

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 utilizing 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

- Onsite Project Manager
- Offshore 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 Info power 2000.

Benefits to Clients

- 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

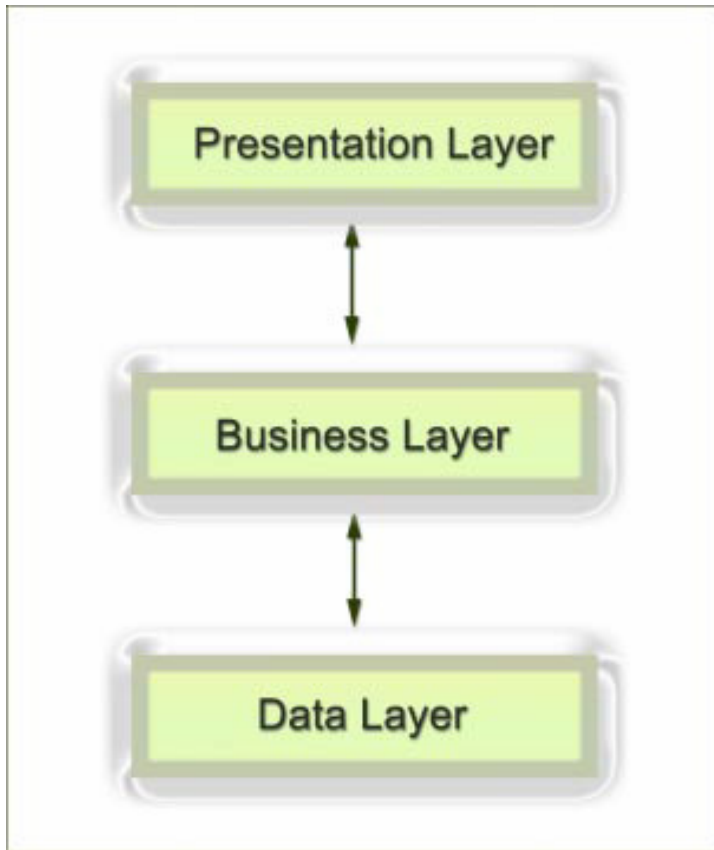
Project Type

- 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

- Onsite Consultancy
- Offsite Consultancy
- Offshore 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

Softima

Softima, Inc.
 12200 Ford Rd, Suite 355
 Dallas, TX 75234
 Phone: (972) 484-4574,
 Fax: (972) 692 8057
<http://www.softima.com/>

India Softima Services Pvt. Ltd.,
 # 400, Road No. 22/A, Jubilee Hills,
 Hyderabad - 500 033, AP. India
 Phone: +91-40-2355 7795
 Fax: +91-40-2355 7796
<http://www.indiasoftima.com/>

Softima (S) Pvt. Ltd.,
 17 Phillip Street
 #05-02 Grand Building
 Singapore 048695
 Phone: (65) 6538 7777
<http://singapore.softima.com>

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 Software
 Solutions
 for
 Health Care
 Industry