



Intellect

Ahead of time

2016



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Experience and responsibility.
Modern engineering solutions.
Constant striving for expand the horizons of possibilities.



Self-confident

We offer all-in-one solutions for clean room engineering.
Intellect is general designer and contractor for infrastructure projects and turnkey industrial plants.



Experience

We offer optimum solutions based on experience we have.
Relevant experience in the semiconductor industry.
Consulting, engineering, commissioning and customer support are our strengths.



Advantages

Maximum flexibility and fast implementation of ideas.
Time and cost effectiveness.
All required services out of one hand.

First-class engineers and employees - experienced professionals with reliable portfolio of projects in cleanroom construction.

Our Services:

- >> Technical and commercial project concept, feasibility study, cost estimation;
- >> Site master planning and facility design, basic and detailed engineering;
- >> Construction and Project management;
- >> Supply of equipment, including installation and setup;
- >> Equipment sales and services



Our technological concepts are based on current trends in construction technology and highly-qualified personnel.

Our clients:

- Industrial plants
- Administrative blocks and centers
- Hospital and clinics
- Research institutes
- Research and development companies
- Study centers

We specialize in the integrated design, construction of process systems, clean environments, industrial production and manufacturing facilities for semiconductor industry.



OAO "OKB-Planeta"



*Ioffe Physico-Technical Institute
RAS*



OAO «CNITI «Technomash»

Portfolio:



State plant "Pulsar":
design and multi-building of clean and production premises;



Ioffe Physico-Technical Institute RAS :
setup of stand-alone power plant;
detailed design and installation of solar panel manufactures;



Branch of Institute of semiconductor's physics RAS in Novosibirsk
project development of nano-diagnostics and nanolithography laboratory;
design engineering and installation of environmentally controlled room.



Portfolio:



OAO "Proektmashpribor":
design engineering for technical re-equipment (1600 m²).



Central District Hospital in Borovichi:
planning documentation updating and preparation of the construction documents of new pavilion.



Saint-Petersburg State theatre "Mikhailovsky":
design engineering and obtain approval in expertise for workshops major repairs.



Portfolio:



OOO "Research and development centre of energy thin-film technique Ioffe Physico-Technical Institute RAS affiliated":

chemical treatment equipment supply and production machinery setup.



VIAM "All-Russian Research Institute of Aviation Materials":

Estimate and engineering documents updating;
development of design and survey, estimate and engineering documentation;
obtain approval in VGU "Glavexpertiza";
8 ISO clean room class certification.



OAO NGO "State applied optics institute":

Clean room development and equipment supply;
galvanizing room construction;
new technology of blow-out and overspill mitigation development;
supply and setup equipment.



Portfolio:



OAO «CNITI «Technomash»:

design engineering;
installation and construction works of close tolerance Zr
ferule blank and high-precision ceramic details (Zr ferule)
production units.



OAO «OKB «Planeta»:

design engineering;
installation and construction works of micro assembly unit,
plasma-chemical process unit, chemical treatment unit,
total square 2000 m²;

Developing gas transmission, gas detector and gas
mitigation systems (Gases: chlorume, boron trichloride,
ammonia, freon, inert gases).





Look for the future

Each project of Intellect conduces increasing of intellectual property and intensification of production.



Always keep in touch

Russia, Saint-Petersburg, 4-Krasnoarmeyskaya str., 20/8

+ 7 (812) 748 21 63

info@intellect1.ru

We glad to offer our experience and knowledge!