



To meet the challenge of integrating and securing large quantities of diverse healthcare data from a variety of applications and data sources, PERSEID Software Ltd. has developed a versatile solution — The PHI Repository™ — that can help dramatically increase productivity of legacy healthcare applications by integrating standard transactions and data with an enterprise repository that is driven by a vocabulary of terms for administration, finance and clinical reporting that your organization can develop, enhance, immediately use and share with partners and others.

[The Protected Health Information Repository](#)

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Key capabilities of PHI Repository

- Allows you to enter and track protected health information and contracts to comply with HIPAA security and privacy standards
- Provides a single database for use in merging data from legacy systems
- Uses a vocabulary that you develop to define new, secure administrative, financial and clinical information customized for your enterprise
- Adds new data fields into a comprehensive repository dynamically and keeps the data for immediate use
- Does not require a DBA to extend the vocabulary or new fields
- Runs on multiple servers and a variety of operating systems

[PHI Repository Brochure](#)

[PHI Repository Background](#)

[PHI Repository Presentation](#)

[Future of Healthcare White Paper](#)

[Macroeconomics in Biotechnology & Pharma](#)

[Microsoft SQL Server](#)

[DB2 Universal Database - Product Overview - IBM Software](#)

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- Workstation based on Microsoft Office® for ease-of-use and reporting

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Key benefits of PHI Repository

- Your legacy systems gain value and additional life
- Your data becomes available under HIPAA for access by patients
- Your systems integrator can extend the integration of your data and applications easily using a standard data architecture
- Increases application development productivity and efficiency
- Gives you an immediate data warehouse capability; eliminates the need design and build your own data warehouse
- Enables collaborative data sharing among partners and other enterprises

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PHI Repository Components

The PHI Repository is composed of:

- A workstation based on Microsoft Office Access that is used to develop reports and forms—or complete applications using the Repository Database. It includes standard forms and reports to get you started in reporting or application development
- The Vocabulary Builder for creating clinical, financial or administrative terms for your enterprise. These terms may support any business activity that relates to people, contracts, claims, services or treatment. An analyst can define a new term, a programmer is not required.
- The Repository Database Engine which is a relational data warehouse for standard transactions, e.g., HIPAA and enterprise data that is vocabulary-driven.
- Terms Database which is a base of more than 3,000 healthcare terms that can be added to the vocabulary. These serve as example terms for the Vocabulary Builder.
- Systems integration Toolkit—Extensive, computer-generated descriptions of the relational database and the full Microsoft Access workstation for jump-starting systems integration efforts associated with legacy systems or new application development.

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Proven technology

- The PHI Repository and its associated reporting and development tools have been developed by experts in database technology; healthcare data, reporting and analytics with more than 30 years experience.
- The product is based on industrial strength technology and is

- designed to scale from Microsoft SQL Server® to IBM DB2.
- The product is written entirely in standard SQL, Microsoft Access® and can operate on Intel servers through IBM mainframes.
 - A JAVA workstation is planned for 2003 for those that do not want the extreme security of a desktop full installation of MS Access and Office.

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PHI Repository Presentations

The following presentation and documents are available to review:

- [The Brochure on the PHI Repository](#)
- [PHI Repository Background](#)
- [PHI Repository Presentation](#)

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