

Providing Wi-Fi Access and Education to New Affordable Housing Projects

The Murfreesboro Housing Authority (MHA) and other parties are working to revitalize four properties to offer critical housing to eligible residents. Internet access for these limited-income residents improves access to a fair livelihood and is a necessary platform for future connected services.

BUDGET

\$850K

\$595K
TVA Connected
Communities

\$255K
Proposed
Match

Background



Lack of Internet for Limited-Income

The initial revitalization project did not include internet connectivity for residents, which can be a burdensome cost and is a needed platform for many aspects of life.

THE OPPORTUNITY

A Necessary Fix

Supporting wireless internet infrastructure can improve the quality of life for MHA residents and provide energy management education.

REVITALIZATION STATUS

3
communities
set to reopen
in 2022-2023

Scope



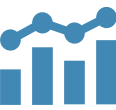
Wi-Fi Hotspots

will be placed in centralized locations throughout communities.



Educational Content

will be provided through a local internet access point, such as the Wi-Fi sign-in page.



Project Impacts

including adoption and behavior change will be measured and reported.

QUANTITY

3
property
communities will
be upgraded

Affecting:

300
residents in
270 units

THE GOAL

Far Reaching Impacts

Providing internet access will not only improve quality of life for MHA residents but planned research will provide insight that can have lasting impacts on the City of Murfreesboro and other communities.

Performance

Key Performance Indicators

- Usage by individual and household across properties
- Ease of access
- Behavior change
- Quality of life improvement
- Cost reductions

The Value

MHA Residents

- Eliminates cost burden for low-income residents
- Increased quality of life
- Opportunity for energy management

City of Murfreesboro

- A roadmap of connected opportunities for the city and local utility

Key Partners

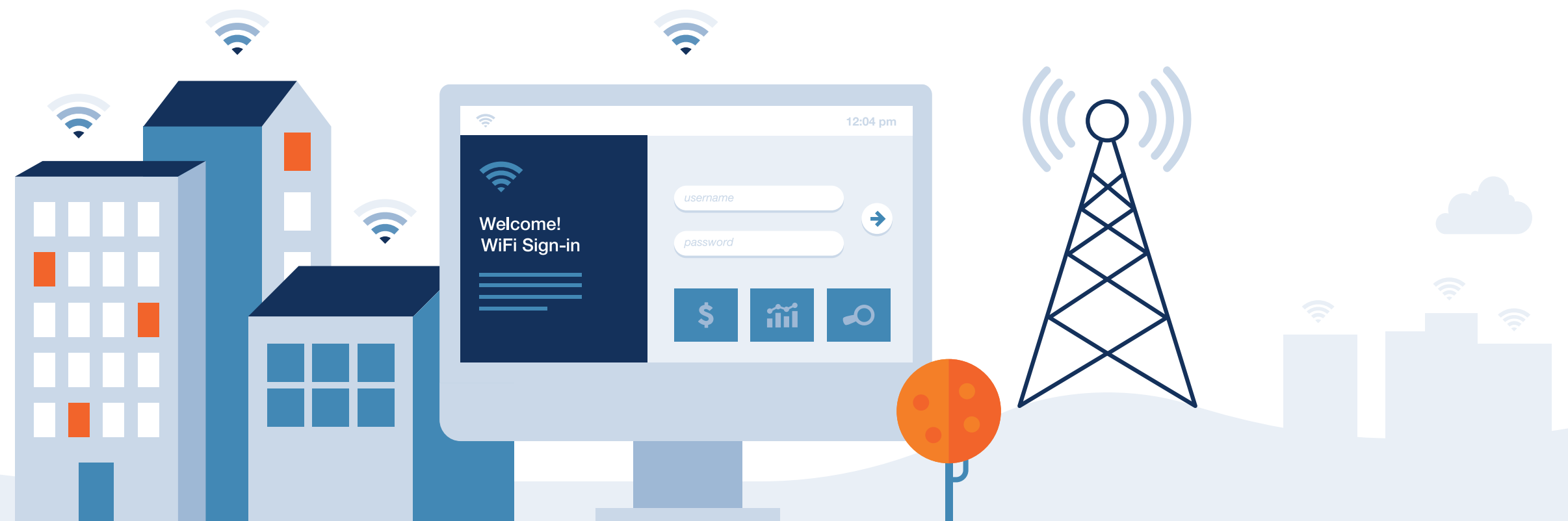
Murfreesboro Housing Authority

City of Murfreesboro

Constellation Energy

SmartMark Communication, LLC

Tennessee Valley Authority



Process

Over the course of 2 years

Determine centralized locations for the hotspots.

Lay fiber for hotspots.

Develop joint training and education program for residents.

Design landing page for Wi-Fi sign-in.