

Since 1996 to the present day, SpaceCAD Ltd., a part of David Holding has been delivering cutting edge technology for the innovative design, production and lifecycle management of high value-added products. For the past years, we have never allowed, and we will not allow our customers to fail! Our mission is to deliver software solutions and engineering services to demanding manufacturers looking to achieve competitiveness growth through:

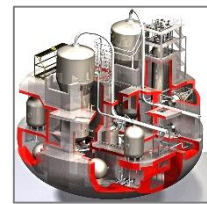
- More innovations
- Higher quality
- Lower production cost
- Shorter time to market

## SpaceCAD - software solutions

### Design and Products Lifecycle Management (PLM).

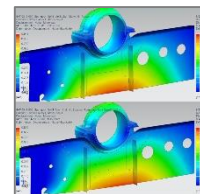
We help the customers to implement highly efficient CAD/CAM & PLM processes for team product design through:

- Effective CAD teamwork, up to 100 times faster than other systems
- Centralized engineering data management
- Simulation and optimization of product characteristics
- Automated engineering change management



### Simulation and optimization of product performance.

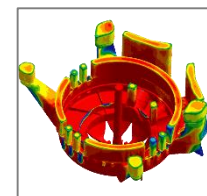
Using advanced FEM/FEA and CFD analysis and simulation tools (NX Nastran/Mentor FloEFD), SpaceCAD does technology transfer to customers for helping them being capable of design and manufacturing the products, their customers expect.



### Manufacturing processes simulation and optimization.

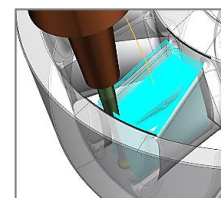
SpaceCAD offers advanced tools and technologies for digital simulation and optimization of technological processes for:

- Metal forming and metal casting
- Mold plastics forming
- Metal and plastics additive manufacturing through 3D print process



### Programming of CNC machines and industrial robots.

With 20 years of CNC machine programming experience, SpaceCAD is helping the customer make the most of his CNC machine fleet. We implement a high-end CAD/CAM product capable of programming any CNC machines - from ordinary lathes to multi-spindle lathes, industrial robots, robotic lines, to metrology control procedures.



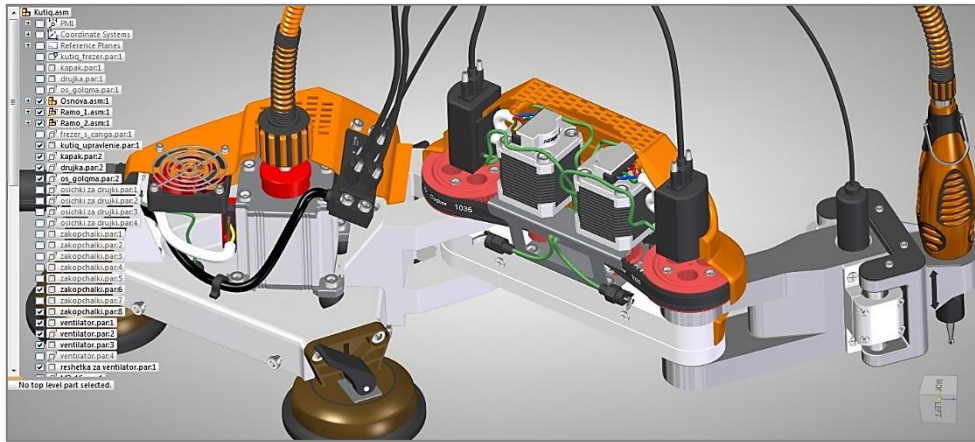
### Additive manufacturing & 3D printing solutions

SpaceCAD is the first Bulgarian company to invest in the development of additive manufacturing technologies through 3D metal printing.

In our portfolio of additive manufacturing solutions, we deliver 3D metal and plastic printers of 3D Systems - the company that defined and commercialized 3D printing as a manufacturing technology.



