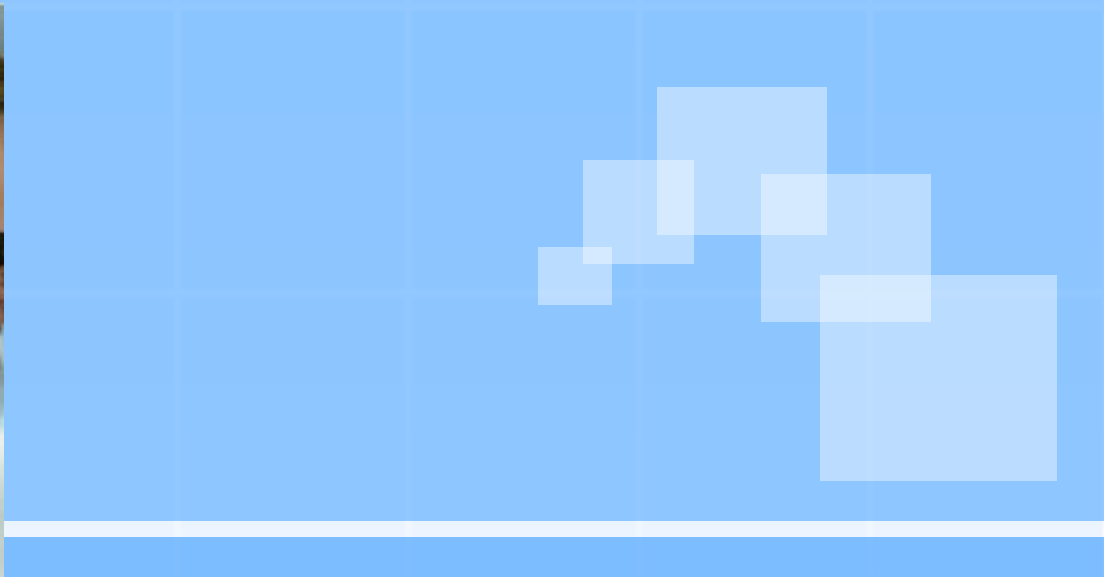




INTERSYST

INTERSYST GROUP



EFFECTIVE SOLUTIONS FOR YOUR BENEFIT



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- ▼ **INTERSYST group (hereinafter INTERSYST) dated back to 1992 when first company office was founded in Perm. Since 1997 INTERSYST, JSC exists as a distribution and service centre of telecom and IT solutions for the companies and enterprises of the Ural region.**
- ▼ **In 2002-2007 a group of companies was founded - a certified training centre (INTERSYST Training centre), a certified service centre (INTERSYST-Service), a certified capcom (Electronic Office); due to it INTERSYST is able to offer a wide range of services in telecom and IT sphere from different manufacturers.**



▼ INTERSYST Group:

- JSC INTERSYST – 1997, Perm.
- E-Office (capcom) – 2002, Perm.
- Training Center INTERSYST – 2003, Perm.
- INTERSYST-Service – 2007, Perm.

▼ **Today INTERSYST is an integrator of complete telecom and IT solutions and an official Alcatel-Lucent Premium Business-partner in Ural and Siberia region. INTERSYST head office is located in Perm. The other companies of the INTERSYST group (the Training Center, the Service Center, the Communication Service Center) are also located in Perm.**

▼ **During 13 years INTERSYST has stored up a considerable experience and knowledge in design, delivery, installation, commissioning and maintenance of modern digital voice and data switching systems for the enterprises of any scale and of any economic sphere and has realized over 250 telecom and IT projects in Ural and Siberia region.**



▼ Russia (1-19)

- Perm Region
- Sverdlovsk Region
- Tumen Region
- Kurgan Region
- Chelyabinsk Region
- Novosibirsk Region
- Omsk Region
- Orenburg Region
- Komi Republic
- Bashkortostan Republic
- Kirov Region
- Udmurtia Republic
- Tomsk Region
- Chita Republic
- Moscow Region
- Irkutsk Region
- Hanty-Mansiysk AR
- Yamalo-Neneck AR
- Habarovsk Region

▼ Kiev (Ukraine)

▼ Astana (Kazakhstan)

▼ Tashkent (Uzbekistan)





▼ ALCATEL-LUCENT.

- CS OmniPCX Enterprise
- CS OmniPCX Office
- Access equipment
- GPON equipment
- User terminals



▼ KEYMILE.

