

## Re-Engineering with Net Express and Delphi

Softima played a major part in Misys's initiative to refresh our entire product line. The high quality technical and project management resources provided (by Softima) allowed us to deliver a quality product on time and within budget...

**Tom Skelton, CEO, Misys Healthcare Systems, Inc., USA.**

### The Client

The Client is a part of the Group of Companies – the United Kingdom's largest independent applications software products company that provides information systems that serve the Health Care, Banking and Insurance Markets. Client's products have been supplied to over 1,200 Hospitals, 85,000 Physicians and 600 Home Care Providers with Clinical Department, Practice Management, E-Commerce and Home Health Solutions.

### The Challenge

To Re-Engineer Character Based Applications into user friendly applications utilising latest technologies. To design and develop Graphical User Interface (GUI) retaining the existing business logic and data.

### Scope of the Project

- To Provide Graphical User Interface (GUI)
- Re-Engineer Character Based Application with Latest Technologies
- Retain the Existing Business Logic and Data

### Project Approach

- Requirement Analysis
- Functional and Technical Design
- Coding and Development
- Quality Assurance Testing

### Project Team

- On-Site Project Manager
- Off-Shore Development Team

### The Solution

#### For Small Health Care Units (25-50 Users)

Net Express (RAD) tool was used with Thin Client Interface at Windows Work Station and Server Express in AIX RS 6000 for Re-Engineering Character Based Application to Object Oriented Application with GUI. Softima has also developed Object Class, Common Code Copy Books and Templates.

#### For Large Health Care Units (Above 50 Users)

Delphi (RAD) tool was used with Thick Client Interface at Windows Work Station and Informix Database in AIX RS 6000 for Re-Engineering Character Based Application to Object Oriented Application with GUI, Where IConnect acts as bridge between GUI and Informix database. Softima has developed Base Class and different reusable code components. Java Beans were written for back ground processes and called using RMI. Softima has also developed custom components for GUI using Delphi VCL and Inpower 2000.

### Benefits

- Effective Graphical User Interface (GUI)
- Retained Business Logic
- Reusable Code Components
- Faster Identification and Generation of Components

### Domain

- Health Care

### Technology

- Net Express and Delphi

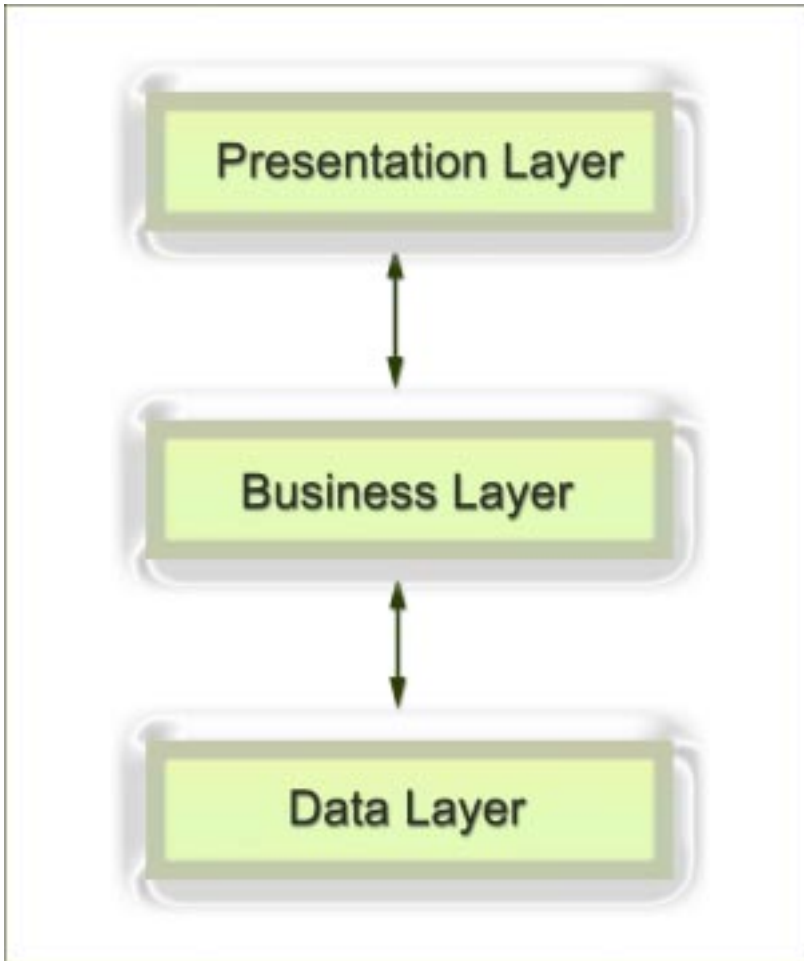
### Project Type

- Re-Engineering

**Softima's**  
Software  
Solutions  
for  
Health Care  
Industry

Re-Engineering with Net Express and Delphi

Re-Engineered Application with Three-Tier Architecture



Re-Engineered application with Three-Tier Architecture consists of three layers Graphical User Interface (Presentation Layer), Business Logic (Business Layer) and Data (Data Layer).

Softima Offerings

- On-Site Consultancy
- Off-Site Consultancy
- Off-Shore Consultancy
- Project Management
- Contract Programming

Solutions

- B2B/EAI Integration
- IT-Enabled Solutions
- Re-Engineering
- Porting and Migration
- Internet/Intranet Applications
- e-Business
- Client/Server Applications
- Legacy Applications
- Quality Assurance Testing

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