FreeSoft
Liberate your Legacy

- Legacy Modernization
- Service Oriented Architecture
- Analyzer
- Parser
- Automated Converters
- Application Portfolio Management

Consolidate your Legacy Systems on Open Source platform

Your business processes are srategic assets of your company. These assets are locked up in expensive proprietary systems and application environments which are difficult to integrate into a modern, Open System Architecture. Protecting these assets while freeing them to evolve with innovations in information technology should be a key goal of every CIO.

Liberate your Legacy

Modernization is the way to take advantage of new open technologies while protecting your investment in legacy applications and unlocking the potential of legacy business functions and data. Modernization lowers costs and positions your company to better take advantage of new technologies in support of new business requirements.

Modernization key features

- **Reduced TCO and shorter ROI**
- **Pay-as-you-go pricing model**
- **Based on open standards**
- **Java EE 5 architecture**
- **Enable SOA and web services**
- **Architecture driven methodology**
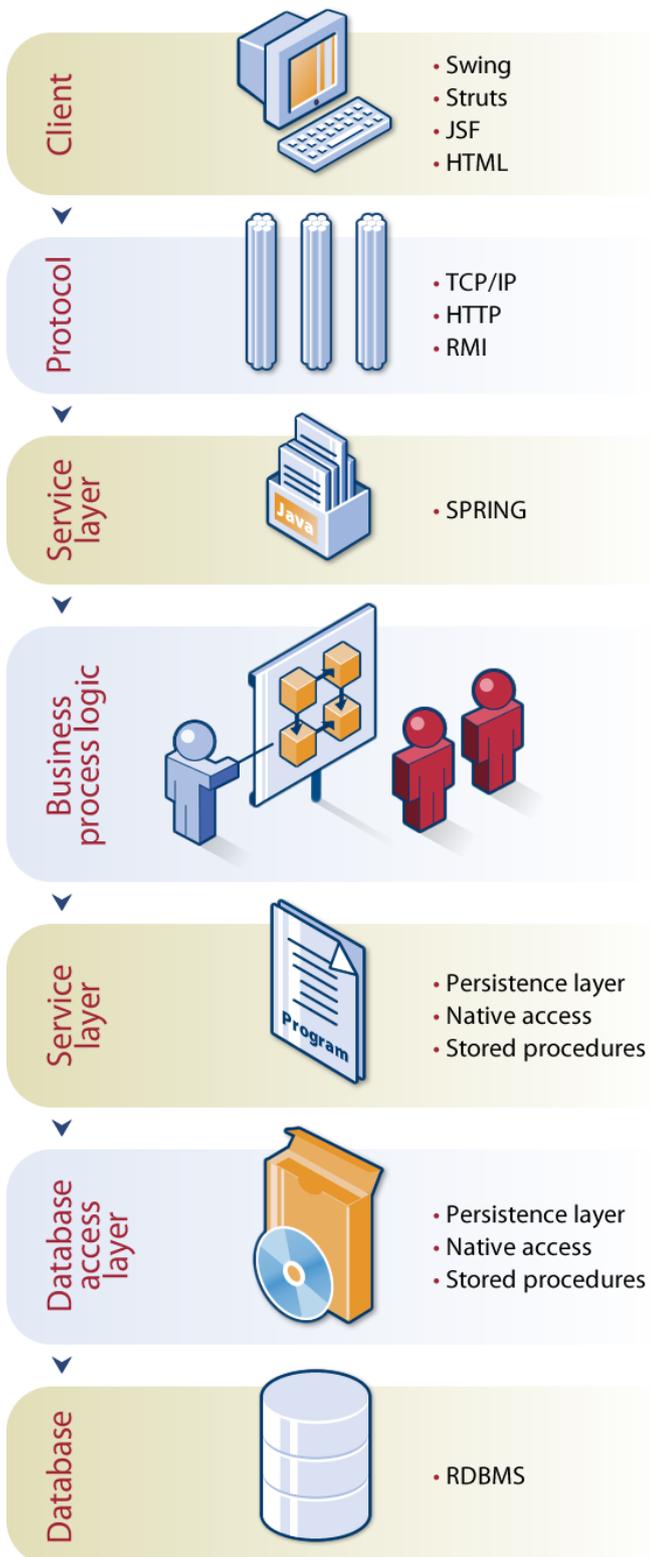- **High level of automation**
- **Risk mitigation**

FreeSoft utilizes unique tools and provides modernization services:

- *Portfolio Liberator™*, our APM tool
- *Knowledge Liberator™* to capture the design or current state of the application. With *Knowledge Liberator™* all information about the current application are loaded into our parsing technology
- *Data Liberator™* is a set of tools that use metadata created by the *Knowledge Liberator™* and creates mappings between original data models to relational database schemas. It converts and loads legacy data to RDBMS as well
- *Code Liberator™* uses metadata created by *Knowledge Liberator™* to transform programs written in 3rd and 4th generation programming languages into new applications using the Java EE 5 architecture
- *Data Propagator™* provides bi-directional data replication between any RDBMS systems in order to enable step-by-step transition in to the new environment and to ensure a fallback option during the modernization project
- We cover the entire project life-cycle: Planning, Implementation, Testing, Training, Project Management

FreeSoft's automated services include amongst others the migration of the following environments, databases and related legacy programs to Open System architecture:

Non Relational Databases:	Relational Databases:		TP Monitor Systems:	Programing Languages:
ADABAS	DB2	RDB	CICS	COBOL, RPG
IMS/DB	Informix	Ingres	IMS/DC	Natural
VSAM/ISAM/QSAM	Oracle	MS Access		Informix 4GL
	Sybase	MSSQLServer		Ingres 4GL

Open System architecture:

Client	• Swing • Struts • JSF • HTML
Protocol	• TCP/IP • HTTP • RMI
Service layer	• SPRING
Business process logic	
Service layer	• Persistence layer • Native access • Stored procedures
Database access layer	• Persistence layer • Native access • Stored procedures
Database	• RDBMS

A flexible, multi-tier, state-of-the-art architecture not only reduces the maintenance costs but increases the level of flexibility of your business as well.

FreeSoft's *Liberator Workbench™* provides the following:

- **Parsing of legacy data store schemas and data definitions and generation of RDBMS DDL**
- **Creation of scripts to unload legacy databases or file systems and load the target database using loader programs**
- **Generation of a Java persistence layer to map data objects to the relational database**
- **Automated code conversion**

FreeSoft's automated approach to migration quickly and inexpensively transforms legacy applications to a new enviroment and architecture while maintaining the data and the functionality of the original system. FreeSoft's approach is based on repeatable processes that reduce project risk and prevent mistakes caused by manual procedures.

Why the FreeSoft solution?

- **Fully independent with no proprietary elements in the target architecture**
- **No vendor lock in**
- **Portable technology layers**
- **Minimal legacy code freeze**
- **High level of automation**
- **Low project risk**
- **High quality and maintainable new application code**

About FreeSoft

FreeSoft has been involved in the IT modernization and legacy transformation business since 1998. FreeSoft has built up a line of conversion technologies, project methodologies and processes to understand and transform a great variety of legacy systems into a modern open IT environment and a new architecture, while ensuring the lowest risk and cost. Our legacy modernization services enable customers to transform different legacy systems running on heterogonous proprietary platforms, developed in various programming languages with data stored in legacy databases and file systems, into an Open System architecture.

FreeSoft's automated approach to modernization and migration provides a low-risk, high-quality, and relatively inexpensive method for modernizing existing applications to a new standards-based environment. A FreeSoft representative will be pleased to discuss how your project can benefit from the use of our automated methodology.