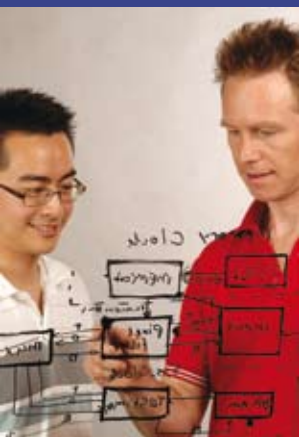


Technolution – innovative design solutions

Since almost 25 years, Technolution provides innovative design solutions to major high-tech companies, specialising in the development of innovative and cost-effective technology for complex problems.

Technolution invests time and effort in order to find the path to success for our clients and to help them follow it. Our ambition is to create lasting partnerships with our clients based on joint success. The development of solutions is organised in projects. Clear agreements are made in advance regarding functionality, performance, costs and planning. If desired, we offer feasibility studies and analysis of requirements and specifications. Technolution can also arrange the entire supply chain for the products developed, as well as performing life cycle management.



Passion for technology

Technolution's employees are technically gifted and have a passion for technology. They like to dig right down to bit level, they work as a team and they are constantly developing new skills. Integrated project management of multidisciplinary teams, including partner companies, is embedded in our development approach. This is the key success factor in devising high-quality solutions to challenging problems within high-tech industry.

Expertise

- Requirement analysis
- Feasibility studies
- System architecture
- Multidisciplinary system design and development with:
 - analog and mixed-signal electronics
 - complex digital electronics
 - electronics for harsh environments
 - power electronics
 - programmable logic and FPGA design
 - embedded software
 - mechanics
- Verification, qualification and certification
- Production preparation and fulfillment

Competences

Solutions developed by Technolution can be found in many market segments, including medical imaging and treatment solutions, semiconductor equipment, professional printing machines, laboratory equipment and utility machines. The applications focus on high-speed data acquisition and data processing, motion control and complex power supplies. We possess years of expertise in complex and innovative designs that require digital data processing using high-speed data paths, mixed-signal electronic designs and high-efficiency power drives.

Motion-control platforms

For the development of high-performance motion-control platforms, Technolution combines its analog-electronics expertise in high-efficiency power stages with its knowledge of position, proximity and velocity sensors. The innovative approach to digital signal processing combines flexibility of model-based software-development tools with the performance and reliability of hard-wired solutions. This way, clients can achieve best-in-class control performance at minimal development costs. Technolution's solutions can be applied for all sorts of motor drives, including piezo motors. The medical-grade motion-control platforms comply with the most stringent safety standards and are used in treatment systems.



Technolution headquarters are in Gouda, the Netherlands.

Information

www.technolution.eu/high-tech