Case Study

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SoftPath Technologies

Providing Easy Access to Services with Greater Data Protection for Healthcare Users in US.

A Fact Sheet on SoftPath Technologies' Enterprise Service Bus Solution

Fact Sheet

About the Client

Company
A Government organization in USA

Industry
Healthcare

Business Unit
A Public Health Services Unit

Desired Objectives

- Evaluation of the department's current security environment.
- Safeguard information, ensure confidentiality and integrity.
- Provide information access to various departments of Enterprise-wide information security system.
- Secure the environment against sophisticated security threats.
- Ensure a system that provides, improves and protects the health, well-being and self-reliance of the state citizens.

Challenges

- Department consists of 167 separate IT systems and applications that includes health facility licensing, Case management, account receivable system, laboratory management system.
- Many systems required redesign and replacement to integrate into the new business requirements
- The new system should adhere to HIPPA, IRS Publication 1075 (security), Federal Information Security Management Act (FISMA) and National Institute of Standards and Technology (NIST) security and guidelines.
- Several systems having reached end-of-life and were set to be replaced by 2019.

Implementation Challenges

- Enhance the integration of services for clients to utilize more than one system.
- Enhance the quality, reliability, and security of information used to manage the Department's projects and provide advantage to clients.
- Security constraints on sharing information with SoftPath's team.
- Improve the value and lower the risk of the Department's investment in information technology by providing components that can be shared and reused by numerous systems within a well-known framework.

SoftPath's Approach

- Integrated Technologies/Applications with Oracle ESB.
- Implemented Service Oriented Architecture (SOA) to transfer data seamlessly between different Technologies/Applications.
- Protocol conversions like SOAP, FTP etc were supported .
- Systems' design and implementation followed the Medicaid Information Technology Architecture (MITA) principles.
- Supported rollback of committed services, rule based, process-driven and atomic transactions.
- Supports Encryption, Decryption and Digital Signature.
- New systems' interfaces and GIS systems were used for geo-tagging of data.
- The portfolio of IT projects was managed based on PMI's "Standard for Portfolio Management" guide.

Achievements

- New system provide citizens, easy access to services and their data.
- Easy-to-use IT infrastructure is provided through Oracle ESB.

- Improved executive and employee satisfaction levels.
- Enhanced citizens' data protection.

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