- UMUX
- MALEGATE
- SCADA



▼ GENESYS.

- Contact Center



▼ D-Link (USA).

- Networking and connectivity solutions





- ▼ **INTERSYST has the complete telecom and IT solutions realized, the corporate networks, capcom networks, the networks for hotels, medical institutions and public authorities created behind itself.**
- ▼ **INTERSYST offers a package of "turn-key" complex solutions or separate services including:**
 - consulting (audit of existing business-processes in an organization in telecom and IT sphere) and writing of strategic development concept;
 - exploratory design and development of performance specifications;
 - design work;
 - equipment and software delivery;
 - installation and commissioning;
 - Customer's technicians training;
 - warranty and after-sales service.
- ▼ **INTERSYST also assists with connecting the companies and enterprises to the telecom operators' networks and directs introduction of communication, IT and automation complete complex projects on the basis of the General contract.**
- ▼ **INTERSYST co-operates with the telecom manufacturers directly. Thanks to that we can offer our customers the advanced products at the competitive prices.**
- ▼ **INTERSYST technicians are certified by the equipment manufacturers and are re-trained and re-certified annually.**
- ▼ **INTERSYST has all necessary certificates and licenses for operating on telecom and IT market of Russia and will always be able to offer you the optimal solution for your company.**



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- ▼ **SURGUTNEFTEGAZ (SNG)- is one of the leading Russian oil companies whose activity is expanding over oil and oil-and-gas deposits exploration, developing and exploitation; crude oil and gas extraction and distribution, production and sale of oil and petrochemistry products.**
- ▼ **The base for corporate network voice and data transmission was formed in 1998 in the context of a big and complex project implementation made by ALCATEL company . The project included switches, voice and data routers, long-haul equipment and subscribers wireless access equipment.**
- ▼ **Once established the system has been upgraded repeatedly and since 2000 INTERSYST whose personnel had previously participated in network building, has taken a hand in network upgrading.**
- ▼ **Since 2001 till present days INTERSYST has been performing voice segment servicing of SNG corporate network and subsequent step-by-step network upgrading.**
- ▼ **In 2003-2005 INTERSYST has realized several system modernizations with migration to the new Alcatel OmiPCX Enterprise telecommunication server and increasing network capacity both for wire and mobile DECT subscribers up to 10 000 numbers.**
- ▼ **SNG corporate network distinctive features are first of all - high network capacity (nearly 10000 ports) and territorial dispersion of network nodes (area of Khanty-Mansiysk Autonomy region). It's also necessary to point out that the network is highly overfilled with extra services - voice mail, automatic attendant, last release of Network Management Center (NMC) and integrated mobile subscribers network DECT, which at the moment is one of the biggest network in the territory of Russia (more than 200 base stations DECT and more than 1000 DECT subscribers in network).**
- ▼ **In 2006 INTERSYST carries out works on the further modernization of the network because of capacity expanding; the exploratory design is also in process, being done by INTERSYST specialists.**
- ▼ **In 2009 INTERSYST realized an essential phase of the network modernization; 5 new nodes are launched and a couple of sites were upgraded with capacity expanding.**





- ▼ Slavneft oil-and-gas enterprise was founded in August 1994. Nowadays Slavneft ranks among the top oil concerns of Russia. The main oil production company of the enterprise is Slavneft-Megionneftegas. It has all necessary divisions for oil-field construction, well boring, construction and operation as well as for oil treating for transportation.
- ▼ Since 1995 Slavneft-Megionneftegas has been building its telecommunications on the basis of Alcatel equipment. 5200 PABXs became the corner-stone for its telecom network. The fundamental modernization of the company's telecom system was caused by its dynamic development.
- ▼ In 2005 INTERSYST started updating Slavneft-Megionneftegas telecom network. Technical design of the object and development of modernization documents were made by INTERSYST experts. The first update stage ended in 2006. By now 2 PABXs has been replaced by modern Alcatel OmniPCX Enterprise telecommunication servers with Alcatel GateWay switch that ensured interaction between renewed and old network segments. Digital 2-Mbit/s streams with EuroISDN signalling have provided PSTN output. DECT mobile microcell network, Alliance selector system, network voice mail system, CTI applications as new services were granted to the company's subscribers. The company has been supplied by 9 series Alcatel terminals with displays localized for Russia.
- ▼ In 2009 INTERSYST has realized the next in turn phase of telecommunication network modernization at Slavneft-Megionneftegas. The network capacity is significantly expanded and new conference system is launched into exploitation.





