6. March 2025

EDF & Arctur d.o.o.

Andrej Košiček, Project Manager

Our competences

Creativity and Innovation

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

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.
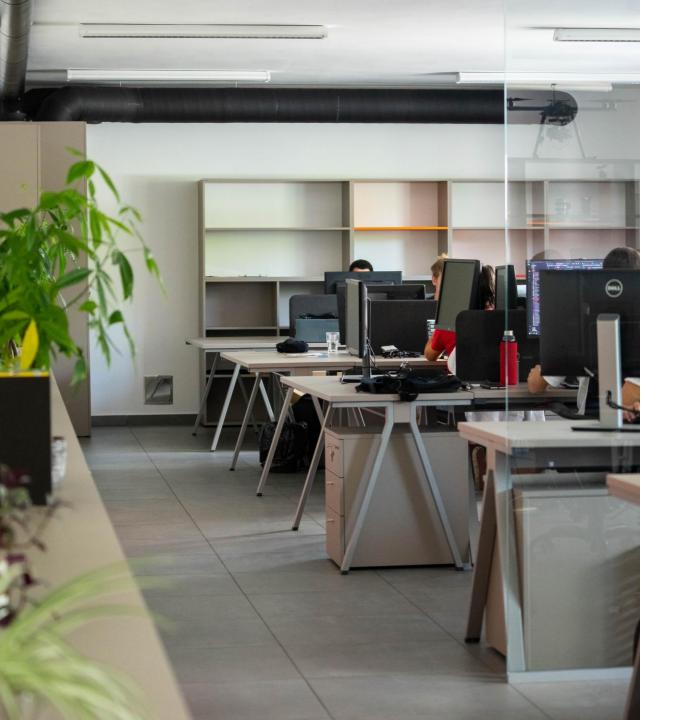
HPC & DC management

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

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.

Since 1992…

Management standards

At Arctur, we hold ourselves to the highest standard of excellence in all aspects of our daily operations.

ISO 9001 Quality management system	**ISO 27001** Information security, cybersecurity and privacy protection
ISO 14001 Environmental management system	**ISO 13485** Medical devices

ARCTUR

AI4DEF (2021 – 2024), EDIDP

AI in Defence : to be better and faster than the opponent

Artificial intelligence as a tool for better utilization of large amounts of data and for speeding up decision-making

partners:

- 10 EU states, 21 partners
- 19 companies (Airbus, Leonardo, …)
- 2 universities (Muenchen, Aalborg)
- Arctur brought expertise in AI and high-performance computing, as well as in designing complex user interfaces

https://ai4def.com/

MIMA NG (2024 – 2027), EDF

Revolutionizing military avionics by introducing a new era of integrated modular avionics tailored to military airborne platforms.

The project focuses on:

- identifying needs for next-generation military integrated modular avionics
- identifying new high-level architecture principles for multi-domain operations and security
- key Technologies for future architecture solutions

Areas:

- Artificial Intelligence
- High Performance Computing

CARMENTA PF (2024 – 2027), EDF

Design, prototype, and test a new generation system that will increase the survivability of fixed wing and rotary wing aircraft

The system will:

- be able to face a wide and heterogeneous spectrum of current and evolving threats in the operational area
- to select the proper reaction mode

Areas:

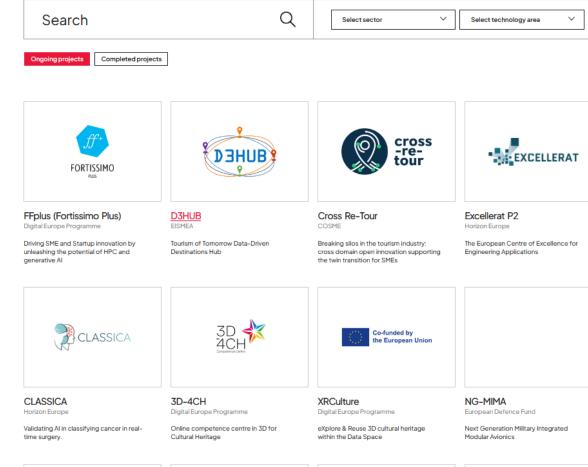- Artificial Intelligence
- High Performance Computing

EU and National Projects

Partial screenshot from Arctur's website

Thank you!

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