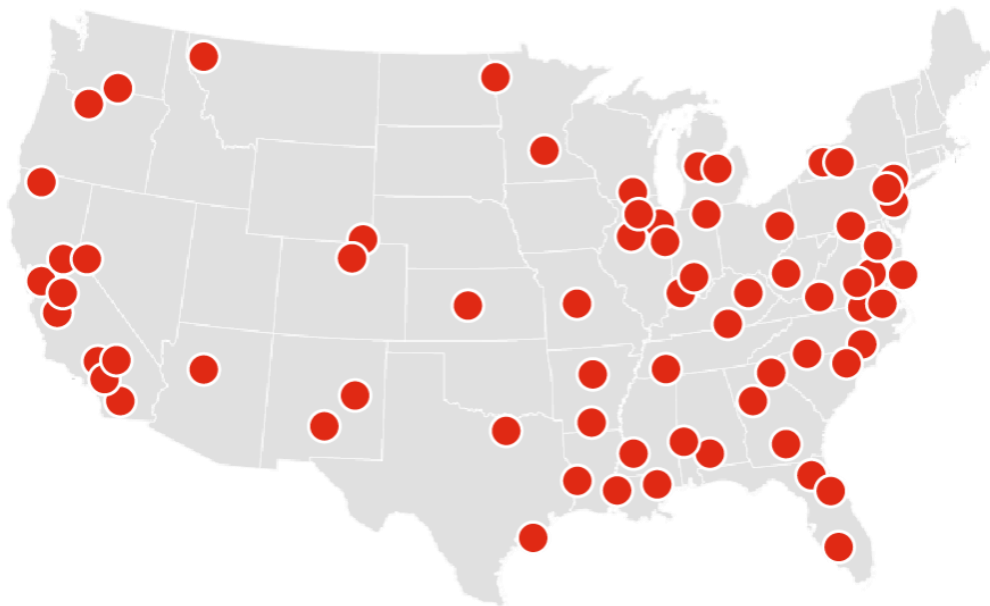
A person is standing in front of a brick wall. They are wearing a dark backpack, dark jeans, and brown sneakers with orange laces. The image has a red tint. The text is overlaid in the center.

# **Creating Accessible Communications Technology for the Visually Impaired Case Study of UC Boulder**



150+ Clients





### Passenger Counting

DoubleMap offers administrators various methods for evolving from the usage of pen and paper to advanced passenger counting systems.



### Digital Signage

DoubleMap provides a comprehensive range of options for indoor, outdoor, and in-vehicle signage.



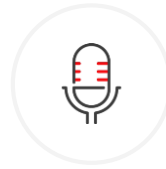
### Vehicle Location

DoubleMap offers your riders peace of mind through a variety of interfaces that provide real-time vehicle locations and estimated time of arrival (ETA) predictions.



### Computer Aided Dispatch

Our platform provides traditional dispatcher functionality in conjunction with unique features that offer the ability to draw/edit routes and stops, and export your data to Google Transit-compliant file in real time.



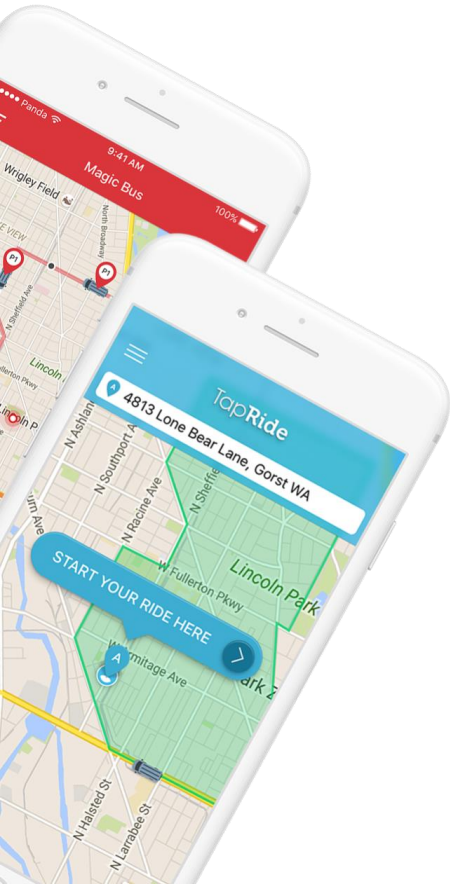
### Automated Voice Annunciation

DoubleMap offers a proprietary and customizable Automated Voice Annunciation (AVA) system that is compliant with the American Disabilities Act of 1990 (ADA)



### Business Analytics

Knowing more about your fleet's operating status is the best way to improve efficiency and effectively plan routes.





