CAD / AVL Maintenance and Support

Presented to:

Organizational, Services & Performance Monitoring Committee

December 5, 2023

Project Overview

- Vontas (Trapeze) has been our CAD/AVL provider for approximately 20 years
  - Established relationship
  - Radio Replacement Project upgraded equipment in 2019

- Service agreement guarantees
  - Software/hardware support
  - System upgrades
  - On-site vendor training
  - Timely customer support
  - Software patches

Greater Cleveland Regional Transit Authority

Project Overview

- Five (5) Year agreement

- Software and hardware service and support
  - OnRoute (TransitMaster)
    - CAD/AVL onboard vehicle computer & MDT (Operator interface)
    - Dispatch software – communications, GPS, incident management
    - Software upgrades
  - V8 IVLU onboard computer
  - MDT (Operator interface)
  - Automated Passenger Counter

Greater Cleveland Regional Transit Authority

OnRoute Software

Project Overview

- Software support
  - Vehicle Intelligence – Telematics software
    - Real-time reporting
    - Supports Predictive Maintenance
  - Device Management
    - Remote device management of IVLU (onboard computer)
    - Real-time deployment
  - Operator turn-by-turn navigation
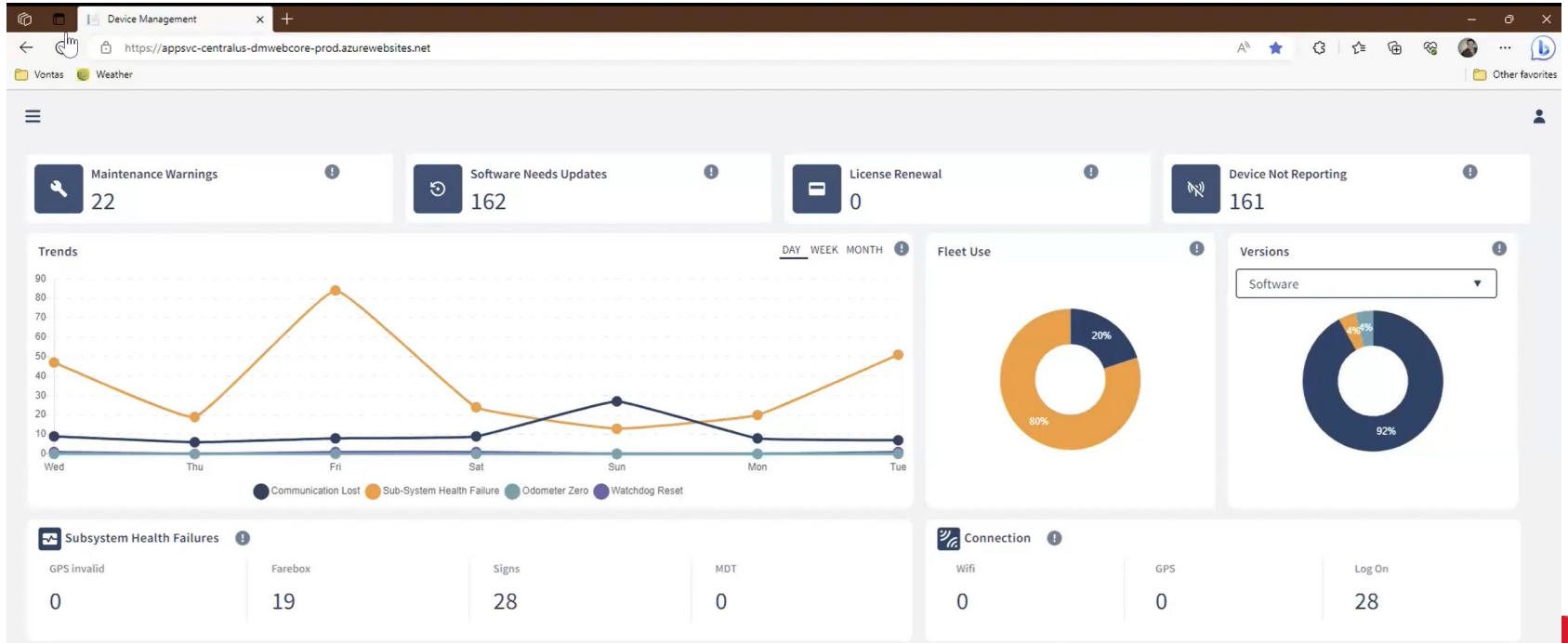 - GTFS-RT (real-time vehicle tracking available to passengers)