- ▼ **LUKOIL-INFORM, Perm affiliated company, is one of the leading companies on the Ural region telecom market. It provides a wide range of modern telecom services on the basis of LUKNET network in Perm, Sverdlovsk and Kirov regions.**
- ▼ **Constructed in 2000-2004 by INTERSYST technicians networks were passed to LUKOIL-INFORM from LUKOIL-PERMNEFTEPRODUKT and LUKOIL-PERM in 2004. Since that year INTERSYST has been carrying out the comprehensive maintenance and modernization of the mentioned networks.**
- ▼ **The main features of the network constructed by INTERSYST are the following: the capacity over 4000 ports, the geographical distribution (the north of Perm Territory) and the wide application of DECT and VoIP technologies.**
- ▼ **In 2005 network upgrading was fulfilled via VoIP technologies applied and DECT network expanded.**
- ▼ **In 2006-2009 INTERSYST has realized several staged of networks modernization; the software upgrade has been fulfilled up to the latest versions. The continuation of co-operation in the sphere of LUKOIL network technical services is one of the guidelines for future.**

- ▼ **Telecommunication Agency (ATel) provides telecom services for the companies of Perm Group of Finance and Industry. In 1998 INTERSYST constructed the private VoIP network based on Alcatel equipment (including SDH standard and GigaEthernet). Now the network meets the requirements of the strictest business-partners.**
- ▼ **In 2002 INTERSYST specialists upgraded and expanded the network geographically and quantitatively (the number of the network nodes and the network capacity were significantly increased).**
- ▼ **In 2003 the network extension covered Perm Group of Finance and Industry affiliated companies located in Moscow. IP-technologies based on Alcatel OmniPCX 4400 telecom servers were widely adopted in new network segments.**
- ▼ **At the end of 2009 there were over 45 nodes, over 6000 ports, over 800 DECT subscribers in the network. The network architecture became hybrid and included both Alcatel equipment (OmniPCX 4400 and OmniPCX Enterprise telecom servers), Lucent Technologies (TDM MCC), UMUX (STM MCC) and Cisco equipment (IP MCC).**
- ▼ **In future INTERSYST is planning to use CTI and VoIP technologies for further company network expansion. Both the network capacity and the network geography will be enhanced.**



- ▼ **SvyazTransNeft Capcom Company provides communications for output oil-fields and petroleum refining factories. During the period 1997-2000 the West Ural network segment was equipped by Alcatel digital PABXs. As a result oil industry factories have got world standard quality networks and ISDN access including most distant oil-fields.**
- ▼ **During the period 2000-2009 INTERSYST specialists rendered the works on technical support and network expansion, provided LUKOIL-PERM and LUKOIL-Permneft networks interaction.**
- ▼ **INTERSYST have started the prior design works on the network audit to get the initial data to form the technical task for the global modernization projects. The VoIP technologies are supposed to be widely used in future modernization.**



- ▼ **The West-Ural Branch of the Savings Bank of Russian Federation (Sberbank) is the first-rate bank in Perm region, has built the voice and data network on the base of Alcatel OmniPCX 4400 telecommunication servers and Cisco routers in 1998-2001. Beginning from 1999 to 2002 the network was modernized and extended by INTERSYST. The works on corporative telecommunication banking sphere escalation for the territory of all Perm region were begun. This is a determinative base for the development of modern bank technologies.**
- ▼ **In 2002-2005 the works on expansion of new segments of the bank corporative network using the VoIP and DECT technologies started. Several new node stations in the territory of Perm and Perm region were installed and launched into operation. The basic equipment for the new nodes and the modernization of existing ones are the telecommunication servers Alcatel OmniPCX4400 and Alcatel OmniPCX Office.**
- ▼ **During 2006-2009 INTERSYST specialists continued building of bank network in the region as well as realized extension of service possibilities. Call center for bank customers was launched into exploitation; OmniVista software for management of bank telecommunication network was installed. New plans on further development of the bank telecom network with integration of modern CTI applications are under way.**





- ▼ SKB-bank is one of the leading banks in the Urals - its branch-office system embraces the majority of cities in the Sverdlovsk region.
- ▼ In 2004 INTERSYST and SKB-bank signed the contract on telecommunication network modernization of the bank. The co-operation of the two companies is oriented for three years and presumes building up the bank corporative network covering 25 branch- and extra-offices in Ekaterinburg and the region. Telecommunication server Alcatel OmniPCX Enterprise for more than 650 subscribers in the central office of the bank serves as a nuclear for the network with integrated mobile (DECT) telephony and CTI applications for incoming calls maintenance.
- ▼ In 2005-2007 INTERSYST specialists realized the first step in network modernization with capacity extension.
- ▼ It is planned to develop telecommunication system of the bank using VoIP technologies, DECT mobile telephony and CCD in the nearest future.