## SpaceCAD engineering services

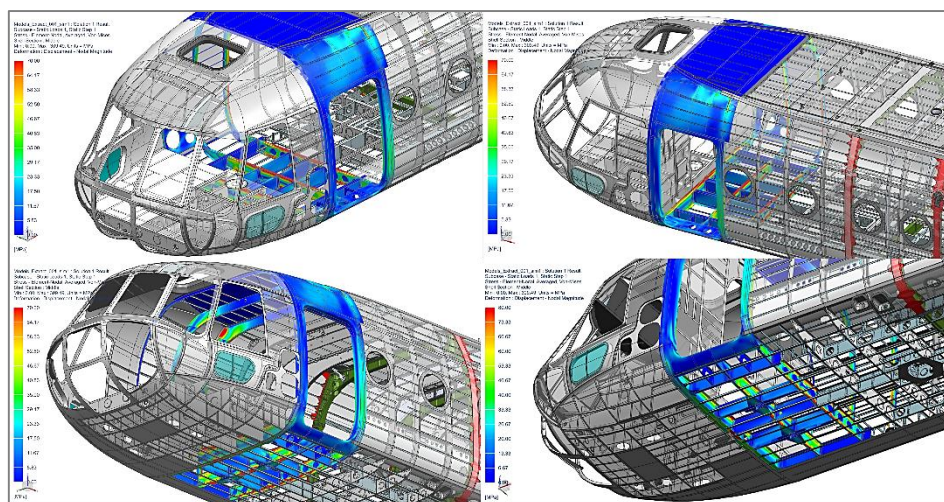


### SpaceCAD provides a range of focused engineering services:

- Product design and manufacturing documentation
- Simulation and optimization of products performance and manufacturing processes
- Design and manufacturing of metal parts by direct 3D printing

### What services we do?

- CAD product design
- Mold design for plastics
- FEM / FEA and CFD product simulation and optimization
- Simulation and optimization of manufacturing process and tooling
- CAM programming and post-processing for more than 100 types of CNC machines
- 3D printing in metal and transfer of additive manufacturing technology



### SpaceCAD guarantees quality of the engineering services through:

- Assessment of the problem area and planning for risk prevention
- Assistance to the user to jointly prepare the terms of reference
- Customer compliance management

## SpaceCAD partners

SpaceCAD delivers valuable solutions and engineering services to its customers in collaboration with leading global software companies:

### SIEMENS Digital Industry Software

Siemens software solutions blur the boundaries between industry domains by integrating the virtual and physical, hardware and software, design and manufacturing worlds. Siemens comprehensive and integrated portfolio of software and services for electronic and mechanical design, system simulation, manufacturing, operations and lifecycle analytics.



<https://www.sw.siemens.com/portfolio/>

### 3D Systems

More than 30 years ago, 3D Systems brought the innovation of 3D printing to the manufacturing industry. Today, as the leading additive manufacturing solutions company, it empowers manufacturers to create products and business models never before possible through transformed workflows.



<https://www.3dsystems.com/>

### ESI Group

Specialist in material physics, ESI has developed a unique proficiency in helping industrial manufacturers replace physical prototypes by virtual prototypes, allowing them to virtually manufacture, assemble, test and pre-certify their future products.



<https://www.esi-group.com/>

### QForm

QForm simulation software is used for development and optimization of many different metal forming processes for parts production in aerospace, defense, automotive, energy, aluminum extrusion and other industries.



<https://www.qform3d.com/>

## SpaceCAD honors & references



As solutions partner for Bulgaria since 1996, SpaceCAD is recognized as the best Siemens Digital Industries Software partner in the countries of Central and Eastern Europe for 2010, 2014 and 2018. The list of the current SpaceCAD customers can be found here: <http://www.spacecad.bg/za-nas/potrebiteli>. Some customer's references can be found here (Bulgarian): <http://www.spacecad.bg/za-nas/referentzii>