



APTSOURCE

ABOUT APTSOURCE

Aptsource is your IT partner and one stop source for Consulting in all aspects of Information technology adoption and transition management to meet the needs of the diverse aspects of your evolving business. Aptsource Consultants work closely with your executive teams to help them formulate and implement effective IT strategies for continuous improvement and business excellence .Our consultants engage into your environment to firstly understand your transition needs and then define and implement the IT roadmap to support staged transition into the desired level of operational and business maturity.

We are involved in turnkey mega-projects from setting up to operating virtual CIO's office for managing enterprise wide processes, information and staged IT enablement to meet our customer's business goals and objectives with ownership of the subsequent phases of elaboration, construction, validation and transition. Our IT enablement initiative cuts through verticals like Manufacturing, Food Processing, Healthcare and key horizontal functions like F&A ,HR ,production ,procurement ,sales and logistics .

Our Information technology adoption and transition management service is largely aided by opensource technology and product customization, extension and implementation. We bring to you innovative and cost effective solutions with proprietary SI framework integrating appropriate opensource technology based components to effectively manage growing business and overcome challenges associated with integration, migration and management of your business data.

We also have our own enterprise solutions for addressing various generic requirements of evolving business like Enterprise level Task and document management , workflow automation and collaboration

APTSOURCE IN HEALTHCARE

Increased information technology (IT) capabilities, availability, and usability lead directly to improved clinical quality, safety, and effectiveness within the inpatient hospital setting. Aptsource has defined specific measurement indicators in an attempt to examine the existence, timing, and level of improvements in health outcomes that can be derived from IT investment. These indicators are in three areas: (1) IT costs (which includes both initial and ongoing investment), (2) IT infusion (ie, system availability, adoption, and deployment), and (3) health performance (eg, clinical efficacy, efficiency, quality, and effectiveness. Aptsource has a dedicated healthcare group comprising domain experts and IT professionals who have spent decades in reputed organizations focused on healthcare product development and solution consulting .This team has a significant experience of working on both provider and payer business problems .In case you are a hospital , TPA or Insurance payer and looking for ways to leverage IT to address some of your business challenges we can consult ,implement and deploy appropriate strategy and solutions based on an in-depth evaluation of your current processes and system utilization. If you already know where your problems are and looking for specific solutions to such identified problems we will be glad to help you choose from our opensource product portfolio which we can customize and reengineer to suit your specific needs . We also have our SOA enabled application integration framework which can help in rapid integration of our recommended applications and products with your existing systems to build the comprehensive solution.



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Our Offerings and Solutions

Aptcare – An Integrated New Generation Hospital Management System

AptCare is an integrated new generation hospital management software which has been designed for multi-specialty hospitals, to cover a wide range of Hospital administration and management process, by commercial extension of PatientOS opensource. The key objective of this solution is to integrate all major workflows within a healthcare enterprise that can help your organization proactively manage clinical, financial, and administrative functions from beginning to end. It is fully compliant with HIPAA and industry standards. Its time saving and efficiency enhancing features will revolutionize your practice.

Includes:

Appointment Scheduling

Patient Registration

Payment and Insurance Tracking, Processing and Collecting

Charting and Record Keeping

Integration with Other Applications

Prescription Writing

Laboratory Tracking

Patient Check-In/Check-Out, Tracking and Handling

And several other features and functionalities

We at Aptsource can help you to meet your specific requirement by way of customization, enhancements of Aptcare and also integration with other existing systems. It is our mission to deliver a broad range of open source business solutions, extend their functionality and reach by making them available on the web and also via wireless enablement. As a technology company we have evaluated our portfolio of offerings extensively, with a key emphasis on market standards and quality requirements, coupled with long term strategic product placement. It is with these key indicators in mind that we have developed Aptcare as our medical clinic practice management solution to promote, implement and support within the Indian/Asian medical community.



