

May Mobility

Valley wAVe Case Study

Autonomous rides through the streets of Sun City, AZ, showcasing how autonomous vehicle (AV) technology can improve the lives and mobility of planned community residents.

Highlights

17k+
miles driven

85%
repeat ridership

5/5 rider approval rating

70% pickups arrived early

Overview

Location
Sun City, AZ

Date Launched
March 2023

Partners

AARP, Via, CBC, Northwest Valley Connect

Use-Case
Free, on-demand mobility for residents in the planned community of Sun City, including those with limited mobility options

Route Model
Point-to-point, dynamically routed

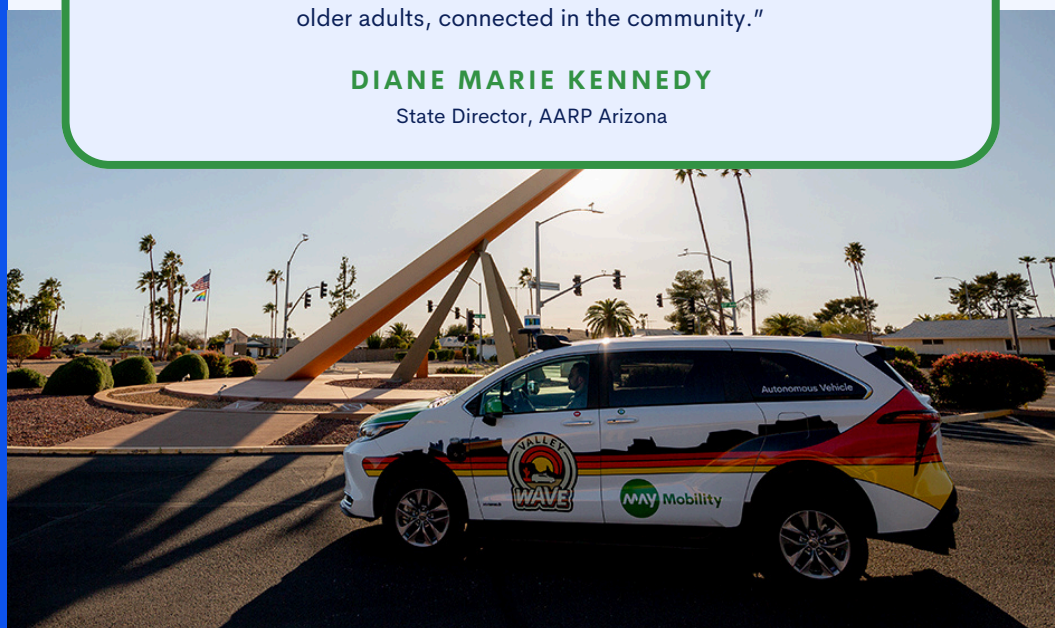
2 wheelchair-accessible vehicles
Toyota Sienna Autono-MaaS vehicles

On-demand service with **25 stops**

10.6 miles of roadway service

> "As the number of Sun City residents continues to grow, increasing mobility for the community becomes even more crucial...new transit technologies can enhance transportation options open to keep people, and especially older adults, connected in the community."

DIANE MARIE KENNEDY
State Director, AARP Arizona



Why are AVs right for Sun City?

The 37,000+ residents of Sun City, many aged 55 and over, enjoy an active lifestyle with daily trips to local recreation, shopping, entertainment, grocery stores or healthcare facilities.

Valley wAVe has helped Sun City in three key ways:

Increased mobility
and independence for residents of all activity levels, ages and abilities.

Safe and reliable
transportation for those who may choose to limit or give up driving.

Reduced stress
and improved wellbeing as riders don't have to worry about traffic or parking, and can simply enjoy the ride.

> "This is a phenomenal service and has been so needed. My mobility has diminished, especially in the last two years. I gave up my car last year. May Mobility's service gave me more options and freedom."

ELIZABETH
Rider at Sun City

Evolving into the first driver-out deployment

Beginning in 2024, Valley wAVe transitioned to driver-out rides, meaning service without a safety operator behind the wheel. This advancement offers an even more flexible and convenient transportation experience, as well as reducing the total cost of operation for communities everywhere.



About May Mobility

May Mobility, established in Ann Arbor, Michigan in 2017, is building the world's best autonomy system. Its proprietary Multi-Policy Decision Making (MPDM) system is at the core of its mission to help make cities safer, greener and more accessible. MPDM's proven track record has delivered more than 350,000+ autonomy-enabled rides to date in several public transit applications across the U.S. and Japan.

With key strategic partnerships including some of the world's most innovative automotive and transportation companies, such as Toyota Motor Corporation, May Mobility aims to achieve the highest standard in rider safety, sustainability and transportation equity. For more information, visit www.maymobility.com.

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