

Why pharmaSOL?

pharmaSOL is a leading provider of innovative technology solutions and expert consulting services for the life sciences industry. Providing high quality capabilities to our pharmaceutical, biotechnology, CRO and regulatory partners for over 12 years, we are committed to delivering efficient and practical end-to-end solutions that allow our clients to focus more successfully on their core business needs.

Representative of that philosophy is our proprietary rapidLIVE solution (for both hosted and onsite installations) that allows clients to cost-effectively implement leading commercial life science systems, including Oracle's Health Sciences suite, in a fraction of the time – enabling them to be in production much sooner.

Our Proprietary rapidLIVE System Implementation Approach

- A ready-to-use, pre-configured and validated solution
- Available for leading commercial life science systems
- With low fixed-cost pricing, go-live in less than 2 months
- Flexible licensing options
- Onsite, hosted or SaaS (including Conversion option)

System Outsourcing Opportunities

- Software as a Service
- Secure and state-of-the-art hosting facilities
- Cost effective licensing, including for Oracle's Health Sciences application suite
- Business process outsourcing, including study set-up and custom development

Service Oriented, Client Focused

- Service provider to the life sciences industry for over 10 years
- Proven track record of 200+ successful projects
- All-encompassing capabilities including training, consulting and validation services
- A strong comprehension of customer needs, concerns and priorities

Why pharmaSOL? (cont'd)

Innovative & Practical Tools to Optimize Business Processes

- **psiLearn** – Complete eLearning suite with learning assessment and tracking
- **psiReports** – Fully integrated EDC reporting dashboard
- **psiUploads** – Secure file management for study and subject documents
- **psiGuidelines** – Secure management for study related documents
- **psiMessages** – Email alerts from your EDC solution
- **psiSCAN** – Facilitating data entry from scanned CRF images to support outsourced entry
- **supPSI** – EDC site support system
- **psiXchange** – File exchange in a highly secure and controlled manner

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pharmaSOL Applications

An innovative, value-added
suite of tools to enhance your
business processes



Why pharmaSOL Applications?

Our innovative solutions experts, with their extensive technical and industry experience, have developed a value-added suite of tools to complement the usage of existing Life Sciences systems, while improving efficiency and enhancing productivity:

- **psiReports** – A fully integrated EDC reporting dashboard
- **psiGuidelines** – Secure management for study-related documents
- **psiUploads** – Secure file management for CRF and subject-specific documents
- **psiMessages** – Email alerts from your EDC solution
- **psiXchange** – File exchange in a highly secure and controlled manner

Ask for a demonstration today!

psiReports

Electronic Data Capture (EDC) systems can shorten time to study lock, but to support this, many EDC users need real-time access to reports to provide a complete and accurate study overview. You have probably developed several queries, reports or listings that help you speed-up data cleaning and improve planning. However, that information is useless if you can't access it in a timely manner. **psiReports** lets you do just that: access data and information in real-time since the information is accessible directly from within your EDC system.

Key psiReports Features:

- Reports directly accessible from within your EDC system via a user friendly and intuitive interface
- Includes a subset of already-programmed, useful standard reports created by pharmaSOL experts
- New reports can be created and integrated into the system through a controlled development workflow
- Reports can be delivered in HTML, XML or MS Excel format
- User access to reports controlled via study or user roles

psiGuidelines and psiUploads

These applications are secure, efficient, lightweight file management add-ons fully integrated with your EDC system.

psiGuidelines provides secure deployment of CRF Guidelines and other key study documents so that site users can have access to the information in real-time and via a centralized access point.

psiUploads delivers additional functionality to allow for secure up/down load of subject files such as ECGs, X-rays, etc. These are attached to the subject CRF and are stored securely in the database.

Key Features:

- An efficient and integrated method to manage all study and subject documents
- All files stored within the database and available in real-time to other eligible users
- Study documents can all be accessed and downloaded by site users and CRAs from the "links" area
- Quick upload & viewing of subject-related attachments from within the relevant CRF page
- Robust administrative and security features allow for customized usage and file extraction options

psiMessages

As study timelines shrink due to the advantages of using EDC systems, it is becoming increasingly important to recognize and respond to certain types of entered data immediately.

psiMessages sends an e-mail notification regarding an important event as soon as the EDC CRF page is saved and a triggering event is encountered. The ability to notify interested parties early in the process can help ensure timely processing of safety data (adverse events), drug usage tracking, patient withdrawals, etc.

Key psiMessages Features:

- Define the triggering events via a user friendly interface
- Default messages can be customized for each study, message, and/or event type
- E-mail notifications can be sent to both EDC and non-EDC users depending on message type
- Different messages can be sent depending on whether the triggering event is new or an update
- Fully audited

psiXchange

Communication of certain critical study information to sites or subjects can be tedious to coordinate, manage, and track.

psiXchange is a standalone application which automatically manages and tracks the distribution of files and documents in a highly secure and controlled manner – from source access to distribution to acknowledgment of receipt.

Key psiXchange Features:

- Dynamic interface captures key metadata information for source, destination, and file/document types
- Customizable distribution rules automatically determine the appropriate receiver(s) and distribute the file in the defined manner
- Distribution can be via fax, e-mail, a secure (and temporary) download URL, or a browsing interface
- Full audit trail of the entire distribution flow, including optional receiver acknowledgments