



EDF Info Day

1st of September 2021

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CEO & Founder
Arctur d.o.o.

arctur

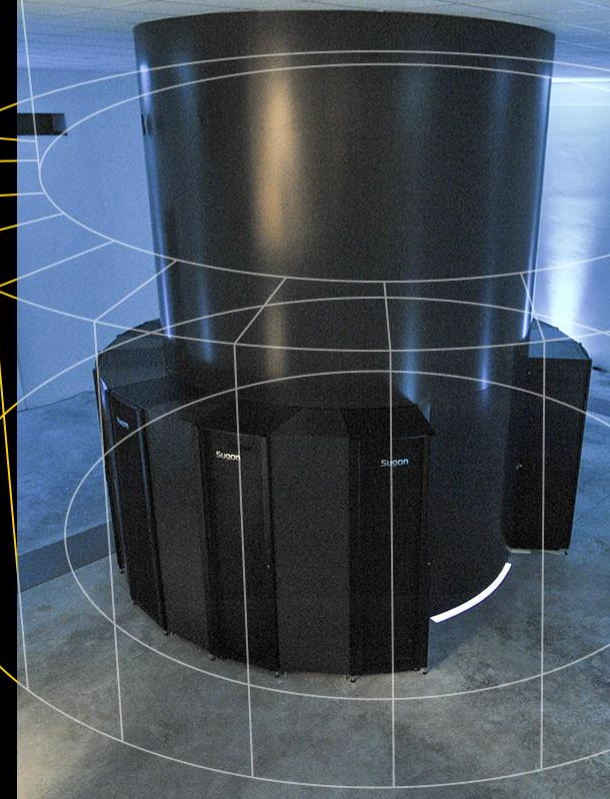
where *creativity* meets *experience*

- established in 1992
- Euro, Schengen zone, 6 languages spoken
- european Digital Innovation Hub & Competence centre
- ISO9001 & ISO27001 Certified
- member of Slovenian Defence Industry Cluster



HPC, AI & big data

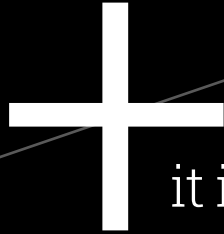
- European Digital Innovation Hub & Competence Centre
- The biggest commercial HPC provider in the region
- Flexible High Performance Computing in the cloud
- AI Integrator



aisensegamma4

competitive advantages

shows **direction**
towards the
gamma-ray source
in **real time**



it is a complete tool:

- direction
- dose rate
- ID of gamma-ray source
- neutron detection



intensive involvement in R&D projects

FP7

- Fortissimo
- CloudFlow
- Civic Epistemologies

H2020

- FF4EuroHPC
- EuroCC
- Fortissimo 2
- CaxMan
- IOStack
- NextGen I/O
- Excellerate

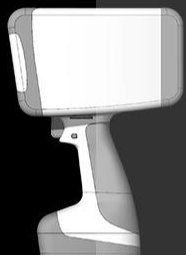
National

- Tourism 4.0 TRL 3-6
- Tourism 4.0 Demo Pilot
- RRI HPC&SME

EDF-EDIDP

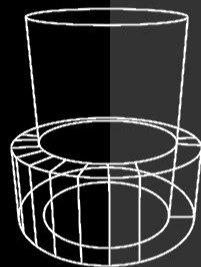
- AI4DEF
(Call EDIDP-AI-2020)

future outlook



AI Sense Gamma4

- military version
- dedicated aircraft version
- new detection materials



HPC & Big Data

- cyber security issues
- cryptography
- quantum computing

partners!

- demanding analysis of very complex spectra
- remote interpretation of multisensor system