- ▼ Ural FD bank works on the financial market since 1990 and is in the list of Top-40 Ural banks concerning its actives and capital.
- ▼ Ural FD has made its choice towards Alcatel-Lucent and since 1997 the telecommunication system of the bank is based on Alcatel equipment. In 2004 the essential modernization of the bank telecom system took place and Alcatel OmniPCX Enterprise telecommunication server was installed. It serves over 250 subscribers; has an integrated Voice mail and the most called-for application - CCD for bank customers. This was the first installation of Alcatel OmniPCX Enterprise in the Urals.
- ▼ In 2008 the next step of system modernization was realized with software upgrade and subscriber capacity extension. Besides that a couple of CTI applications were implemented.
- ▼ INTERSYST and Ural FD have mutual plans for further development of the bank telecom system, mainly concerning branch-offices to realize all the potential functions of the installed corporate network.

- ▼ The Perm Regional Division of the Central Bank of Russian Federation (CB RF) has built up the network using telecommunication servers Alcatel OmniPCX 4400 and Cisco routers with IP technology in Perm and Perm region in 2001. A number of new integrated services were launched in Perm Division central office: DECT system, integrated Audio Information Exchange, Central Network Management (NMC), centralized system of traffic collection.
- ▼ The network was modernized and extended by INTERSYST in 2002-2005, new switching points were added; expansion of the network using the IP-technology was realized together with software upgrade; bank system of traffic collection was integrated into federal network of the Central Bank of Russian Federation.
- ▼ Since 2005 INTERSYST provides servicing of the telecom network for the Perm Regional Division of the Central Bank.
- ▼ The Zabaikalsky Regional Division of the Central Bank of Russian Federation (Tchita Central Bank) was founded in 1894. Nowadays it consists of Regional informatization Center, Central Payment Office in Tchita and 29 payment offices in the region.
- ▼ Co-operation of Tchita Central Bank and INTERSYST started in 2007 and goes on at present. INTERSYST specialists fulfilled the installation, start-up and adjustment works of the telecommunication system based on Alcatel equipment. The integration with Barsum tariffication system was successfully realized.
- ▼ Since 2007 INTERSYST provides servicing and technical maintenance of the Tchita Central Bank corporate telecommunication system.





- ▼ JSC Metcombank is one of the most perspective banks not only in the Ural region, but in whole Russia
- ▼ With the development of business Metcombank felt the necessity for the modernization of its telecommunication network. Modern Alcatel OmniPCX 4400 telecommunication server replaced the old 4200 PABX, installed by INTERSYST technicians in year 2000. Besides that the number of DECT subscribers increased considerably. Network Management Centre, installed during the current modernization (2003), allows to develop branch-offices network of the bank rapidly, using the modern technologies including VoIP.
- ▼ In 2005-2009 INTERSYST went on building the bank corporative network, paying much attention to the remote branch-offices, using VoIP technology
- ▼ In future the further development of bank telecommunication network is in plans, VoIP technology being the main strategic instrument.



- ▼ **The Perm Branch of the Petrocommerce Bank has equipped its new office with telecommunication systems in December 2002 with assistance of INTERSYST. INTERSYST realized technical design work, equipment delivery, equipment installation and setting in operation the following systems: structural cabling system on the basis of Nexans, Defem, Iboco equipment; system of uninterrupted power supply on the basis of PowerWare equipment; system of loud warning on the basis of Bogen PCM equipment; telecommunication network based on Alcatel OmniPCX 4400 telecommunication server.**
- ▼ **This equipment permits to build up scalable corporative voice and data network between branch offices of Petrocommerce bank in Perm. INTERSYST is the author of the bank corporative network concept and the supplier of the main equipment elements for the concept realization.**
- ▼ **In 2003-2005 the bank corporative network was modernized by INTERSYST specialists.**



