

Case Study



HIPAA 5010 Impact Analysis

for a California-based Medicaid and Medicare Plan

Abstract:

A multi-state, managed care organization participating in Medicare and Medicaid plans, partnered with Infosys for HIPAA 5010 impact assessment of its process and application landscape. Infosys performed an impact assessment of the enterprise consisting of tens of thousands of source code files and provided a comprehensive assessment report and remediation recommendations in 7 weeks using the iTransform™ product suite, saving the client 70% cost vis-à-vis manual assessment.

The Client

A multi-state managed care organization participating in government-sponsored healthcare programs; the client delivers healthcare services to persons eligible for Medicaid, Medicare and other programs for low-income families and individuals through a network of primary care clinics.

Business Need

All HIPAA covered entities need to comply with the legislation that has mandated the adoption of HIPAA 5010 transaction standards for EDI in healthcare. In addition to being the platform to support ICD-10 codes, HIPAA 5010 is expected to increase the adoption rate of EDI in healthcare and reduce the necessity of partner specific companion guides by increased standardization. As a first step, the customer engaged Infosys to assess the impact of the change to all its systems, applications, reports, interfaces and associated business processes.

Scale

The client operates in different states via 10 health plans and has 10 environments of core processing systems to meet the specific requirements of each plan.

- Tens of thousands of stored procedures in nearly 80 databases
- Hundreds of interfaces and reports
- Hundreds of web applications on Microsoft platform

Nearly thirty integration applications on Microsoft platform

Analyzing the impact of nearly 1,000 changes in HIPAA 5010 on such a big code inventory was a significant challenge. Lack of system/process documentation added to the problem.

