



NEURAL CONCEPT – EMPOWERING ORGANIZATIONS WITH ENGINEERING INTELLIGENCE TO REVOLUTIONIZE PRODUCT DEVELOPMENT

Improving 3d modeling

Founded in 2018, Neural Concept is a leading company in Engineering Intelligence, transforming the way companies develop products by integrating AI at the core of their processes. Our mission is to help engineering organizations meet the demands of modern, fast-paced markets by drastically reducing development cycles, improving product performance, and accelerating innovation.

Neural Concept's end-to-end platform enables organizations to fully leverage their data and streamline their design processes through advanced Deep Learning algorithms. Our technology optimizes complex design tasks and generates actionable insights directly from CAD data, reducing development times by up to 75% and enhancing product attributes such as efficiency, safety, and aerodynamics. By automating and scaling the engineering lifecycle, NC empowers teams to achieve a 10x acceleration in their work while maintaining the flexibility to adapt to industry-specific needs.

Neural Concept collaborates with 40% of the largest European and Asian automotive OEMs, as well as 25% of the world's top 100 tier-1 suppliers. Spun out from the Swiss Federal Institute of Technology in Lausanne (EPFL), Neural Concept is supported by world-class investors, including Forestay Capital and the D. E. Shaw group. NC continues to lead the industry in AI-driven product development by delivering innovative solutions that ensure scalability, sustainability, and competitive advantage for engineering teams worldwide.

Guide designers faster towards radically better concepts by deep-learning

NC is operating from design and simulation data to production, as an interactive next generation product development platform. It is allowing simulation engineers and data scientists to manage efficiently data pipelines, 3D machine learning models and optimization campaigns. It enables them to power next-generation product development processes with industry-leading AI.

NC offers a wide variety of applications, such as from external aerodynamics, heat exchangers, hydrodynamics, turbo machineries. NC has achieved an ISO27001 certification and has currently closed a series B financing round of \$27M.

