Siemens in Russia

3rd Joint Advanced Students School
April 2/4, 2005, St. Petersburg
Siemens in Russia: Over 150 years of tradition and progress

1851 Supply of 75 recording telegraphs for the telegraph line St. Petersburg - Moscow

1853 Foundation of the office in St. Petersburg

1855 Construction of telegraph lines Moscow - Sevastopol, St. Petersburg - Kronstadt, St. Petersburg - Warsaw. The total length of the lines in Russia reached 9000 km

1855 Foundation of Russian subsidiary of Siemens & Halske by Carl von Siemens in St. Petersburg

1877 Building of Cable plant in St. Petersburg

1882 Building of Electrotechnical plant in St. Petersburg

1886 Foundation of «Obshchestvo electricheskogo osvesheniya 1886 goda». Installation of lighting systems in St. Petersburg and Moscow

1898 Foundation of the “Association of Russian electrical plants of Siemens & Halske”, St. Petersburg

1912 Building of Dynamo plant in St. Petersburg
Siemens in Russia: Over 150 years of tradition and progress

1924-1929 Participation in power plant on Kura-river building, DNEPROGES design elaboration, Moscow metro project examination
1928 Opening of consulting office in Moscow
1929 Turbine supply for Kashirskaya hydro power plant
1971 Opening of Siemens AG representative office in Moscow
1975 Installation of an automation system for wide strip rolling mill 2000 in Cherepovez, the most productive in the world
1975-1980 Modernisation of Novolipetski metallurgical works
1982 Complete equipping of «All Union Cardio Center» hospital in Moscow
1991 Opening the bureau in St. Petersburg
1996 Construction of radio link Moscow-Khabarovsk, the longest in the world
1997 Foundation of OOO Siemens (Siemens Ltd.)
2003 150 years of Siemens in Russia
2005 Expansion of regional presence of Siemens in Russia: opening bureaus in Novosibirsk, Samara, Khabarovsk, Rostov-na-Donu, Kaliningrad
Siemens in Russia – a local company of Siemens

- About 3,500 employees; new orders – over 1.25 million €, turnover – 1’150 million €
- Wide spectrum of production, services and complex solutions for various branches of the Russian economy with focus on Industry, Energy, Telecommunication and IT, Medicine, Transport and Security
- Service centers and customers support centers
- Know-how and technologies transfer
- 6 daughter companies, 11 joint ventures
- Head office in Moscow, wide network of regional offices in more than 30 cities
- Partnerships with leading companies (Gazprom, RZhD, AFK Sistema etc.)

“Russia is for us not only one of the markets, Russia is a region where we want to work and create value added”

H. v. Pierer, President of Siemens AG
# Siemens in Russia

## OOO Siemens

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<thead>
<tr>
<th>Category</th>
<th>Subcategory</th>
<th>Company Name</th>
<th>City</th>
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<td>COM Communications</td>
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<td>A&amp;D Automation and Drives</td>
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<td>MED Medical Solutions</td>
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<td>SHS Siemens Hearing Solutions</td>
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<td>PGTD Power Generation, Transmission and Distribution</td>
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<td>TS Transportation Systems</td>
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## Regional Offices

- St. Petersburg, Ekaterinburg, Novosibirsk, Samara, Rostov-na-Donu, Khabarovsk, Kaliningrad

## Siemens Groups with own legal status

- OOO SBS Moscow
- OOO SMII Moscow
- OOO OSRAM-RUS Moscow
- OOO VDO Automotive, Moscow
- ZAO Izhtel Izhewsk
- OAO Svet, Smolensk

## Companies with Siemens participation

- OAO Sylovye Mashiny, S.Peterburg
- OAO KTZ, Kaluga
- OAO Nevsksy Zavod, S.Peterburg
- OAO Kompressorny Komplex, S.Peterburg
- OOO Demag Delaval Power Nevsky, S.Peterburg
- OOO Interturbo, St.Petersburg
- ZAO Interavtomatika, Moscow
- ZAO NPF Systema-Service, S.Peterburg
- ZAO Nuclearcontrol, Moscow
- OOOBSH Bytovaya Tekhnuka, Moscow
- OOO Fujitsu Siemens Computers, Moscow

