

ARCTUR

where
creativity
meets
experience

research &
development

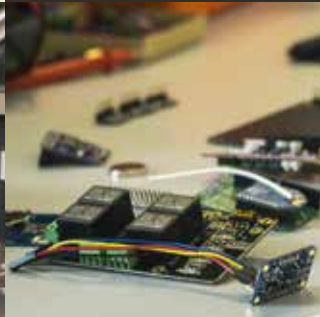
HPC &
cloud



project
management



web & mobile
solutions



innovations



4PM - more than just project management software

Introducing 4PM

4PM brings the power of **portfolio project management and team collaboration** to every business. 4PM will provide you with: better insight to project execution, more productive teams, efficient organization and better decision making.

Manage Multiple Projects

4PM enables you to plan, manage and review multiple projects of different types, all from one point. Each person in organization has access to data related to specific projects and tasks they are involved in.

Achieve Maximum Visibility and Ensure Strategic Alignment

With the help of **various analytical overviews** and reports, 4PM provides visibility into financial status, resource loads, progress on tasks, project communication and documents etc., which enables managers to make prioritization and decisions to align resources with specific strategic priorities.

Efficient Communication and Coordination

4PM is an **online meeting point** for your team, including a powerful online document and information repository, which facilitates communication and coordination among all levels of the organization.

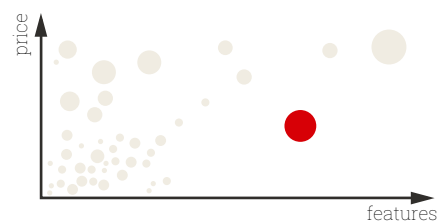
In cloud, 24/7, no installation required

- **Easy to order**, easy to use
- **12.000 users**, 5 languages
- Ask for **free trial** version or **demo account!**
- 4PM standard: for just 15 EUR/month/user
- **Buy online** at store.arctur.si

Is 4PM for me?

4PM has been tailored to the needs of various sectors, including: universities, research organizations, engineering & architecture, IT, insurance, design studios, government agencies, manufacturing, and many more.

Best value for money



4PM for EU projects

4PM is also suitable for management of large EU projects. Project consortiums of more than 100 partners are using the power of 4PM to better coordinate and focus their research, innovation and development potential.



Become a Partner

We are constantly searching for:

- Universities to perform benchmarking, localization & translation to local language, use for educational purposes
- Consulting enterprises to resell 4PM and give related services to our customers
- IT companies to develop added value to 4PM (mobile apps, ERP integration etc)



Arctur HPC - flexible High Performance Computing in the Cloud

HPC Infrastructure

Our supercomputers offer computing power with Intel processors, InfiniBand interconnection and distributed parallel fault-tolerant storage. The simulation possibilities are enhanced with nVidia GPU units, high memory nodes and SMP units.

HIGH PRIORITY computing

High priority tasks are assisted by our team of system administrators and support personnel and are **deployed within 24 hours** to provide the results in the shortest time possible.

advanced materials
automotive
aerospace
biotechnology
clean & sustainable energy
climate & weather prediction
cloud software
digital media and gaming
finance & insurance
life sciences & healthcare

Data Center Services

Certified modern Energy Efficient Data Center with redundant resources offering Cloud services, rack space, hosting and managed services.

SMEs welcome!

At Arctur, we combine cutting-edge infrastructure with years of experience to provide a full range of HPC services. Our experts will help you to:

- **identify** your simulation problem,
- **design** the experiment and select the most appropriate tools,
- **provide** the best price/performance computing environment,
- **support** with job execution and coaching/training of your experts,
- **integrate** simulation into your daily workflows
- **scale up**: better resolution, finer detail, parallelization.

Collaboration with ISVs

The simulation is only as good as the tool as you use to simulate. Arctur acknowledges that to get the best out of the resources you rent, the hardware has to optimally support the software. That is why we work **hand in hand with leading software developers** to give at your disposal the best possible solution.

