



**SYSTEM
SOLUTIONS**



Engineering



Design



**Construction and
Installation**



**Architecture and
Industrial design**

System solutions, Ltd.
Moscow, Russia

About System solutions

System solutions Ltd is an engineering company providing industrial companies, research organizations and government authorities with design, engineering, consulting and research services. The company has accumulated experience in the field of complex solutions for industrial, information and research infrastructure. Our portfolio includes a number of large-scale engineering projects (EPC (M)), implementation of technical and IT solutions.

Long-term partnership with a wide range of Russian and European design, engineering, construction and research companies and organizations enable us to support and manage complex projects.

Our flexible approach and efficient solutions have gained the trust of our customers and that trust is the main indicator of our expertise.

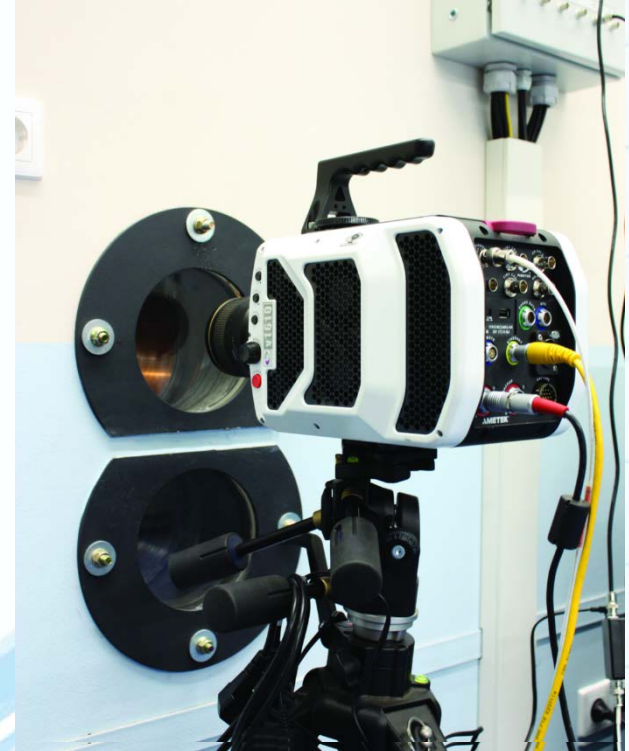


Since 2008 System solutions diligently provides quality services winning trust of our valued customers, including governmental authorities of the Russian Federation such as Ministry of Industry and Trade, Ministry of Education and Science, Ministry of Defense, Federal Guard Service and Federal Security Service

Engineering

Having accumulated the years-long experience of providing industrial and scientific infrastructure projects with knowledge-intensive solutions we are ready to offer engineering services of any scale and complexity. Depending on customer`s needs our services may result in a variety of deliverables: we can offer not only design, installation and commissioning of basic engineering solutions such as ventilation and air conditioning systems, power and heat supply systems, building management (BMS) and safety systems, but also development of unique solutions such as service gas and chemical agent supply systems for clean room facilities, etc.

We have completed a number of EPC(M) projects aimed at full reconstruction, re-equipment and technical upgrade of industrial and scientific facilities that encompassed vast scopes of engineering and construction solutions.



We provide the following services

- Engineering, procurement and construction management
- Conceptual design
- Engineering survey and technology audit
- Production process planning and equipment assessment
- Architectural and constructional design
- Development of drafts and cost estimate documentation
- Shell and core works
- Equipment procurement and installation
- Start-up and commissioning works

We have successfully coped with the most challenging engineering tasks of our clients. Our most interesting projects include:

- Construction of Research and Educational Center «Ion plasma technologies»
- Construction of Interindustrial Research, Educational and Engineering Center «New materials, composites and nanotechnologies»
- Construction of Research and Educational Center «Nanoplasmonics and complex functional systems»
- Reconstruction of Manufacturing and testing facility Vniikholodmash-Holding



We have successfully coped with the most challenging engineering tasks of our clients. Our most interesting projects include:

- Construction of Research and development center «High-speed processes» with ballistic track, fire test chamber and a data processing and analysis center
- Reconstruction and technical upgrade of Research Institute of Radioelectronics
- Reconstruction and technical upgrade of Andreyev Acoustics Institute
- Technical upgrade of laboratory facilities Russian National Research Institute of Automatics