- ▼ Ugra Research Institute of Information Technologies (URIIT) – is the first-rate regional center for basic and applied researches in the sphere of base information technologies for oil and gas industry and environmental protection in Khanty-Mansiysk Autonomous region.
- ▼ In 2002 INTERSYST has completed the first stage of work for setting into operation feeble-current system complex for the URIIT group of buildings. Design estimates package for the whole system complex has been worked out and presented, works on delivery and installation of structured cable network for 600 workplaces have been performed and a new telecommunication server OmniPCX 4400 (Alcatel, France) for 500 users, with the integrated DECT system for 100 users has been set into operation.
- ▼ In 2003 works on delivery, installation and setting into operation of a big segment of local area network (LAN) (Cisco, USA) for 500 users, which commutation equipment capacity is being used for geodesic information handling from the super servers complex Sun, set in URIIT by the company UNI (Moscow) have been performed.
- ▼ According to the project the following works were fulfilled: installation and setting into operation of external and internal video observation system allowing for the possibility to archive observation data (KODOS, Russia); access control system on the base of individual personnel plastic cards (KODOS, Russia); centralized time displaying system (Moserbaum, Switzerland) and power backup systems with 0,5 MWatt total performance. The works on the latter were carried out by Utilex-IT (Novosibirsk) who acted as a subcontractor.
- ▼ During 2004-2006 INTERSYST has rendered services to all the installed systems. The further modernization of telecommunication system using VoIP technologies is planned.

- ▼ Skiing center (Khanty-Mansiysk) –the leading biathlon center of Russia, has been inaugurated in December 2000: stadium, firing line, stands for more than 10000 spectators, sport school building, power supply units, ski-roller path, bridges and over bridge, sport club building, hotel complex.
- ▼ Telecommunication system in the skiing center has been set into operation in 2000 by the company Alcatel on the base of Alcatel OmniPCX 4400 telecommunication server.
- ▼ Since 2001 server and all the system servicing and further upgrading has been performed by INTERSYST.
- ▼ In 2001 prior to Grand Prix of International Biathlon Union (IBU Grand Prix) the first considerable server upgrading has been performed. The total server commutation capacity has been enlarged, public network connect channels have been upgraded and mobile communication system on base of DECT standard has been set into operation.
- ▼ At the end of 2002 they have finished the construction works on a new press-center building and new team-rooms for the skiing center. For the World Biathlon Championship of 2003 the regular server upgrading has been performed. It entirely permitted to provide press-center and all the journalists attending the Championship with telecommunication services. Also DECT mobile communication coverage area has been expanded.
- ▼ It's intended to perform the further telecommunication server upgrade for the skiing center with integration of the up-to-date services and applications.





- ▼ **The Pervouralsky Novotrubny Works (PNTZ) is the Russian and European leading company in the field of the steel pipe production. In 2001 INTERSYST has modernized the communication system using Alcatel Omni PCX 4400 and keeping the old telecommunication system based on KVANT PABX. The interaction of the old and new PABXs was realized.**
- ▼ **During 2002-2005 INTERSYST has fulfilled several steps of system modernization and upgrade, but the structure became the same, based on both old and new equipment.**
- ▼ **In 2006 the full modernization of the telecommunication system took place; the old elements were excluded and all the subscribers' capacity was switched to the modern Alcatel equipment. The modern telecommunication server Alcatel OmniPCX Enterprise was chosen as the basis of the system. The total capacity of the network has reached 5 000 ports.**
- ▼ **In 2007-2009 the works on expanding the capacity and implementation of the modern technologies - VoIP, DECT, CCD and others were held by INTERSYST specialists.**



- ▼ The Perm Printing Factory GOZNAK, the leader of printing industry in Russia was among the first (1998) to use the portable technology network with DECT standard in the Ural region. The technical design, equipment installation and setting the DECT network into operation were executed by INTERSYST.
- ▼ In 2002 the telecommunication factory system was modernized and extended by INTERSYST, new services were added. In 2005 the mobile network with DECT standard was extremely reorganized with the change of the whole network structure. Nowadays the portable telecommunication factory system is the one of the most powerful.
- ▼ In 2006-2009 several steps of the telecommunication system upgrade was realized by INTERSYST technical specialists with the launching of the latest software release.
- ▼ Goznak is traditionally among the first to apply new Alcatel equipment, now the modern digital terminals of the 9-th generation are in use. In future the works on telecommunication system modernization on the bases of VoIP technology are planned.