Arctur HPC

competences

parallelization & code optimization

HPC cloud lab

performance & scalability benchmarking

mathematical modeling & advanced statistics

infrastructure

HPC hardware & software

connectivity
fiber-optic network

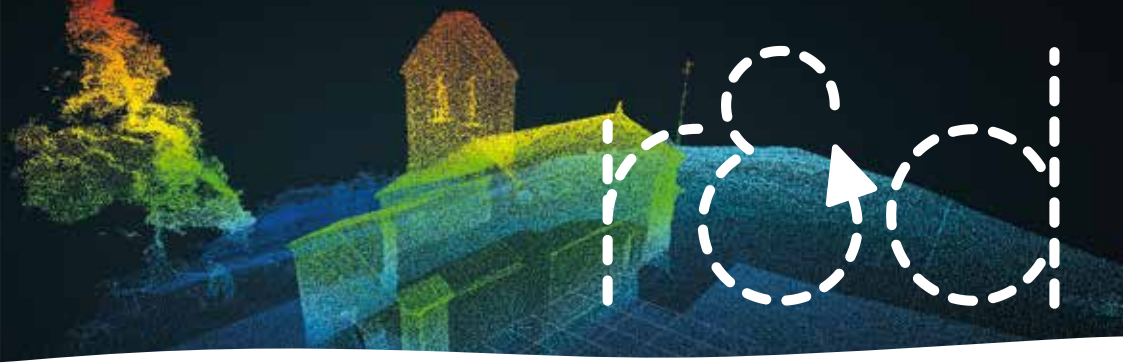
The best price/performance in Europe

Take advantage of affordable prices starting as low as 0,05€ per CPU core hour, and as low as 1,1€ per GPU hour, buy online at store.arctur.si



Receiver of the IDC Innovation excellence award in the field of HPC





Arctur R&D - your experienced research partner

At Arctur, we understand the importance of continuous progress. We are involved in joint R&D projects with research institutes, Universities and other R&D organizations on a regular basis. To further ensure continuous innovation, we are constantly striving to improve the innovativeness and creativity of our staff as well as employing new auspicious personnel.

Research Areas

The research areas which we cover are based on applied mathematics and computing that are directly implemented in numerical simulations as well as real-life IT solutions and products. Major R&D areas include:

- high performance computing,
- big data analysis,
- web and mobile interfaces,
- cloud solutions and services,
- ICT-support for business processes and project management.

Search for partners

- HPC users and solution developers
- high-tech manufacturing SMEs
- Cloud users
- Big Data researchers
- new business model ISVs
- ICT innovators

Partners & jobs

We are searching for enterprises, NGOs, and R&D organizations to cooperate with us in joint research and development projects in the field of ICT. Graduate and Post-Graduate Students are welcome to work on their theses in co-operation with our top experts.

We have an EU validated SME status. PIC: 991568048



Our H2020 and FP7 Projects:



ICT Innovation for Manufacturing SMEs: www.I4MS.eu



Fortissimo:

www.fortissimo-project.eu

Enable SMEs to be more competitive through the use of CloudHPC



CloudFlow: www.eu-cloudflow.eu

Provide a Cloud infrastructure based on existing technologies to develop new cloud services.



NEXTGenIO: www.nextgenio.eu

Addressing the I/O bottleneck of HPC workloads through exploitation of non-volatile memory technologies



CAxMan: www.caxman.eu

Establish Cloud based Toolboxes, Workflows and a One Stop-Shop for CAx-technologies supporting additive manufacturing.



IOStack: www.iostack.eu

Create a Software-defined Storage toolkit for Big Data on top of the OpenStack platform.



SesameNet: www.sesamenet.eu

Promote access to computational expertise anywhere and enable the dissemination of best practice in HPC industrial use particularly for SMEs.



Innovations

At Arctur premises we have established a private incubator for ICT and creative industries related innovation projects. To prospective teams we offer a coworking space with IT and administrative support, as well as access to our network of international Venture capital and Business angels.

SmukApp

SmukApp is an innovative sensing system for professional and recreational skiers with Cloud-based competition network. It is engineered for easy use, and intended to bring to the skier important, but currently yet unavailable information.

AISense Gamma IV

The world's first handheld true gamma-ray source locator provides the direction vector towards the radioactive source in real-time. It is also able to determine the nuclide ID from the acquired spectra, moreover, this process could be in complex cases decisively boosted by the usage of in-cloud HPC. The instrument has a wide field of use - from cargo and traffic monitoring through surveillance in nuclear facilities and industry to usage in fire brigades, military and first responders. **Distributors and integrators are welcome!**

More on www.arctur.si/aisense/



Creative Center

Arctur's Creative Center brings together and intertwines seemingly very different areas, such as cutting-edge technologies of HPC, IoT, sensorics, 3D printing on one hand, and creative industries, design and artistic practices on other side. At the intersection of these fields a wide potential for novel ways of cooperation emerges, leading to knowledge exchange, unexpected synergies, and surprisingly often also to groundbreaking results and new business opportunities.

Digital Innovation Hub (DIH) and
HPC *Competence Centre*
in the heart of Europe!




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At Arctur, we strive to bring innovative and user-friendly IT solutions to businesses, state and public institutions, research institutions and NGOs, enabling them to better serve and reach their customers.