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Open CRX – An Opensource Customer Relationship Management solution

OpenCRX is an open CRM solution that meets the needs of organizations requiring multifunctional, enterprise-wide coordination of sales generation, sales fulfillment, marketing and service activities to customers, partners, suppliers or intermediaries:

Groupware

OpenCRX features lots of groupware functionality enabling users to manage e-mails and calendars (shared and/or private ones). Calender information is available in a variety of formats including CalDAV, ICS/iCal, and FreeBusy so that users manage their calendars with their preferred calendar client. E-mails are accessible with any IMAP-enabled E-mail client.

Account Management

OpenCRX's account management provides a true 360° view of customers across contracts, activities, products, and status. Account management enables your employees to build tighter, more profitable relationships by understanding the status of each account.

Product and Price Management

In addition to managing products, prices and price lists in multiple currencies, you can build complex products based on simple products. openCRX supports the whole range of advanced product structuring, e.g. product bundling and design of product offerings based on multiple product bundles. Extremely flexible pricing rules, which you can add/modify at run-time, allow you to implement any desired pricing algorithm.

Sales Pipeline

OpenCRX allows your team to focus on profitable deals and close them faster by sharing consistent sales information, tracking deal progress, and recording all deal-related interactions. In combination with openCRX's activity management you can customize your own sales processes. The sales pipeline gives marketing professionals the tools to manage prospects and existing customers. You can integrate the openCRX sales pipeline at any stage with your existing ERP application to provide your sales force with relevant real-time data like warehouse information, shipping status, etc.

Advanced Activity Management and Issue Tracking

Coordinate workflow in large projects, track and monitor all project-related incidents and activities, group and structure your activities with activity trackers, stay in control with advanced time-tracking and real-time reports.

We customize and enhance OpenCRX for your specific healthcare solution requirements.



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AptClaims – Claims Handling for the Healthcare Insurance Industry



“What used to take months and sometimes years or even decades often should have taken minutes.”

For the insurance consumers, the benefits of an insurance contract are realized only on event of claims. Surprisingly, in the space of software solutions, claims management has not yet attained its due prominence.

Our Comprehensive practice automation for claims management services are designed to check eligibility, Speed claim processing and shorten revenue cycles. By combining the power of cutting edge technology with the knowledge of experienced professionals, our solution dramatically improves the cash flow and manageability of insurance offices.

Using Online Claim Management your documents will become much cheaper to store, search for, circulate, faster, and much easier to process. It will also protect them from accidental destruction and loss. Significantly, the system will add value to your organization bottom-line by substantially reducing processing cost and top-line by adding intelligence to your services.

The Solution Components

AptClaims fully automates the bulk of the tedious, error prone process associated with claims handling. From claims data capture through all stages of case management, the system co-

Stipulation of Insured's obligation – A list of all documents to be furnished by the claimant is generated from a



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ordinates and manages the various parties in the claims process and enables claims personnel to access consolidated customer, policy and involved-party information and documentation in real time, whether claims intake is conducted via web, mail, fax or telephone. By providing access to this data via secure internet portals, the system fulfils self-service needs and provides claimants, loss adjusters and third parties with the ability to submit claims, complete forms and monitor the progress of claims online.

AptClaims Solution has the following modules.

- √ *Claims Intimation*
- √ *Claims Processing*
- √ *Claims Settlement*
- √ *Claims Exception Handling*

Claims Intimation

Claims may be submitted online through multiple channels including WEB, Phones and personal reporting. The Claims Intimation module enables the following processes:

Policy Cover Verification - After a Claim has been intimated, the Claims officer searches the database for associated documents maintained in Customer Profile and Policy Documents to verify the authenticity of the claim and opens a folder with an initial compound document.

Acknowledgement of the Intimation – On authentication, a send “Notification” is initiated to acknowledge the claimants intimation, through email notification or letter or agent call back.