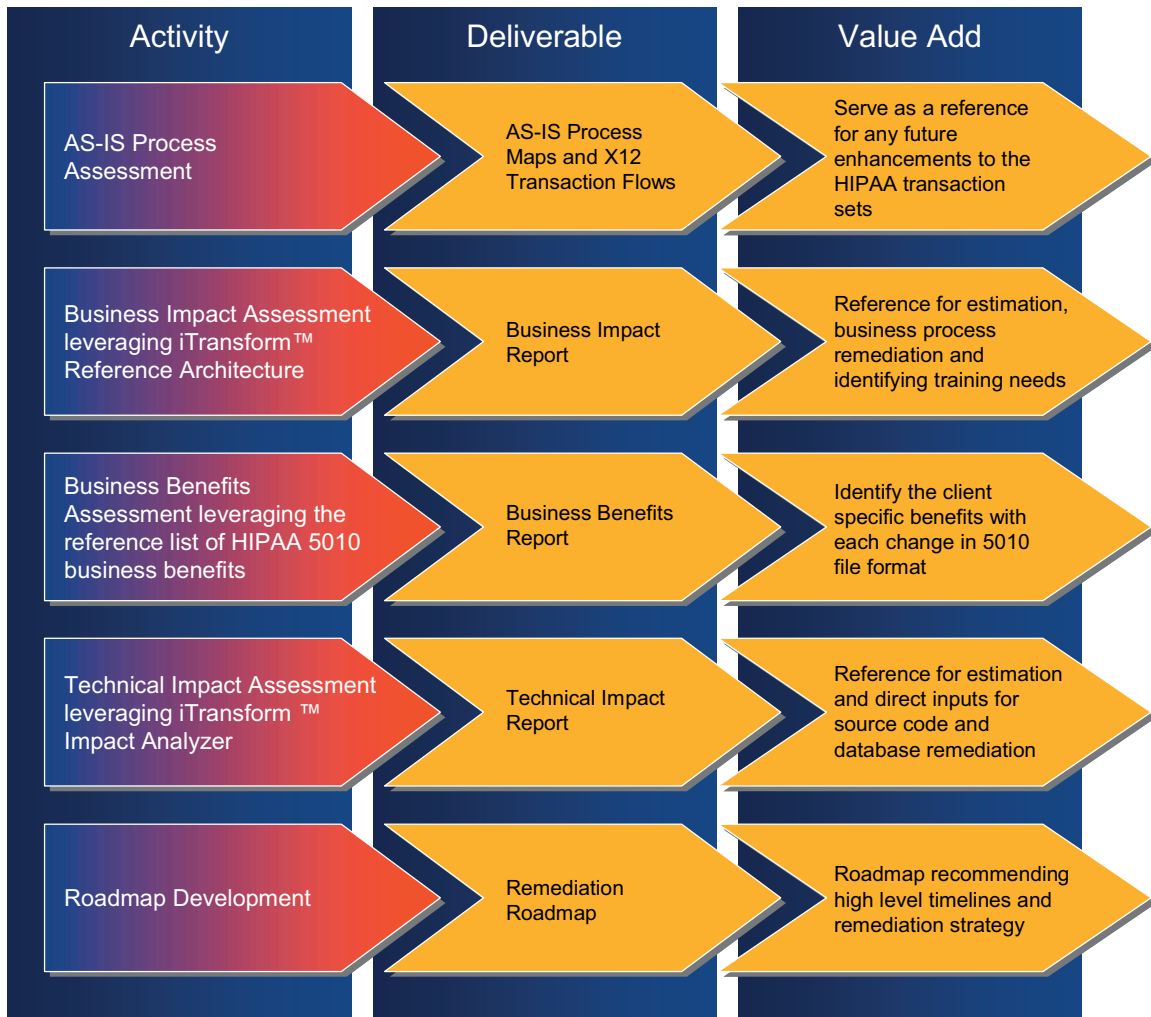
Infosys's Role

The client engaged Infosys to leverage their iTransform™ product suite to perform business and technical impact assessments, and produce a remediation roadmap for client.

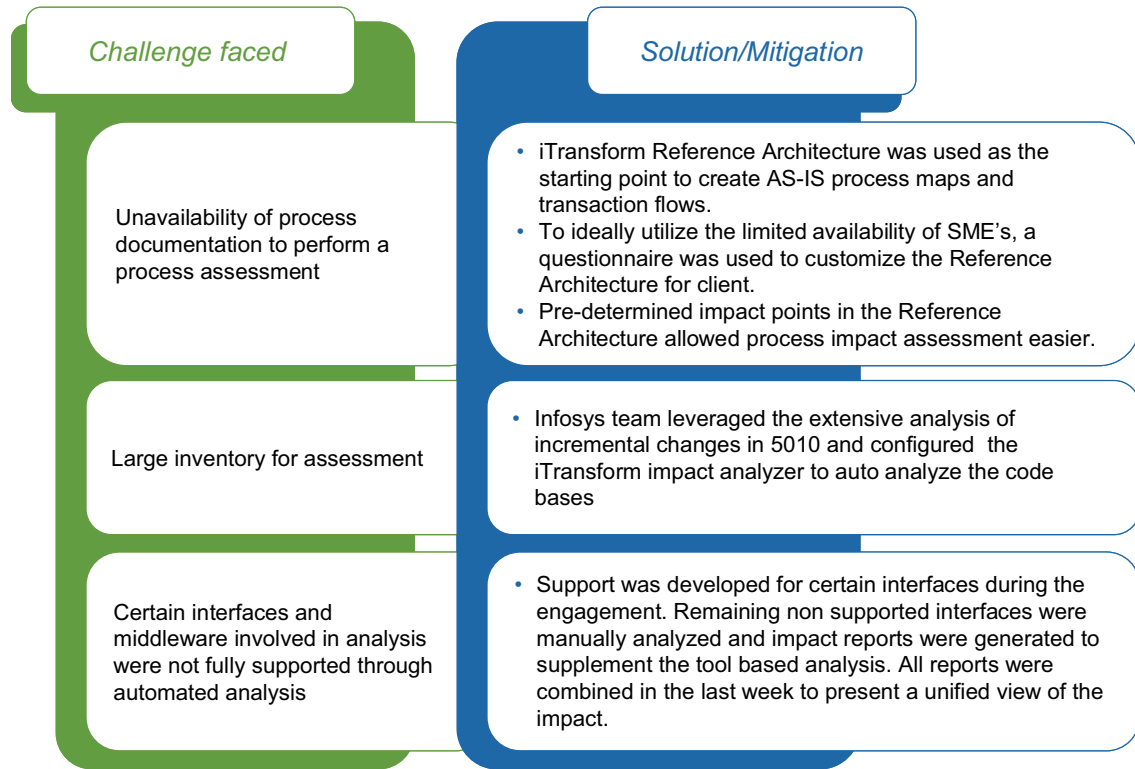
The client chose Infosys to assist it in its 5010 impact analysis phase because:

- Infosys' deep-rooted domain experience
- iTransform™ product suite components to accelerate the impact assessment
- Infosys' experience with client application landscape

Infosys successfully completed the engagement in 7 weeks, at 70% lower cost vis-à-vis manual assessment to create the following deliverables:



Challenges



Key Value Delivered

- Assessment and recommendations completed in 7 weeks
- More than 105,000 impact points were identified on the front end/EDI systems. The number of impact points in interfaces and reports in the backend were upwards of 85,000 (excluding the core processing apps).
- 70% cost savings vis-à-vis manual assessment
- Delivered documentation on existing processes and transaction flows
- Reports addressing both business and technical impacts of HIPAA 5010
- Comprehensive and accurate impact reports generated by tools at code level
- Realizable business benefits report covering impacted work flows
- Remediation roadmap for HIPAA 5010 transition

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