## Central departments

- S1 “Siemens One”
- CT Corporate Technologies
- CIO Corporate Information Office
- CS Corporate Strategy
- CC Corporate Communication
- HR Human Resources
- CPL Procurement & Logistics
- LD Legal department
- IA Internal audit
- SFS Financial Services & Solutions
- A&C Accounting & Controlling
- QM Quality Management
- CSO Corporate Security office
- HSE Human Safety Environment
- TD Tax department
Siemens in Russia: Presence in over 30 cities

Regional offices

Kaliningrad
St. Petersburg
Petrozavodsk
Archangelsk
Cherepoez

Khabarovsk
Vladivostok

Novosibirsk
Krasnoyarsk

Moscow
Kaluga
Stary Oskol
Voronezh
Kazan
Tambov
N. Novgorod

Perm
Izhevsk

Ekaterinburg

Samara
Volgograd

Ufa

Novosibirsk

Tjumen
Chelyabinsk

Krasnodar
Rostov-Don

Astrakhan

Krasnoyarsk
Angarsk
Irkutsk

Barnaul

Regional offices

Kaliningrad
St. Petersburg
Petrozavodsk
Archangelsk
Cherepoez

Khabarovsk
Vladivostok

Novosibirsk
Krasnoyarsk

Moscow
Kaluga
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Ufa

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Tjumen
Chelyabinsk

Krasnodar
Rostov-Don

Astrakhan

Krasnoyarsk
Angarsk
Irkutsk

Barnaul

Regional offices
Siemens: Information and Communication

Communications (COM): Fixed Networks

- SURPASS – Key solutions for the next generation networks infrastructure
- EWSD Switching systems
- Next generation switching
- Next generation optics
- Next generation Access
- Office switching systems (Hicom)
- Analog Euroset phones for home and office
- Service center (SSC) in St. Petersburg

Communications (COM): Mobile Networks

- Network technologies and equipments for mobile networks GSM and UMTS
Siemens: Information and Communication

Communications (COM): Enterprise System & Services:

• Communications solutions for enterprises
• HiPath – products and solutions architecture convergence for legal and corporate customer

Communications (COM): Devices

• Mobile phones GSM 900 / 1800 and accessories
• Wireless digital phones DECT (Gigaset – Series)
Siemens Business Services (SBS)

- Consulting services on implementing SW-solutions SAP Business Suite
- Development of the customer’s IT-strategy based on its business processes
- Design, implementation and maintenance of corporate web-portals
- Elaboration of the strategy, methodology and providing with IT-outsourcing services according to the Service Catalogue
- Multi-vendor IT-systems installation, setting-up, starting-up and maintenance
- Service support of the complete customers’ information technologies infrastructure, “Help Desk” and “Service Desk” services
- Siemens Business Services’ Data Centers
Siemens: Automation and Control

Automation and Drives (A&D)

• Process automation systems
• Production and solutions intended for machine tools (also special), robots, industrial machines and automatic transfer lines
• Electrical installation
Siemens: Automation and Control

Industrial Solutions and Services (I&S)

Offerings cover the entire life cycle of industrial and infrastructure facilities, from consulting and planning through installation, effective operation, integration of MES-solutions, maintenance and modernization.

- Metals
- Mining
- Pulp and Paper
- Oil and Gas
- Marine Solutions
- Water
- Road Traffic
- Airfield Technologies
Siemens: Automation and Control

Logistics and Assembly Systems (L&A)

**Distribution Industry (DI)**
Leading supplier of solutions for automating logistic processes

Plants, systems and related services for:
- wholesale & direct distribution
- food & beverage
- retail grocery & general merchandise
- manufacturing & finished goods
- automotive & assembly

**Airport Logistics (AL)**

Designs and builds tailor-made solutions for baggage and cargo handling - matching todays requirements for high speed transportation, distribution and security
Siemens: Siemens Building Technologies

Siemens Building Technologies (SBT)

