

# Nnee Bich'o Nii Services

Apache Transit Technology Planning Presented @ the 20<sup>th</sup> Annual National Tribal Transportation Conference September 25-29, 2017.

“Promoting Technology through Public Transit Services to Promote Safety First!”



“Promoting Technology for use in transporting the public towards their Education, Community Development Training, Employment, Medical Appointments, and Recreation.”



# Technology Planning for San Carlos Apache Transit-History Spotlights:

- ▶ FY 2010-2011-Visited the Cottonwood Express Public Transit System where TSO Mobile (TSO) Tracking Solutions was being used.
- ▶ FY 2011-2012-Phase I-Actual Planning began in April- FY 2012-Starting our Fleet of 16 vehicles. Bids Conducted with RFP.
- ▶ TSO Tracking Solutions received the bid: TSO Winning Proposal started with a Sim Card, GPS Fleet Mobility Director, and a Mobility Tracker w battery-Garmin Capability & 3 Axis A (GPS/GSM).
- ▶ FY 2012- 2013 Total Cost was \$9,724.84
- ▶ Funding was planned through our Federal Transit Administration (FTA) Tribal Transit Program (TTP)-Project Description-Planning Operations, and Bus Shelter.

# Technology Spotlight Continues:

- ▶ FY 2012-2013-Phase II-added a new 22 passenger bus total fleet at 17 fleet under \$1,000.00
- ▶ FY 2013- 2014-Phase III-Added 33-Passenger Bus total at 18 fleet.
- ▶ FY 2014- 2015-Phase IV-Added GPS Service -Public Transportation APC System with APS Door sensor with People Counter, NTD Reporting, Maintenance Reports with cost, and Wifi on all 4 buses. Mgt has on cell phones as well-\$41,089.12 Cost.
- ▶ FY 2015-2016-Added a Web page for Public Transit with Story book and Facebook with schedules. Kiosk added.
- ▶ FY 2016-2017-Total Cost Spent \$81,918.30/\$1,079.71 per month for 13 vans and 8 buses totaling 21 Fleet. Added 3 hotspots. Total Fleet is @ 27 Vehicles.
- ▶ FY 2018- 2019- Phase V-Planning for computerized pre & post trip tracking by ipad for all Transit Drivers with swipe card by Verizon Androids. Add remainder vehicles.

# Benefits of TSO Tracking Solutions:

- ▶ Real Time GPS Tracking Systems allows you to monitor your units from any computer or mobile device with internet services.
- ▶ Internet Map & NTD /Monthly/ Maintenance Reports.
- ▶ We can receive speeding, landmark arrival/departure, ignition on/off .
- ▶ Our Dispatcher Manager has created Geofences which are imaginary fences around areas of interest. Geofences can generate alerts when the unit enters or leaves the Geofence.
- ▶ Can provide full historical location information from the minute the ignition is first turned on, when it started driving, how fast it was going, arrival information, idling time at each location, etc.
- ▶ Safety First: Monitor and Protect the People and Driver on board!

Protect our Apache Youth-Safety First! 😊



Protect our Apache Elders-Safety First! 😊





# Ft. Apache Connections Transit! Safety First! Good Job! TSO Mobile Purchased by White Mountain Apache Tribe!



# TANF Community Development Program- Safety First! 😊



# Technology - Protect our Transit Drivers- Safety First! 😊



We Give Thanks to our Creator ! 😊