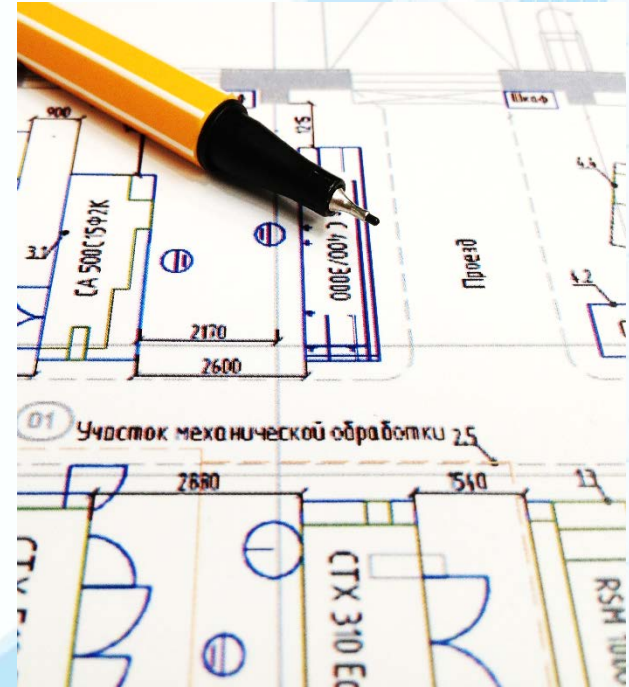


Design

System solutions Ltd offers a wide range of project and design engineering services. We can provide concept design and construction project drawings and specifications for any type of building, structure or system.

In our work we practice integrated design approach and ensure best choice of efficient solutions and technologies.

Our documentation strictly complies with government regulations in the field of construction and engineering thus always passing the regulatory compliance review.



System solutions Ltd is a member of Design-and-planning Engineers` Association and Prospecting Engineers` Association allowing us to act as a general design contractor. Our quality management system is compliant with international standards which is confirmed by ISO 9001 Certificate.

Our project design documentation and detail engineering design (operational) documentation has enabled fulfillment of a vast number of projects and uninterrupted service of many facilities such as:

- Moscow Automated Air Traffic Management Center (State Air Traffic Management Corporation)
- Moscow City clinical hospital N7
- First Moscow State Medical University (Ministry of Public Health)
- Russian Post logistics center
- Vnukovo logistics hub



Our project design documentation and detail engineering design (operational) documentation has enabled fulfillment of a vast number of projects and uninterrupted service of many facilities such as:

- Data processing center of Gazprombank
- Russian State Library
- Hydrometeorological Center of Russia
- Confectionery producing plant of Krasnyj Ocyabr Company
- Manufacturing and logistics facility of BAYER AG



System solutions Ltd has a formidable experience in the field of building construction, facility modernization and reconstruction.

As a subcontractor we offer:

- Construction of buildings and infrastructure facilities
- Reconstruction and technical upgrade of industrial and research facilities
- Repair and refurbishment works and structural reinforcement
- Fit-out and finishing works



Our membership in Civil Engineers` Association allows us to act as a general building contractor.

We provide a holistic set of services in the field of design and installation of utility and engineering systems

- Clean room facilities
- Ventilation and air conditioning systems
- Power and heat supply systems, refrigeration supply systems
- Pneumatic circuits, including vacuum and pressurized air supply systems for engineering installations
- Service gas and chemical agent supply systems
- Interior and exterior low-current systems (Structured cabling, fiber-optical telecommunication systems, wireless networks, line communication structures, telephone conduits)
- Interior and exterior power lines
- Special-purpose systems (automation, dispatching control, signaling and advance warning, access control, surveillance)

In highly integrated projects of construction and modernization of buildings and infrastructure System solutions offers full range of architectural services. Our professional team can develop a highly artistic architectural concept, provide space-planning and landscape solutions.

Depending on customer`s needs the concept of projected structure can be harmonized with the existing architectural environment. Our expertise enables us to find optimally balanced complex solutions with consideration of functionality, space availability, ergonomics, aesthetics, environmental friendliness and sustainability.



Experience and expertise of our teams make it possible for System solutions to develop design and engineering concepts and solutions applied to industrial products and their functions. We can provide design and functional concept and drafts, prototype and 3D model, engineering analysis and evaluation.





We thank you for your attention and
look forward to hearing from you!