- Building automation and equipment for controlling heating, ventilation and air conditioning
- Management of building engineering systems
- Fire alarm and extinguishing, gas detection systems
- Intrusion, CCTV and access control systems

Designing, delivery of equipment, commissioning, maintenance and training
Siemens: Power

Power Generation Transmission and Distribution (PGTD)

- Fossil power generation equipment
- Mechanical drives and compressors with auxiliary equipment
- Process control systems
- Construction of fossil power plants on “turn key” basis
- Service and modernization of fossil power plants and compressor stations

- High voltage and distribution substation and equipment including all types of transformers
- Medium voltage systems and components (6-35 kV)
  DC-DC solutions
- Power automation and Energy management
Siemens: Transportation

Transportation Systems (TS)

• Rail automation systems for mass transit and main line: operation control systems; interlockings, automatic train control systems

• Contact lines and traction power supply

• Rolling stock for city and intercity transport: electric locomotives, high speed and intercity trains, regional trains, passenger coaches

• Metro vehicles, suburban trains, tramcars

• Complex solutions for city and intercity transport on engineering, project and financial management, railway automation and electrification, rolling stock maintenance

• Operate lease, refurbishment, maintenance, consulting
Siemens: Transportation

Siemens VDO Automotive

- Engine Electronic Management Systems components
- Passive Restraint Systems components
- Catalytic Converters components
- Instrumental Clusters
- Tachographs
Siemens: Medical

Medical Solutions (Med)

- Innovative products, services and complete solutions - from imaging systems for diagnosis to therapy equipment for treatment (Computed Tomography, Magnetic Resonance, Fluoroscopy, Radiography, Ahgiography, Nuclear medicine, Oncology Care, Patient Monitoring, Ultrasound)
- IT solutions
- Sales and service of healthcare equipment

Hearing devices
Siemens Hearing Solutions (SHS)

- Wide spectrum of advanced hearing devices; equipment and the software for their selection and adjustment
Siemens in Russia:

Fujitsu-Siemens Computers, Moscow

- Pocket&Tablet PC, Table PC, notebooks and workstations
- Intel-servers, UNIX-servers
- Data storage systems, monitors, accessories
- Network solutions

BSH Bosch und Siemens Hausgeräte, Moscow

- Wide range of household appliances
- Production of gas cookers (Chernogolovka)
Siemens in Russia:

OSRAM, Moscow

- Various types of light sources designed for common illumination, special and studio lamps, car lights tubes, launch and regulative devices, LED-modules
- Plant OJSC “SVET” - producer of linear luminous tubes (Smolensk)

Siemens Management of Infrastructure and Real Estate, Moscow

- Real estate: management and services
- Siemens buildings maintenance
Recent highlight projects

**Industry**
Kirishi – modernization power distribution systems at refinery plant
Cargill – automation and power equipment at food plant
Rosneft – Off-shore Platform Prirazlomnoje

**Energy**
Gazprom – supply gas pumping units for Compressor station “Ukhtinskaya” and “Vuktylskaya”
North-West Heating Power Plant – gas turbine and automation

**Telecommunication**
Megafon – expansion frame agreement on telecom equipment
Svyazinvest – 1 million switch ports supplied by Siemens
Siemens in Russia:
Integral part of the Global network of innovations

- **Gazprom**: co-operation in developing technologies for off-shore gas & oil fields, energy saving and ecology, telemedicine, standardisation and unification technical solutions for exploration and transportation of natural resources

- **Corporate Technologies Centers**: Software center in St.Petersburg, future focus: IT and material science

- **High Speed Trains**: Siemens and RZhD will develop and produce high speed trains for important railway relations (i.e. Moscow-St.Petersburg)

- **AFK Sistema**: Joint development projects on new technologies
Security: Siemens offers comprehensive solutions

Complex security systems in the all areas from public security (Transport, Big Events etc) to nuclear safety.

Siemens and AFK Sistema conducted an international Security Conference in December, 2004.

Siemens and a Russian partner will co-operate in the development and support of complex security systems, as well as in the establishment of an engineering center.
Siemens mission in Russia is to be the leading partner in the field of modernization and development of different branches of the Russian economy, being an integral component of the Russian society.