

wmHIPAA QA

The Client

Client is webMethods, a leading Business Integration company and client has got a rich history of providing integration tools with Innovative break through technologies. webMethods integration solutions are powered with cutting edge technologies like Web services and Enterprise Services-Oriented Architecture. webMethods has chosen Softima to broaden their integration potential to healthcare segment.

The Challenge

As part of extending the integration solutions Healthcare segment webMethods developed the initial transactions like

- 820 Payroll Deducted and Group Premium Payment
- 834 Benefit Enrollment and Maintenance
- 837 Health Care Claim: Professional
- 835 Health Care Claim Payment/Advice

Softima has tested these transactions for HIPAA compliance.

Scope of the Project

To test the health care transactions keeping main focus on following types of testing recommended by WEDI SNIP

- Type 1 – Integrity testing
- Type 2 – Requirement testing
- Type 3 – Balancing testing
- Type 4 – Situational testing
- Type 5 – External code set testing

Project Approach Project Team

- webMethods' Team
- Softima's Team

The Solution

Softima developed an automated testing tool for Healthcare HIPAA compliance testing. With the help of tester Softima tested the healthcare transactions product, which is developed as part of joint development venture with webMethods.

Tester tool helped to reduce the development life cycle time and to test the product extensively to cover all possible scenarios.

Softima has developed a test case generation tool, which generates the all-possible test cases for given business scenario in a EDI base file. This tool supports the generation of test cases for all HIPAA HealthCare transactions.

Test case generator helped to reduces time to generate the test cases to cover all scenarios recommended by WEDI

Benefits to Clients

- Easy Transaction Tracking and Logging
- Speed and Secure Transactions
- Rapid Integration of All Systems in the Group

Domain

- Health Care

Technology

- webMethods Enterprise Server
- webMethods Integration Server
- Adapters

Project Type

- Integration

Softima

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