- ▼ **HENKEL, one of the world leaders in chemical industry, has opted for Alcatel equipment to construct its telecom network.**
- ▼ **In 2004 INTERSYST gained the tender and signed an agreement for upgrading HENKEL-Pemos telecom network in Perm. The structured cabling system (SCS) based on NEXANS equipment, the LAN based on CISCO equipment as well as the private voice switching system based on Alcatel OmniPCX Enterprise telecom server were designed and installed in the framework of the agreement. The conference feature was fulfilled along with the basic features of the server.**
- ▼ **In 2005-2006 INTERSYST experts upgraded all the network components in the context of the entire expansion of company's production facilities and company's telecom network was integrated into HENKEL private network via VoIP based on the similar Alcatel equipment.**
- ▼ **INTERSYST is planning to produce further upgrades by launching new remote shelves for serving additional worksites. Moreover, DECT system installation is in sight. The system is called upon to increase staff's mobility on company's territory.**





- ▼ **Uralkaly Open Joint Stock Company is the leading enterprise in its field. Up to year 1993 the telecommunication network of Uralkaly was presented by two "Kvant" stations with total capacity - 3000 ports.**
- ▼ **In 1993 Uralkaly built its digital telecom network based on Alcatel equipment. The network counted 5 nodes (capacity 2600 ports)/ This network connected the mining departments with the company administration.**
- ▼ **In 2001-2002 Uralkaly network was upgraded and expanded by INTERSYST. The new Alcatel Gateway and PABX A4400 were installed and the process of switching to 4400 equipment has begun.**
- ▼ **In 2003 INTERSYST won a tender contract to completely upgrade the voice transmission network. The upgrade was carried out on the basis of Alcatel OmniPCX 4400 telecom servers. The works have been fulfilled in 2004; therefore all interstation communications were realized both for voice and data, NMC was installed and VoIP technologies were realized for Berezniki-Moscow segment of network. The launching of CTI technology on the network was started in step by step order. The aggregate network capacity (including distant Uralkaly office in Moscow) totals more than 6000 ports, the number of telecommunication nodes reached 13.**
- ▼ **The prospect trends of network development are increasing the share of network segments based on VoIP technology, developing CTI and establish interconnection between the existing network into GSM mobile network.**





INTERSYST

QUALITY HOTEL, Tyumen

- ▼ **Opened in September 1995 Tyumen Quality Hotel became the first hotel in Russia applying Choice Hotels International system. To be best in Tyumen the Hotel has introduced a unique experience in hotel business at European level and an individual approach to the clients.**
- ▼ **In 2002 INTERSYST technicians constructed the DECT telecom system based on Alcatel OmniPCX 4400 telecom server for fixed and mobile subscribers. It is integrated into Fidelio hotel management system via Alcatel Hotel Link. An opportunity of using appropriate alternative providers is ensured by the system.**
- ▼ **INTERSYST specialists carried out servicing of the Hotel telecom system.**



- ▼ Park Inn Hotel is the first international hotel in Ekaterinburg and is a member of Rezidor SAS hotel network.
- ▼ In 2004 INTERSYST specialists has worked out the technical task both in Russian and in English for the low-power systems for the hotel campus.
- ▼ In 2005 the telecommunication server Alcatel OmniPCX Enterprise (latest version) was installed in the hotel. Besides that the interaction of Alcatel equipment and specialized hotel management Opera was realized via Alcatel Hotel Lonk interface. The successfull realization of the project has once again proved the advantages of Alcatel equipment and the high level of its compatibility with external applications.
- ▼ Beginning from 2006 INTERSYST renders after-sales services to Ekaterinburg Park Inn hotel.



- ▼ **Atrium Palace Hotel & World Trade Center is the first five star world standard hotel and trade center in Ekaterinburg. The works for adapting the communication system to the hotel services requirements were realized by INTERSYST (voice context prompting in four languages, cooperation with hotel management system Fidelio and others). The network was modernized and extended in 2002.**
- ▼ **July 2005: the important stage of modernization has been realized. INTERSYST specialists carried out the replacement of the old PABX A4400 for the modern telecommunication server Alcatel OmniPCX Enterprise; with mobile DECT system and Wi-Fi access system, based on Cisco equipment; also the structured cabling system cat 5e was built, using Nexans equipment. The staff and visitors of the hotel will not only use all the previously installed features, but also benefit from the new possibilities of modern Alcatel equipment.**
- ▼ **INTERSYST is planning to make the further upgrade of telecommunication system to expand the range of services for the trade center staff and visitors.**





