

**Miles-Plus – A Travel Costs Tool
Engagement Summary**

Business Objective

The overall business objective of this initiative was to minimize costs associated with travel for Archco's client organizations.

Tactics

- ✓ Rapid Application Development - i.e. iterative development of project to help "discover" requirements.
- ✓ Better Idea Group will process data as a service and maintain code base until the code is stable to relieve Archco IT staff from having to run "fragile" code.
- ✓ To keep costs down, will leverage MapPoint functionality for distance calculations.

Benefits to Client

Eliminate Mileage Fraud –using a standardized method for calculating mileage, risks of fraud are minimized.

Proactively managing mileage costs yielded BIG cost savings– Using this solution, Archco empowers their clients to proactively budget and forecast mileage expenses. The first client to implement this solution, **saved \$750,000** in the first year.

Enhanced image as a Solution Provider – By devising a solution for an industry wide problem, *Archco* demonstrated once again their foresight and ability to provide cost effective solution to their clients in an area that troubled their overall bottom line.

Reduced administrative effort - using this solution to calculate total mileage allows Archco's clients to cut time spent manually calculating and auditing employee routes.

Easy to manage and deploy - With a simple front end and processing steps, the learning curve is low and training is a snap.

Higher profitability - Using this product Archco's clients can more accurately bid for new projects.

Improved route scheduling – Field supervisors, armed with more knowledge of cost ramifications are able to generate better routes.

Implementation

A VB.NET (version 1.1) application that reads and writes to a SQL (or MSDE) backend and implements MapPoint using standard (Excel based) inputs and outputs.

Inputs

- ✓ Excel Spreadsheet containing Employees and team affiliation
- ✓ Excel Spreadsheet containing Stores
- ✓ Excel Spreadsheet containing Schedules

Outputs available

Exception Reports

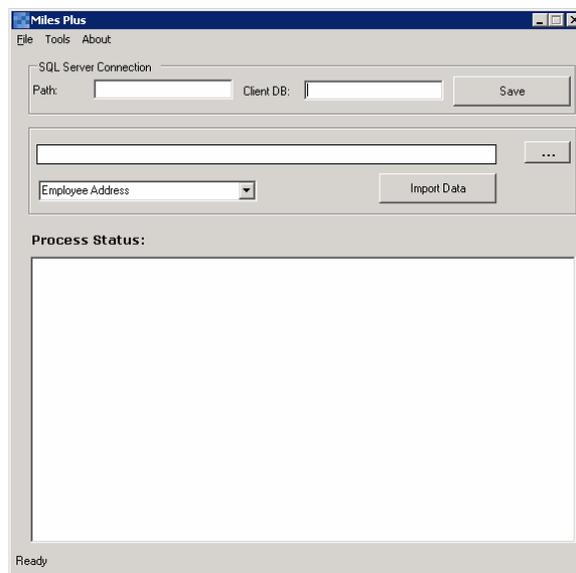
- ✓ Bad Employee Data
- ✓ Bad Store Data

Successful import reports:

- ✓ Imported Employee Listing
- ✓ Imported Store Listing

Team Compensation Report

Team Grid - a pivot-table matrix representing all possible stores an Employee can visit; based on what team/crossover team that Employee belongs to.



Miles-plus Processing Screen