



PROFESSIONAL SERVICE

teleSys Software, Inc.

Bridging Telecom & Internet Networks

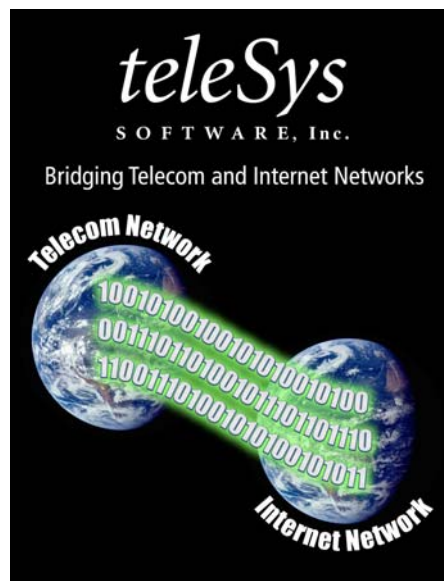
Your Choice for Signaling Solutions

Let teleSys Software, Inc. carry the heavy lifting when it comes to your service switching and signaling needs. Concentrating on core competencies is a key component to business success. teleSys Software, a leading provider and developer of switching and signaling solutions, now puts its core competency in the service of your telecommunications application. Whatever your product, Softswitch, SCP, Intelligent Peripheral, Enhanced Service node or other service application, teleSys is your choice for signaling components and integration services. We provide advanced, integrated signaling solutions to the TDM/PSTN and emerging IP networks, as well as the bearer channel access required by many applications. teleSys' is well grounded in the Next Generation Intelligent Network world and a leader in bringing the economy of IP based network elements into seamless communications with the TDM/PSTN. In-depth technology domain expertise in a wide range of communication technologies and a large inventory of pre-engineered robust Building Blocks are the basic intellectual assets of the company, which provide an unparalleled advantage to customers in cutting down product development time.

Our Expertise

teleSys Software combines quality people with in-depth knowledge and experience, outstanding service and an unwavering focus on our clients' business needs. teleSys' strength stems from its R&D and strong software development base. Our team has extensive experience in the telecom industry. Solid technology, product management and general management expertise specializing in the telecom signaling and call control, in both, TDM/PSTN and Internet Protocol (IP) based network elements.

Market segments include wireless and wire-line products and services. Our technology facilitates migration to, and the deployment of, Voice over Internet Protocol (VoIP) and helps drive convergence of TDM/PSTN and IP networks; solving complex telecommunications infrastructure and internetworking challenges with open, standards-based products, custom development and services. Along with developing call control/features for Class 5,4 and 2 switching systems teleSys expertise includes, SS7, SIGTRAN, H323, SIP, DIAMETER, MGCP, MEGACO and ISDN to name a few. teleSys has implemented and deployed contract products, taking full ownership from requirements to deployment.



Team Experiences:

- **Systems, Design and Project Management Experience includes**
 - **Managed development and deployment of:**
 - ❑ Signaling Gateway in the AT&T Wireless Network.
 - ❑ Inter-working Gateway for Verso/NACT.
 - ❑ Service Control Point for Global 800 number service for Comoretel, Who's Calling.
 - ❑ SS7 Signaling Solutions and Services for AT&T Wireless, Korea Telecom, SK-Telecom, KTF etc.
 - ❑ TINA project for Sprint.

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- **Designed and Developed the following:**

- **Network Elements:**

- Wireless: Signaling Gateway for Wireless Office System (WOS), Home Location Register (HLR) for GSM Phase 2, Service Control Point (SCP) based on IS-41, Service Management System (SMS), Intelligent Peripheral (IP-IVR).
 - Wireline: VoIP Signaling Gateway, International Signaling Gateway, Media Gateway Controller (MGC), Service Control Point (SCP) INAP/AIN, Service Management System (SMS), Intelligent Peripheral (IP-IVR)

- **Applications:** Free-phone (800#), Premium Rate, VPN, Prepaid Calling Card, Televoting, and Universal Access Number etc.
 - **Software Modules:** High-Availability Module, Inter-working Bridge between Signaling protocols, SNMP based network management, Web-browser based OAM&P, Call State Machines, etc.
 - **Signaling Protocols:** SS7 (inc. 2G & 3G wireless), SIGTRAN, SIP, H323, ISDN, MGCP, Megaco etc.

