



# senryo

THE THOUGHT BEHIND THE SOLUTION

Case Study: Application Development

## How a Government Organization Integrated a Multifunctional Solution into their Platform Using a Custom App

### Organization

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

### Solution

A custom application that can perform multiple tasks and functions, such as managing alderman/ward information, work types, and funding

### Challenge

A legacy application that had several restrictions and lacked flexibility to perform multiple business functions

### Benefits

Enabled a multifunctional solution with enhanced security, centralized access, tracking, and handling capabilities for all funding types

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 was using a legacy application that had an existing Menu module running on a VB-based platform. The module handled back-office functions such as creating requests, managing alderman information, creating and managing programs, and allocating funds.

Because the application was restricted to Menu funding, it lacked the flexibility to accommodate new business requirements and handle other funding sources, such as TIF funding. The application was also incapable of tracking expenditures, budgeting, and balancing funds. Due to these issues, the application did not allow users to successfully create a “primary request” into a project, making the process flow unwieldy.

## Solution

Senryo Technologies modernized the organization’s application module by incorporating management functionalities for these business elements: alderman/ward information, work types, and funding information, allocation and allocation funding, programs and their setup, and aldermanic requests.

Apart from managing aldermanic requests, Senryo also enabled the application to create aldermanic requests and primary requests. Users can also now update engineering estimates/units and generate reports on ward level summaries for programs, projects, funds, etc.

## Benefits



Handled different funding sources for projects based on current business needs



Tracked spending and fund availability while reviewing the request for project approval



Enabled creation of primary requests into projects without complex adjustments



Centralized and enabled dynamic web-based access



Enhanced authorization and security scheme



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.