**LOGOS Digital Product Line by ROSATOM** (fact sheet)

**LOGOS** is a digital product for engineering analysis and mathematical modelling. It is a computer-aided engineering (CAE) industrial software.

**CAE systems** are engineering software for computation, analysis, and simulation of physical processes. Such systems are used in the aerospace, rocket, mechanical engineering, energy, and new materials industries. They are also used for large infrastructure construction projects and other applications. Such systems help simulate the behavior of industrial products in operating conditions.

LOGOS was developed based on projects that had been developed by ROSATOM (RFNC-VNIIEF) for years.

As of now, there are five LOGOS modules:

* LOGOS Aero-Hydro (market launch — 2018) for process simulation in air and water.
* Logos Thermal (market launch — 2019) for assessing thermal properties and behavior of parts / assemblies.
* LOGOS Robustness (market launch — 2020) for static and dynamic robustness tasks.
* LOGOS Hydrogeology (market launch — 2021) for solving water balance tasks and environmental process simulation in complex geologic environments.
* LOGOS Platform (market launch — 2021) for integrating LOGOS modules and CAE software from various Russian developers into a single platform.

**Target audience** is high-tech industries (aerospace, shipbuilding, mechanical engineering, aerospace, energy, and new materials industries; large infrastructure construction projects; etc.).

The LOGOS product line is also becoming popular outside the nuclear industry.