

Healthcare ISV Adapts to New Standards: ICD-9 to ICD-10 Coding System

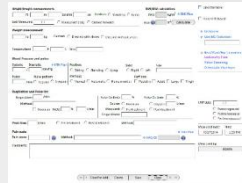
The client is a leading provider of health information technologies focused on ambulatory, inpatient and revenue cycle management solutions.

In order to meet the new regulatory changes in compliance with ICD-10 coding systems, the client wanted to enhance one of its key modules (Knowledge Base Module – KBM) in the ambulatory solution. This module has to be ported from the ICD-9 coding system to the ICD-10 coding system.

OFS helped the client re-engineer the platform to ICD-10 compliance and helped users easily aggregate clinical data to help them get actionable insights.

Business Benefits:

- OFS helped the client re-engineer the platform on time to accommodate new technologies and procedures for providing quality solutions for patient care.
- Migration to ICD-10 compliance increased end user satisfaction through accurately classifying injuries and correlating them with cause, treatment, and outcome.



Key Highlights

- Enhanced the application from ICD-9 to ICD-10 compliance by eliminating the hard-coded diagnosis codes in the system and replacing them with variables.
- The Common Diagnosis Framework templates were constructed to migrate the specialty templates, which were hard-coded to user configurable templates for easy migration when future ICD codes are added globally.
- Worked on constructing new templates for primary care and gastroenterology (GI)-specific clients
- Provided effective maintenance support to enhance the EHR application by working on potential patient safety defects involved in protecting patient healthcare information
- Added customized features on KBM module for several customers

Technologies

- .NET 4.5, C#, Visual Studio 2008, SQL Server 2012, KBM Template Editor