



senryo

THE THOUGHT BEHIND THE SOLUTION

Case Study: Management Consulting

How a Government Organization Identified the Optimal Migration Strategy From Its Legacy Technologies

Organization

A government organization that administers retirement/survivor and unemployment/sickness insurance benefit programs for railroad workers and their families

Solution

Created a roadmap that can be used in the migration from a legacy technology to a more mainstream Microsoft.Net environment

Challenge

Modernize a legacy technology supported by personnel that are on the brink of retirement

Benefits

Obtained visual maps that allowed a crystal-clear view of application interdependencies, as well as budgetary options and a timeline for the needed migration

The client is a government organization that administers retirement/survivor and unemployment/sickness insurance benefit programs for railroad workers and their families. These programs provide income protection during old age and in the event of disability, death, or temporary unemployment and sickness. The organization also administers aspects of the Medicare program and has administrative responsibilities under the Social Security Act and the Internal Revenue Code.

Challenges

The organization's custom applications were written in COBOL and housed on IBM mainframe servers. This legacy technology is supported by personnel that are on the brink of retirement. With the impending loss of that specialized human capital, the organization was at a substantial risk of disrupting its core operational processes. Since the organization had a massive portfolio of codes, the transition to newer technology will not be a trivial undertaking.

Solution

Senryo Technologies conducted in-depth interviews with all stakeholders to assess the current state of hundreds of mainframe-based applications. The assessment shed some light on the client's viable alternatives to modernize their codes, the cost it would take, the resources required, and the management it would need. The Senryo team identified the tools and technologies that could be used to perform non-core functions and would allow the client to focus on its core competency—calculating and administering the benefits programs for railroad employees and retirees.

A detailed roadmap was the result of the assessment, which can be used to transition from the mainframe system to a Microsoft.Net environment.

Benefits



Documented inventory and the use of the application portfolio and supporting infrastructure



Obtained maps of high-level business processes complete with interfaces, interactions, and visibility to areas that lack integration and create redundancies



Assured stakeholder participation and buy-in to the details of existing processes and opportunities for improvements



Obtained a roadmap for the mainframe migration to .Net platform



Identified migration application alternatives, complete with tools and conversion strategies



Obtained a concept of Operations (CONOPS) document and visual maps that allowed a crystal-clear view of application interdependencies, usage, and complexity



Obtained budgetary options and timelines for the needed migration



Senryo Technologies, an industry recognized solutions integrator, is committed to delivering transformational solutions that meet and exceed business-driven objectives while providing strong ROI metrics. We achieve this through a collaborative process with our customers, leveraging existing IT investments and new technologies to deliver results aligned with strategic initiatives and objectives. Our proven experience and thought leadership empower customers through better operational performance, mitigated risk, and improved governance.