Core Competencies

- **Migration Strategies**
 - Efficiency upgrades
 - Hardware Independence
 - Vendor Independence
- **Signaling Services**
 - Wireless and wire-line based Intelligent Network Application.
 - Signaling protocols Inter-working (ANSI-ITU etc.).
 - Signaling Network Inter-working (SS7-H.323, SS7-SIGTRAN etc.).
 - Intra and Inter-continent SS7 signaling backhaul over IP. *
- **Switching Services**
 - Class IV Media Gateway Control (MGC) for SIP-SS7 with MGCP support.*
 - Intelligent Peripheral for wireless service. *
- **Network solutions**
 - Enabling Number Portability for wireless network.
 - Support for Geographical Redundancy using patent pending distributed architecture.
 - Highly-Available architecture for network equipment solutions
- **OSS / BSS**
 - Customization of user interface for the network equipments
 - Integration of Network Equipments for central office and back-office support.

Best Practices

teleSys's Professional Services Group works with customers worldwide to provide the optimal solution that meets the specific business needs of its customers. Our full spectrum outsourcing services, expertise in varied communication technology domains, supported with proven business models and the ROI advantage we offer makes us your ideal Strategic Outsourcing partner.

The teleSys Professional Services combines the highest degree of personal interaction with an experienced US-based team, while providing the cost benefit of offshore development with an India Development Center. teleSys Software also offers on-site and a combination of the offshore/on-site project execution models to reduce both costs and time.

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teleSys Software, Inc. is also capable to take full responsibility for any specific product line of the customer which includes feature enhancements, customer support, maintenance and testing services, besides successfully implementing turnkey projects involving the full-software development life cycle.

- **Functional Specification** Covers the requirement specification which defines the overall functionality of the system.
- **High Level Design** Provides overall design of the solution including external interfaces.
- **Detailed Design** Provides detailed design with components modular architecture and their communication interfaces.
- **Coding and Unit Testing** Implementation of components and testing of individual modules.
- **Integration Testing** System integration tests with the simulators.
- **Customer Acceptance** Customer testing prior to delivery.
- **Installation and Integration** On-site installation of the system.
- **Training** Hands-on training - at teleSys or customer site.
- **Support** 24x7 worldwide supports to clients in the Americas, Europe and Asia.

Quality & Security

Quality is rigorously ensured and assured during the entire development cycle through constant checks and established processes. Stringent quality gates are maintained through periodic code reviews and completely independent test and Quality Assurance teams. teleSys Software, also guarantees in protecting the client's IPR in all offshore projects along with securing the confidential information and materials through legal agreements. The contingency plans for security emergencies are drawn up, kept under review and periodically tested.



Choose teleSys

teleSys' experience offers cutting edge technology, in-depth domain expertise, and accessible personnel in all areas of telecommunication technologies in order to provide your company best-of-breed solutions and services. teleSys forms flexible, strategic partnerships with its clients based on their business needs. Our services range from providing skilled consultants for project/product support to developing strategic solutions designed and scaled to meet your technology challenges. With teleSys you receive:

- Best-of -breed quality software development at extra low offshore development rates
- Increased development capacity without increasing company's resources personnel and materials.
- Access to development resources with wide and in-depth experience in various new and specific technologies.
- Fastest possible response to emerging market opportunities.

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Standards Committee Participation

- Chaired and Hosted meetings for ITU-T (Intelligent Network) Working party 4.
- Actively contributed to ITU-T (Intelligent Network) Working party 4.
- Actively participated in ETSI working group meetings.
- Participated IETF SIGTRAN Working Group meetings and bake-offs.

Industry Memberships

International Telecommunications Union (ITU) - Participant,
American National Standards Institute (ANSI) - Participant,
Internet Engineering Task Force (IETF) - Participant,
Universal Wireless Communications Consortium (UWCC) - Member,
International Soft-switch Consortium (ISC) - Member,
IN Forum - Member,
Institute of Electrical and Electronic Engineers (IEEE) - Member,
JAIN Community - Member, Parlay Group- Member

Partial List of Customers:

AT&T Wireless Services
Korea Telecom (Korea)
SK Telecom (Korea)
KT-FreeTel (Korea)
US Cellular
Triton PCS
Rogers AT&T (Cantel) Canada
Nortel Networks
Lucent Technologies
Verso/NACT
Comoretel / Telnor (Norway)
Hurim Interactive (Korea)
Veraz Networks
Innomedia and other wire line and wireless clients.

teleSys Software, Inc.

teleSys is the Premier Provider of telecommunication solutions and services for the Next Generation Intelligent Network, delivering open systems software and hardware. The teleSys portfolio of products and services supports industry standards and all prevalent protocols in traditional and converged Next Generation telecommunication networks.