Tentative Claims value Provisioning –

Attributes for the authentic Claims category contain a tentative claims provisioning field. Notifications are sent to appropriate authorities, both internal and external, and value is entered based on their inputs. Appropriate history and supporting documents are maintained.

global list as per the class of the policy. This list is maintained in a required documents sub-folder. A workflow is triggered to send the required documents list as a Notification to the claimant and is over when all documents, marked as required, are received in the system. The status attribute in document item shows whether the exact document has been furnished. The master compound document version gets updated to reflect these upload. The document management system maintains these documents.

Claims Processing

When the prima facie liability is not disputed at the Claims intimation level, the systems takes the insurers to the processing phase where a set of workflows are initiated for establishing / contesting the proof of loss as well as the quantum of loss. The process seeking proof of loss also aims at identifying Liability of the insurer or absence thereof, facts pertaining to proof of loss, cause of loss, liability of the insurer etc. A complex chain of workflows gets initiated involving publication, revision and collation of corroboratory documents arising out of the following sources.

- *Documents to be furnished by the insured establishing his claim. This will engage the insurance and the insured in the workflow, stipulation and waivers being managed by the insurer.*
- *Facts collected by appointment and engagement of third party agencies.*



PHI initiatives at APTSOURCE

Aptsource is in the process of developing a framework based on IEEE P2407 Standard for Personalized Health Informatics (PHI)

The solution framework enables software agents to run at data providers. These agents will be used to upload data from providers to a centralized repository in a common format. The framework can be used to build a system that will essentially be an inversion of the current approach to medical records, in that the record resides with the patients and the patients grant permissions to institutions, clinicians, researchers, and other users of medical information. It will be a distributed, web-based, personally controlled electronic medical record system that is ubiquitously accessible to the nomadic user, built to public standards, and based on opensource tools and technologies.

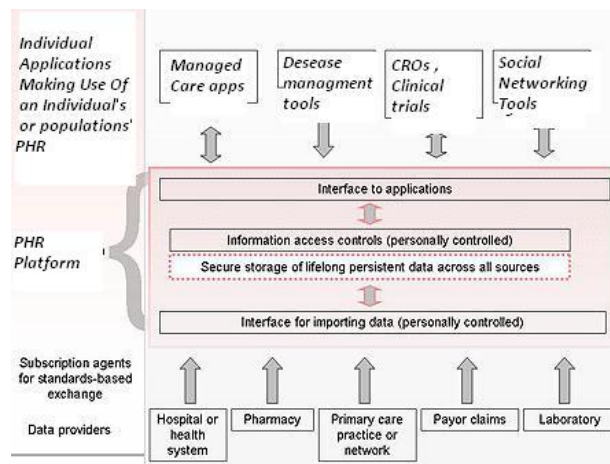
We put forth principles to guide development of patient controlled records as below:

Consumers are managing bank accounts, investments, and purchases on line, and many turn to the web for gathering information about medical conditions; they will expect this level of control to be extended to online medical portfolios.

Record systems should be able to accept data (historical, radiological, laboratory, etc) from multiple sources including physician's offices, hospital computer systems, laboratories, and patients' personal computers

Giving patients control over permissions to view their record (as well as creation, collation, annotation, modification, dissemination, and use) is key to ensuring patients' access to their own medical information while protecting their privacy

The PHR platform has established an approach that balances security, flexibility, and standards compliance. A diagrammatic representation of the solution boundaries and approach as below.





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Allied Services :

We are mandated to offer technology-enabling services for software-intensive large, business-critical integration projects.

The offerings therefore include solution conceptualizing, IT architecture, application development & migration and integration.

In the category of Claims Management our core competence are Workflow definition with Business Processes Mapping, customized Document Management and Maintenance, EDI with other third party applications through customized adapters

To Assist Healthcare institutions in need for an SOA compliant Open Architecture (J2EE) Web based ready Financial Accounting package that would facilitate a rapid integration of the financial data across the enterprise we have a product to offer ready with the GL module and customizable AP and AR

Any other Web Portal development service

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