

## Innovative High-End Mechatronic Solutions



### Our company

MI-Partners is your contract R&D partner for the development of high-end mechatronic systems. Offering the complete cycle of feasibility study, concept development, design, realization and testing of high-tech systems, MI-Partners can assist you in achieving innovative breakthroughs. MI-Partners develops, builds and tests one of a kind systems and prototypes.

### Our competences

- System architecture
- Precision engineering
- (Advanced) motion and equipment control
- Electronics
- Predictive modeling (dynamic/thermal)
- Embedded software
- Dynamic error budgeting
- Vibration isolation (active & passive)
- Polymer damping
- Air bearing design
- Actuator design
- Design for vacuum/contamination
- Cryogenic systems
- Magnetically levitated systems
- Optomechatronics

### Our team

Our engineers are passionate about innovation and mechatronic development in particular. They have extensive experience in project-based working, obtained recognized results in their field and positively surprise customers with innovative solutions. We have close ties to the academic world providing us with the latest technological developments.

### Our markets

- Semi-conductor (back- and front end)
- Healthcare
- Aerospace
- Automotive
- Seismic imaging
- Synchrotrons
- Research institutes

### Mechatronic Research

To constantly increase our mechatronic expertise, MI-Partners invests in mechatronic research programs. Knowledge is developed within research projects that are based on future market needs and academic research. Hereto, new technology is developed, implemented and tested. If you are interested in participating in our research programs, please contact us.