



# senryo

THE THOUGHT BEHIND THE SOLUTION

Case Study: Application Development

## How a Government Organization Resolved Issues Resulting from Multiple System Platforms

### Organization

A government organization that oversees the design, construction, maintenance, and management of public infrastructures

### Solution

Implemented a single, integrated system that enabled web-based browser access

### Challenge

Module functionalities being divided into two different platforms, which increased maintenance costs and compromised user experience

### Benefits

Better user experience and reduced maintenance costs

The client is a government organization that oversees the design, construction, maintenance, and management of public ways, transit stations, streetlights, traffic signals, signs, pavement markings, and streetscapes for sustainable infrastructure design and development. They work to ensure that these infrastructures function safely and efficiently and all projects are on track.

## Challenges

The organization previously had a VB-based application with various vulnerabilities, inadequacies and security susceptibilities. As a stop-gap measure, they tried to re-develop the problematic functionalities while also attempting to add additional functionalities using APEX.

As a result, the functionalities were divided across the VB and APEX application spaces. This proved costly from a maintenance perspective, as well as cumbersome from an operational perspective as it required users to switch between applications.

## Solution

Senryo Technologies redeveloped the organization's application as a web application where all functionalities are available via APEX. A single integrated system for the entire process flow was implemented and a centralized, web-based access was enabled, allowing remote users to access the system through their browsers without the need for a special client setup.

## Benefits



Reduced complexity



Improved user experience



Created and manage front end schedules



Captured crew worksheet data using web forms



Managed vendor information



Built reports



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.