10. April 2024

Arctur d.o.o.

Tomi Ilijas, CEO

About Arctur

- Arctur is an SME specialising in advanced and innovative IT solutions.

- The largest private-owned HPC provider in Central Eastern Europe.

- Strong engagement in R&D activities and projects – more than 15 years of experiences.

- Ranked among the Top 20 research institutions in Slovenia.

Our competences

Creativity and Innovation

Beauty of merging research, science, art and business is in minds thinking and working as one.

HPC & DC management

Exceptional Cloud and HPC services on our own cutting-edge infrastructure with a team of experienced engineers.

Project management

Is what drives our organisation through constant progress and growth while being able to tackle and successfully execute operations no matter their scale and complexity.
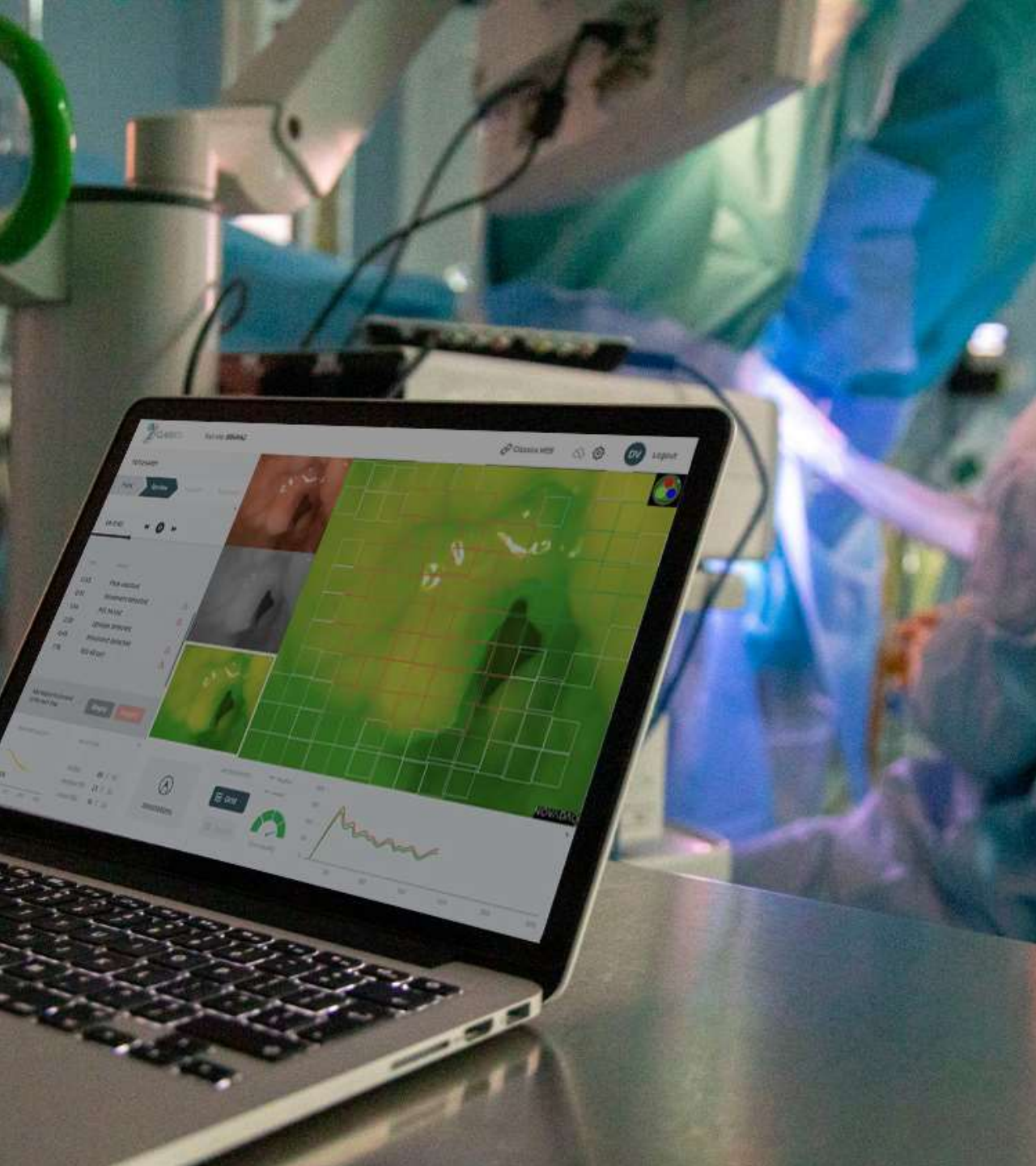
Software design and development

Profound understanding and in-depth knowledge in complex IT software design and development enables us to innovate and always stay one step ahead.

HPC use

- Cloud Computing: Supporting SMEs and Researchers

- 3D Modelling, Rendering, VR Experiences, Digital Twins

- AI and ML Application, focus in Medicine, Tourism, Defense and Manufacturing

Building Bridges to Innovation: Joint R&D Projects with Italian Partners

- HPC & AI for SMEs: **Fortissimo projects** *(CINECA)*

- AI for Cancer Detection: **CLASSICA** *(Universita di Torino)*

- AI for Defence: **AI4DEF**

  (Leonardo, FlySight, e-GEOS)

- HPC for Research and Industry: **EUROCC 2** *(CINECA, LEONARDO, BI-REX, DOMPE, IFAB)*

- Towards Exascale for Engineering – CoE: **EXCELLERAT 2** *(CINECA, E4 Computer Engineering, SAPIENZA Universita di Roma)*

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