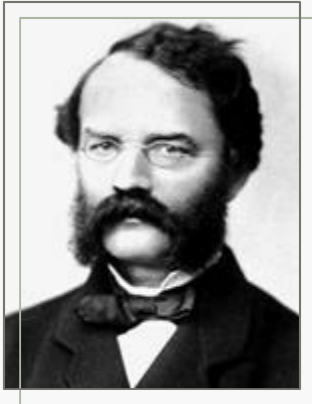


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Siemens in Russia

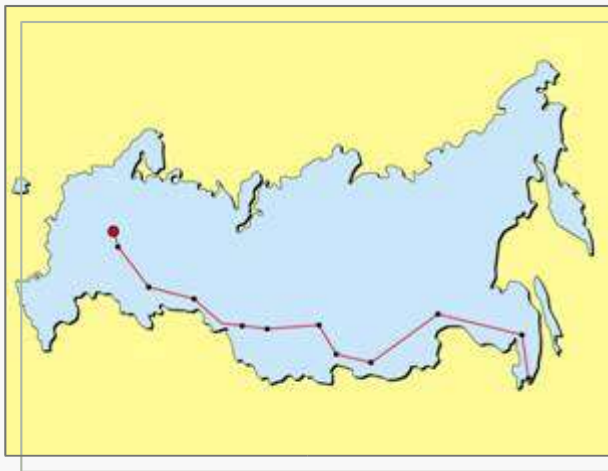
3rd Joint Advanced Students School
April 2/4, 2005, St. Petersburg

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 «Obshestvo electriceskogo 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 Novolipetsk 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

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OOO Siemens

COM Communications

A&D Automation and Drives

MED Medical Solutions

PGTD Power Generation, Transmission and Distribution

I&S Industrial Solutions and Services

SHS Siemens Hearing Solutions

TS Transportation Systems

L&A Logistics and Assembly Systems

SBT Siemens Building Technologies

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

Regional Offices

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

Siemens Groups with own legal status

OOO SBS Moscow

OOO OSRAM-RUS Moscow

ZAO Izhtel Izhewsk

OOO SMII Moscow

OOO VDO Automotive, Moscow

OAO Svet, Smolensk

Companies with Siemens participation

OAO Sylovye Mashiny, S.Peterburg

OOO Demag Delaval Power Nevsky, S.Peterburg

ZAO Nuclearcontrol, Moscow

OAO KTZ, Kaluga

OOO Interturbo, St.Petersburg

OOOBSh Bytovaya Tekhnika, Moscow

OAO Nevsky Zavod, S.Peterburg

ZAO Interavtomatika, Moscow

OOO Fujitsu Siemens Computers, Moscow

OAO Kompresorny Komplex, S.Peterburg

ZAO NPF Systema-Service, S.Peterburg

Siemens in Russia: Presence in over 30 cities



Siemens: Information and Communication



HiPath



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: Information and Communication



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

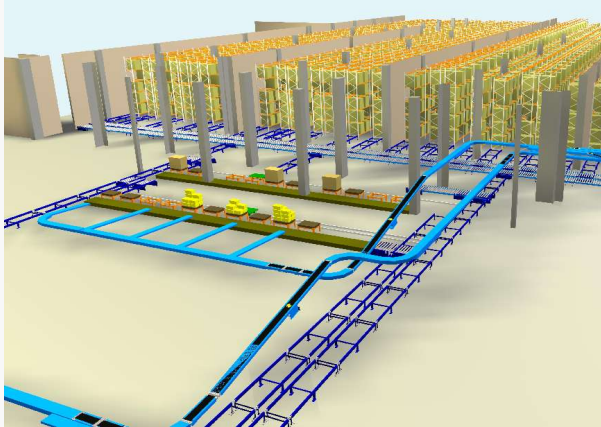


Industrial Solutions and Services (I&S)

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 today's 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
- Tachographes

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, Angiography, 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

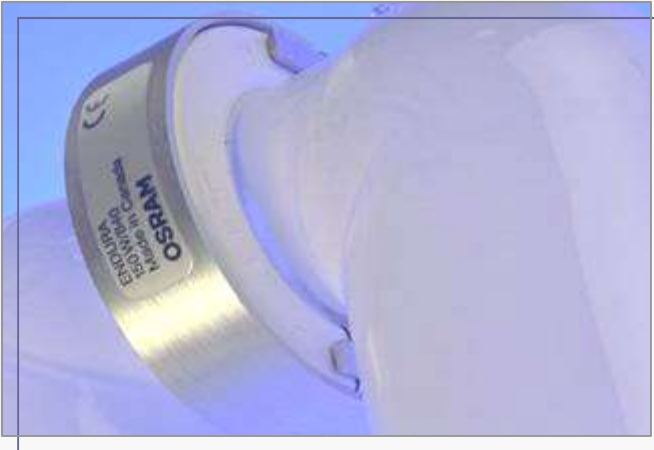
- Pocket&Tablet PC, Table PC, notebooks and workstations
- Intel-servers, UNIX-servers
- Data storage systems, monitors, accessories
- Network solutions



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

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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 in Russia: Over 150 years of tradition and progress

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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



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Siemens Russia

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