Greater Cleveland Regional Transit Authority

RTA

Vehicle Intelligence

Device Management

Navigation & GTFS Real Time
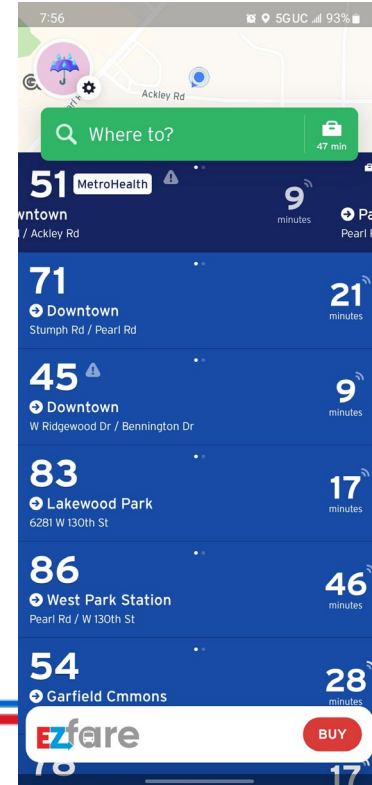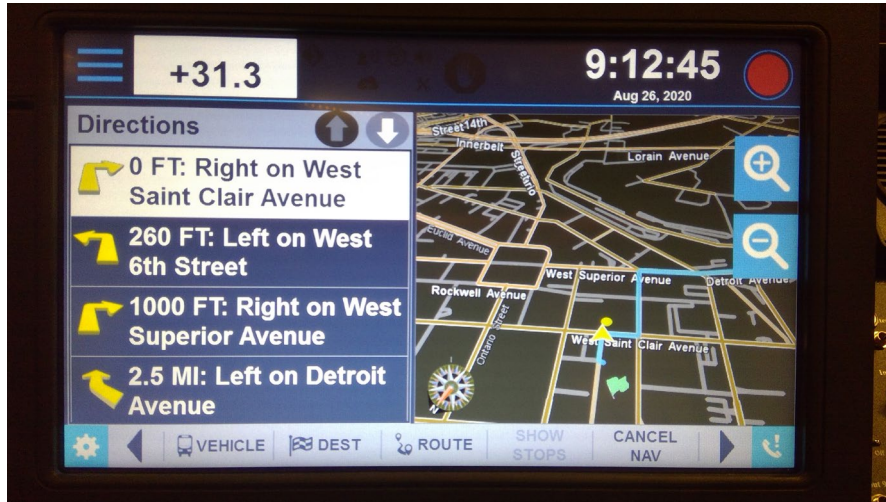
Procurement Overview

- Non-competitive purchase with Trapeze Software Group, Inc. dba Vontas
  - R.C. 306.43 H(3)
    - Competitive procedures are not required when the expenditure is for a renewal or re-negotiation of a lease or license for telecommunications or electronic data processing equipment, services, or systems, or for the upgrade of such equipment, services, or systems, or for the maintenance thereof as supplied by the original source or its successors or assigns

Procurement Overview

- Procurement requested a proposal November 16, 2023
- A proposal was received November 28, 2023
- A 0% DBE goal was assigned to this project
- Proposal was reviewed by representatives from the Information Technology and Procurement Departments

RTA

Procurement Overview

Firm's Experience

- Pioneers in providing intelligent transportation systems

- Serving transit for over thirty (30) years

- Over forty (40) offices worldwide

- Support 135+ large transit agencies across North America

- Support 1/3 of top 100 fleets in North America in CAD/AVL space

Greater Cleveland Regional Transit Authority

Procurement Overview

Vontas Transit Clients

- GCRTA, Central Ohio Transit Authority (COTA), Capital Area Transit Authority (CATA), Southwest Ohio Regional Transit Authority (SORTA), Dallas Area Rapid Transit (DART), Massachusetts Bay Transportation Authority (MBTA), Maryland Transit Authority (MTA), Nashville Metropolitan Transit Authority (WeGo) and Pace Suburban Bus (Suburban Chicago), among many others.

Procurement Overview

Year	Amount
2024	$825,549
2025	$866,480
2026	$909,697
2027	$955,021
2028	$1,002,527
Total	**$4,559,274**

Greater Cleveland Regional Transit Authority

RTA

Procurement Overview

Recommendation:

- Staff requests that the Organizational, Services and Performance Monitoring Committee recommend to the Board of Trustees the award for Computer Aided Dispatch and Automated Vehicle Locator (CAD/AVL) Maintenance and Support services to Trapeze Software Group, Inc. dba Vontas in a negotiated contract amount not to exceed $4,559,274.00 for a period of five years. This amount is approximately 13% below the independent cost estimate.

Questions