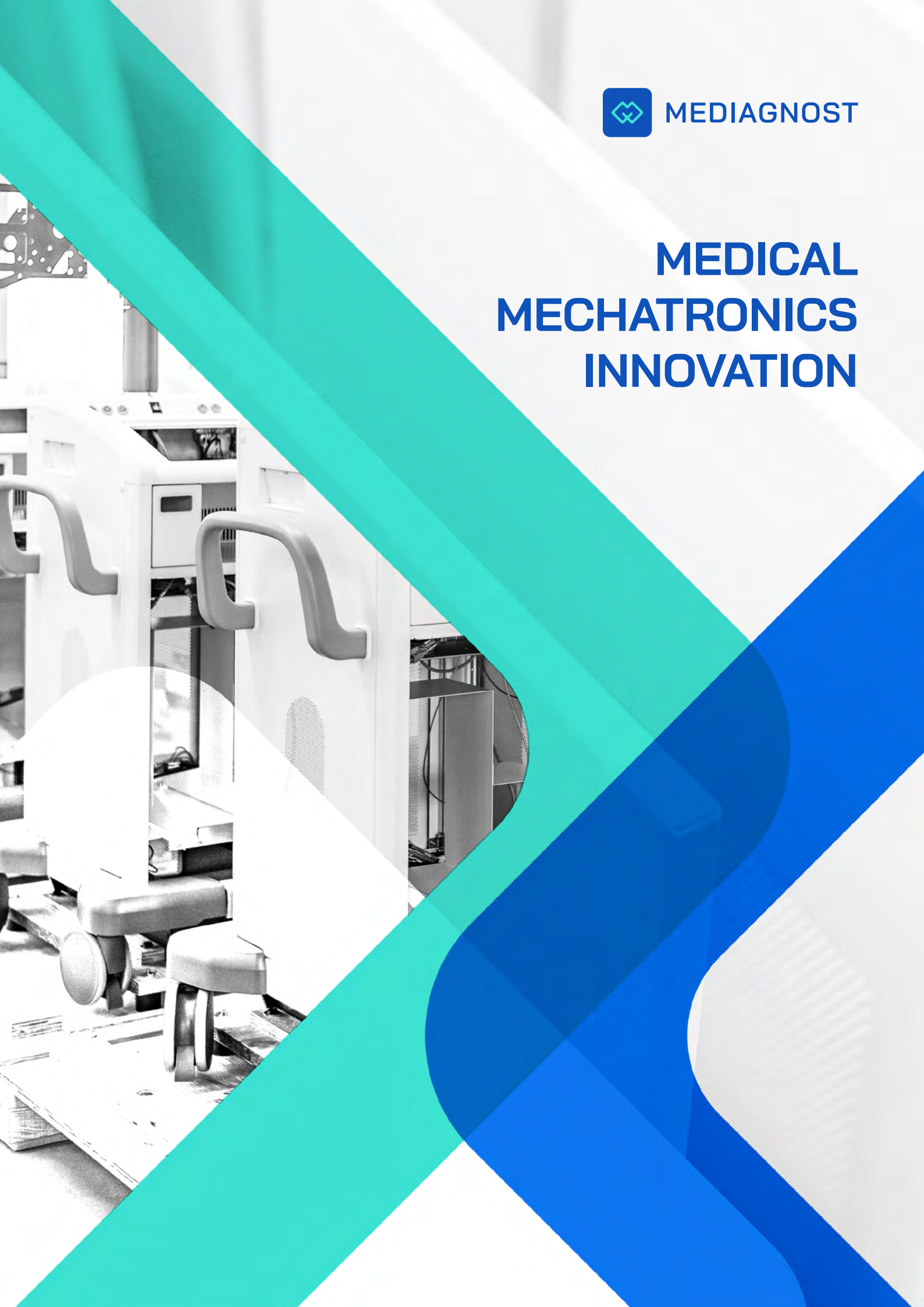




MEDIAGNOST

# MEDICAL MECHATRONICS INNOVATION



## Who we are? What we do?

Mediagnost is a motivated, engineering driven mid-sized company with more than 200 employees acting on about 8000 m<sup>2</sup> production area located in Budapest, Hungary.

We believe in continuous improvement of our capabilities and customer relationships.

With 30 years of experience, we support high-tech medical brand OEM manufacturers in the realization of ideas, new product developments with innovative technical solutions and competitive production.

Our core competences are mechatronics design, industrialization, manufacturing, integration and testing.

We strive to get involved in the development of a new products at an early stage.

From initial idea to final product, we go through following phases together with our customers: concept- and detailed design, prototyping and verification, preproduction, cost effective serial production. With this approach our customers are able to reduce their development risks and time-to-market.

As a contract manufacturer we supply complex medical device parts and subassemblies via our wide range of in-house manufacturing capabilities and with the support of our more than 400 2<sup>nd</sup>-tier suppliers from all over the world.

## We were chosen by...

### Philips Medical Systems:

DXR and IGT products, co-development and subsystem manufacturing

*Photo:* <https://www.philips.hu/healthcare/product/HCNCVD207/azurion-7-m20-with-flexarm-image-guided-therapy-system>



### Siemens Healthineers:

mobile C-arc Cios Family co-development and subsystem manufacturing

*Photo:* <https://www.siemens-healthineers.com/surgical-c-arms-and-navigation>



### Innomed / Control-X / Mediso / 77 Elektronika:

Co-development, subsystem and component manufacturing

*Photo:* <https://www.innomed.hu/radiologiai-eszkozeink/>



## Mechatronics Design Competences:

Design of complex mechatronics systems from idea till serial production

Valuable Concept design based on specification

V-shape model based design process in conformance with IEC60601 and FDA requirements

CAD design in PTC Creo environment

Cost effective detailed design based on DfX methods

FEM supported engineering calculations (structural, fatigue, thermal, etc.)

DHF maintenance in PTC Windchill PLM System

Entire engineering support of serial production tooling and functional test equipment (HW+SW development)

Design of motion controller PCBAs

DMR and DHR maintenance



## Production Competences:

### Wide range of manufacturing capabilities inhouse:

- Up to 5 Axis turning, milling
- Wide range of sheet metal processing
- Diverse kinds of welding
- Lead processing
- Gluing
- Covers from plastics
- Paint shop
- Cable assembly

*For details: Ask for our machine list!*



## High level assembly and Functional testing:

Complete modules from diverse mechanical and mechatronics components, cables, electronics are assembled in well-engineered and highly controlled processes.

Assembly and integration are supported by own designed, optimized tools, jigs and functional testing equipment.

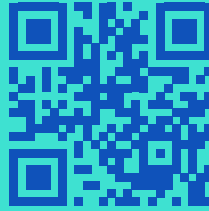
## Quality assurance:

ISO 9001  
ISO 13485  
ISO 14001

Full traceability  
Product release with CoC and CofA



VISIT OUR WEBSITE!



**Mediagnost Kft.**

Headquarter: 1106 Budapest, Fehér út 10.

**Let us participate in Your success!**

**Email:** [sales@mediagnost.hu](mailto:sales@mediagnost.hu)

**Web:** [www.mediagnost.hu](http://www.mediagnost.hu)



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