 2016: Product optimizations for Eutectic bond systems
- 2017: Multichip die bonder with 12" wafer support
- 2018: Overall solution for your Power Module applications

## VISION

The requirements of all participants, in particular of our customers, define our actions: We are curious, open to new ideas and solutions and to strive to exceed all expectations.

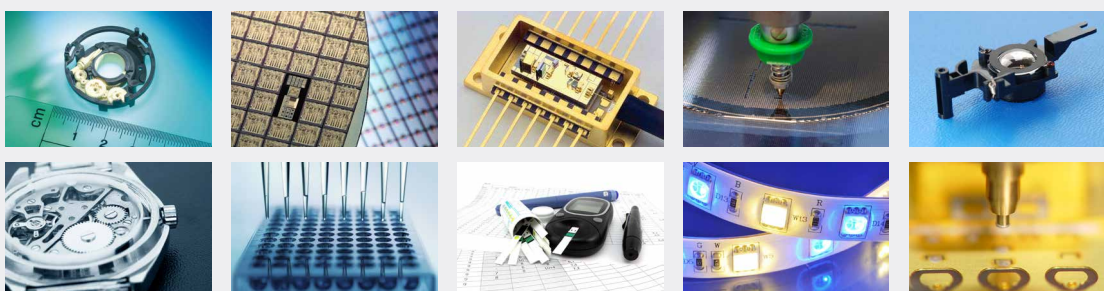
Utmost precision, reliability and flexibility are the focus of our products and of our internal processes. Solid long term relations with customers, technology partners, suppliers and employees are the basis of our success. The extreme high level of education and the continued training of our young employees, guarantee a reliable and smooth level of customer support. More than 30 years of experience in the development of automation software, in design work and process engineering with a highly motivated and experienced team enable Infotech to set milestones again and again.

## RANGE OF PRODUCTS

Infotech AG develops, produces and delivers peripherals and platforms designed and optimized for manufacturing solutions requiring highest quality. Our internal hardware and software development works out customized solutions for fully automatic dispensing of a high variety of fluids and for the assembly of smallest delicate components. Highest precision Cartesian portal systems make it possible to effect any combination of manufacturing processes on smallest work areas. Depending on the requirements of the customer, the processes are realized on desktop systems, on production cells or using cells within an entire production line. For the realization of engineering challenges Infotech is able to use its own highly qualified engineering team and a professional supplier network.

Using the proven real-time controller system with the integrated vision utilities, as well as Infotech's own application software VisualMachines™, which is being enhanced ceaselessly, make the products of Infotech actual high-tech solutions for highly precise, reliable and flexible manufacturing processes.

## APPLICATIONS

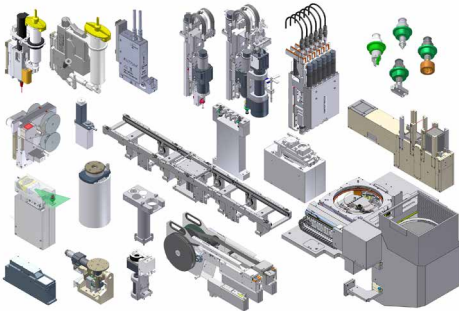


- Electronics
- Semiconductor
- Automotive Industry
- Watch Industry
- Micromechanics
- Optoelectronics
- Biotechnology
- Pharma

## PRODUCTS

Innovative application solutions and Swiss precision are combined on multi functional production platforms, allowing very flexible and highly precise automation processes and application solutions on smallest work areas. It is possible to handle smallest components and smallest amount of fluids for applications in various market fields. The engineering of the products are realized 100% in Switzerland. In addition local, flexible and reliable suppliers are preferred.

### Component Matrix



Due to major investments into the research and development of strategically needed peripherals, it was possible to build the Infotech Component Matrix. Based on these modules, reliable products can be realized as flexible as building special application machines, but with an extremely high quality level comparable with standard machines. Process specific, modular and nevertheless standardized. The comprehensive selection of production cells, robotic platforms, components for assembling, dispensing and feeding, allows to realize highly precise and reliable processes on smallest areas. Communication with external MES-Systems can be established using SECS/GEM or any other propriety protocols.

### Desktop



Desktop system with wide open access but safe operation due to reduced axes speed and axes force. The machines are equipped with maintenance free linear motor axes, which can be positioned in the  $\mu\text{m}$ -range. The perfect platform for process development, prototype assembly and manufacturing of small series with the same high standard of quality and reliability as the production cell. Applications and process parameters can be transferred to a production cell or production line without modifications.

### Production Cell



The IC-Production cells have been developed to support high quality level processes. A solid base with a massive machine plate is building the foundation for the dual linear motor Cartesian robots and the peripherals from the Infotech Component Matrix, which allows high performance combined with an utmost precision. The IC-Production cells are clean room compatible and ESD-proven. It is possible to use the production cells stand alone or integrated with multiple other production cells within a production line using SMEMA communication interfaces. The safety cover in form of a rolling gate in the front of the production cell protects the operator from unauthorized access to the active robot area with moving axes. The user interface including stack light, flat screen, keyboard and touch panel provides the interface to the operator.

### Customized Plant Construction



It is possible to develop special customized machines using modules from the Infotech Component Matrix combined with modules from other suppliers. Our strength is to use the proven control system in combination with the integrated vision libraries, developing new peripherals, which can be added to the component matrix and integrate third party peripherals. Customized modules from other suppliers can be laser welding, laser marking, sealing test units, optical tests and many more. Beside single solution machines it is also possible to support entire production lines that way, always with the proven control system and application software VisualMachines™.

# INFOTECH automation

Exceeding your expectations

## MANAGEMENT BOARD



**Ernest Fischer**  
Chief Executive Officer



**Heinz Zimmermann**  
Prinzipal

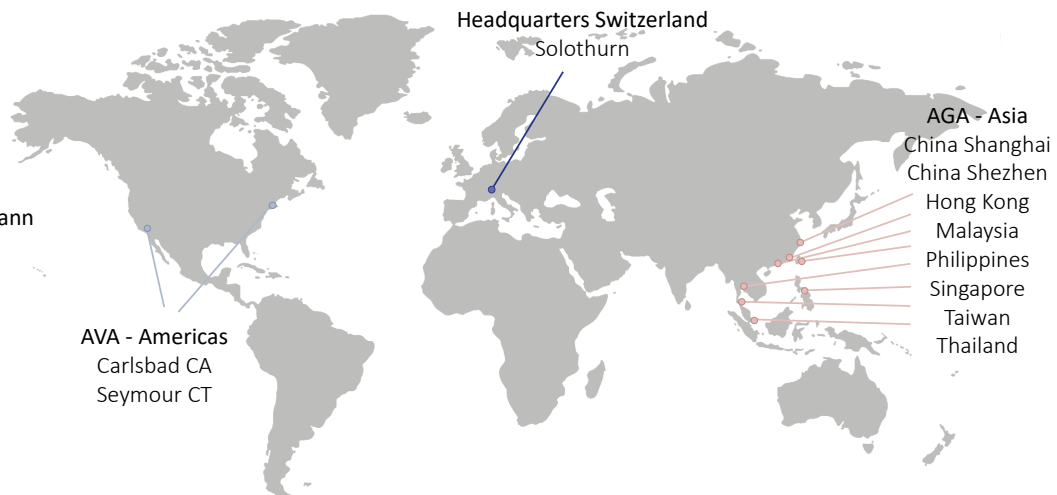


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