



Midwest Transit Agency

Overview

Public transportation is a vital asset to many Americans today. News of poor air quality and rising gas prices have caused people to realize the benefits of utilizing this public service. Each weekday, 35 million Americans board public transportation units. These systems reduce the country's dependence on foreign oil, save gas, reduce congestion, and lessen our country's carbon footprint. As transportation companies serve more riders, organization of their fleets and routes becomes increasingly vital.

This Midwest Transit Agency provides transportation to a major metropolitan community. An Agency of this size requires a simple, streamlined way of regulating the flow of data. This Agency began with databases that were not performing and were not as reliable as they wanted. Their databases were configured on a traditional environment of storage, servers and software all purchased from different vendors, causing time and money to be spent managing these conflicting systems.

Company Challenges:

The Agency's database administrator was overwhelmed with configuring and managing these disparate systems. In order to solve this problem, Zirous implemented the ODA, which greatly reduced the time and expertise required to maintain their database environment and streamline all of their prior hardware into one single solution.

The Agency's database administrator ordered the ODA and after having it in-hand, installation and configuration only took days to complete. It's not unlikely for the typical environment of unique systems to take months to finalize and when time is money, that is a significant difference. Zirous configured the database once it was installed and had it running in the Agency's environment within the same day.

ODA Success:

The agency immediately saw an increase in performance. On their former configuration, their gross pay run took 24 minutes. With the ODA, the gross pay run took only half the time, clocking in at 12 minutes.

Technology

Stack:

- Oracle Database Appliance
- Oracle Real Application Clusters (RAC) database
- Oracle Grid Infrastructure (11.2.0.2)
- Oracle Enterprise Manager Database Control
- Oracle Automatic Service Requests
- Oracle Appliance Manager