- ▼ The “Polet” hotel in “ Bolshoe Savino” airport is a modern enterprise of hospitality industry in Perm, equipped with a hotel automation system. Hotel includes 60 rooms, a restaurant, business- and fitness centers.
- ▼ In 2004 INTERSYST built a telecommunication system of the hotel, based on Alcatel OmniPCX Enterprise server, fully provided hotel needs in modern telecommunication services. Integration of OmniPCX Enterprise telecommunication server with the hotel management system FIDELIO by specialized hotel interface became the main project feature. Due to the executed solution the hotel personnel has got an access to the complex of specialized services such as: the determination of the room status, the occupying-evicting procedure, the tariff system of the telephone talks in hotel rooms.
- ▼ The realization of FIDELIO and OmniPCX Enterprise connection once again underlines the open architecture and high level of Alcatel equipment compatibility.
- ▼ INTERSYST specialists provide servicing of the hotel’s telecommunication system.



- ▼ **UGRA VALLEY Hotel complex is the most modern 4 star hotel complex in Khanty-Mansiysk region. It was Biathlon World Championship'2003 which ensured the opening of the Hotel. The tourists and sportsmen who have come to the Championship became its first guests. Many companies, both Russian and foreign, took part in the Hotel construction which nowadays represents a huge and composite technical and engineering structure.**
- ▼ **Before Biathlon World Championship started in 2003, INTERSYST experts had carried out all necessary design works and constructed the Hotel telecom network as well based on Alcatel OmniPCX 4400 telecom server.**
- ▼ **Additionally the voice mail system was integrated. It works with 4 European languages (besides Russian) and provides the interaction between the Hotel staff and its clients. The interaction between the telecom server and the Hotel services (Epitome PMS Hotel Management System) has been debugged via Alcatel Hotel Link.**
- ▼ **During 2004-2006 INTERSYST technicians supported the installed telecom system.**
- ▼ **The further modernization of the network is planned including the implementation of modern CTI applications.**



- ▼ Plaza Olympia, now Hilton Garden Inn Perm, is a modern business-hotel meeting the high international service standards and employing the high-qualified staff. The atmosphere of the hotel is ideal for business people and for people rated highly exclusive interior, individual and excellent service.
- ▼ In 2006 INTERSYST specialists designed and implemented the telecom system for the hotel based on Alcatel-Lucent OmniPCX Enterprise server for 150 subscribers.
- ▼ Alcatel 9 series terminals and FIDELIO PMS integrated into Hilton Garden Inn Perm telecom system have been included into the project providing clients' convenience.
- ▼ Traditional Alcatel voicemail became an integral part of the service delivered by the hotel.
- ▼ In 2007 the co-operation kept developing via installation of the licenses for SIP-protocol usage that allows transmitting voice and data over IP around the hotel.

- ▼ Trading and office center Antey, the highest building in Ekaterinburg is the first stage of the big business campus construction, erected in the center of the city.
- ▼ In 2004 INTERSYST specialists have equipped Antey center with the modern telecommunication equipment manufactured by the leaders of the industry: Alcatel, Nexans, Cisco Systems.
- ▼ Besides that the biggest DECT network based on Alcatel equipment was installed in the building of the business center. It covers the territory of the building consisting of 19 overhead and 3 underground floors and the bordering territory. The telecommunication system built by INTERSYST allows to expand the network for all the perspective campus up to 5 000 subscribers.
- ▼ INTERSYST is going to expand the installed systems, namely DECT network.





- ▼ **“Integrated Energy Systems” (IES-Holding) is one of the largest companies managing assets in the power industry. The company operates in all segments of the power sector, including generation, distribution and sales of power and heat, construction of power facilities, and services.**
- ▼ **INTERSYST has got a successful experience in co-operation with holding companies. We realized a number of telecommunication projects in JSC “GAZEKS”, LLC “ENERGOKOMKOMPLEKT”, JSC “KOMENERGO” and JSC “SVEKO”.**
- ▼ **INTERSYST specialists have realized different projects on the sites of IES-Holding: systems of conference communication were installed, telecommunication network based on Alcatel equipment with micro cell communication of DECT standard was developed; the design and installation of structured cabling system took place.**
- ▼ **Beginning from 2004 to nowadays INTERSYST realizes after-sales services to the IES-Holding.**





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Any questions?