## Blind Woman Sues 30 Websites Over Handicapped Accessibility

The New York Post, 2018



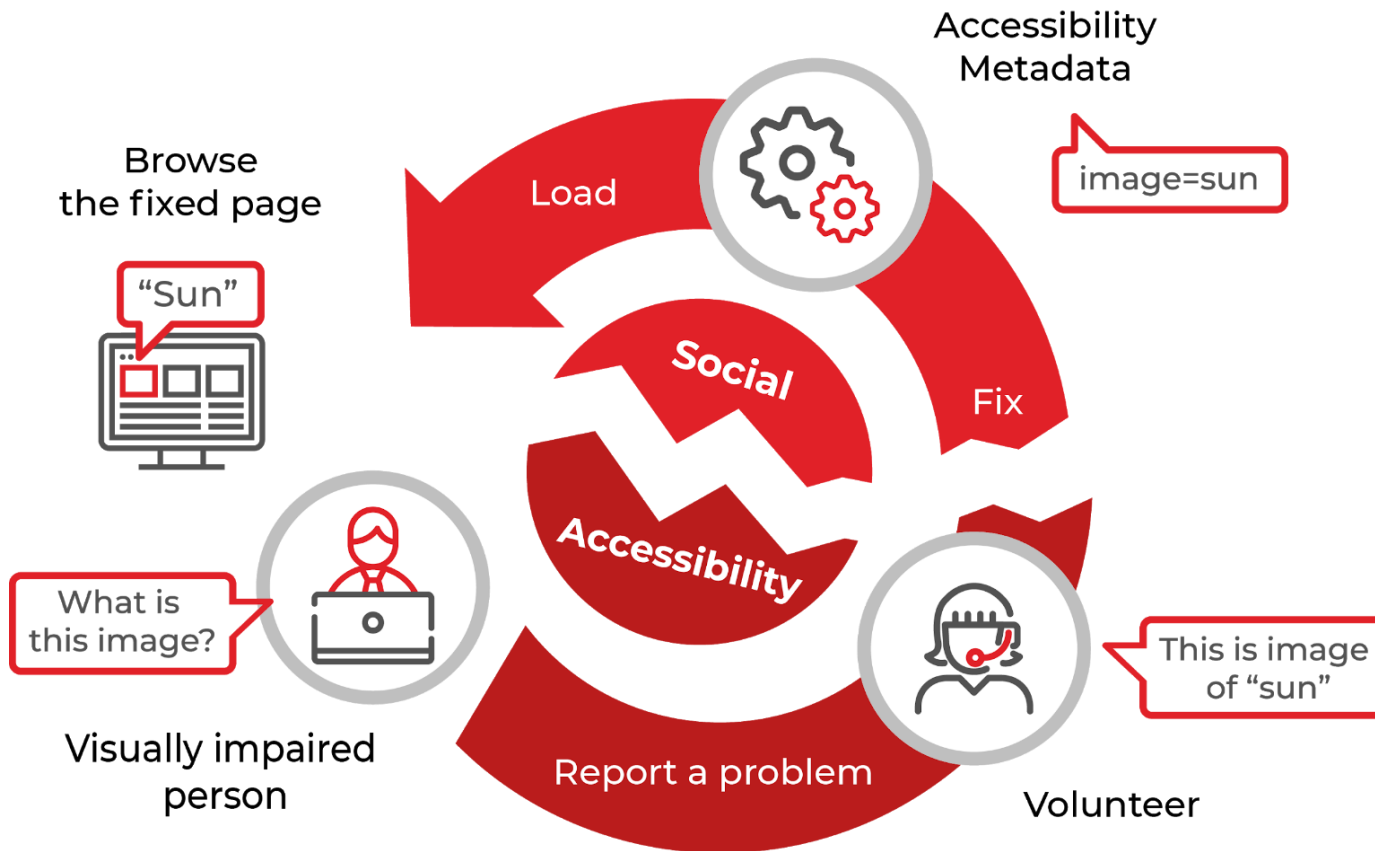
## 'The uncertainty is terrifying' - blind bus users slam city operators as they miss their stops because of faulty audio cues.

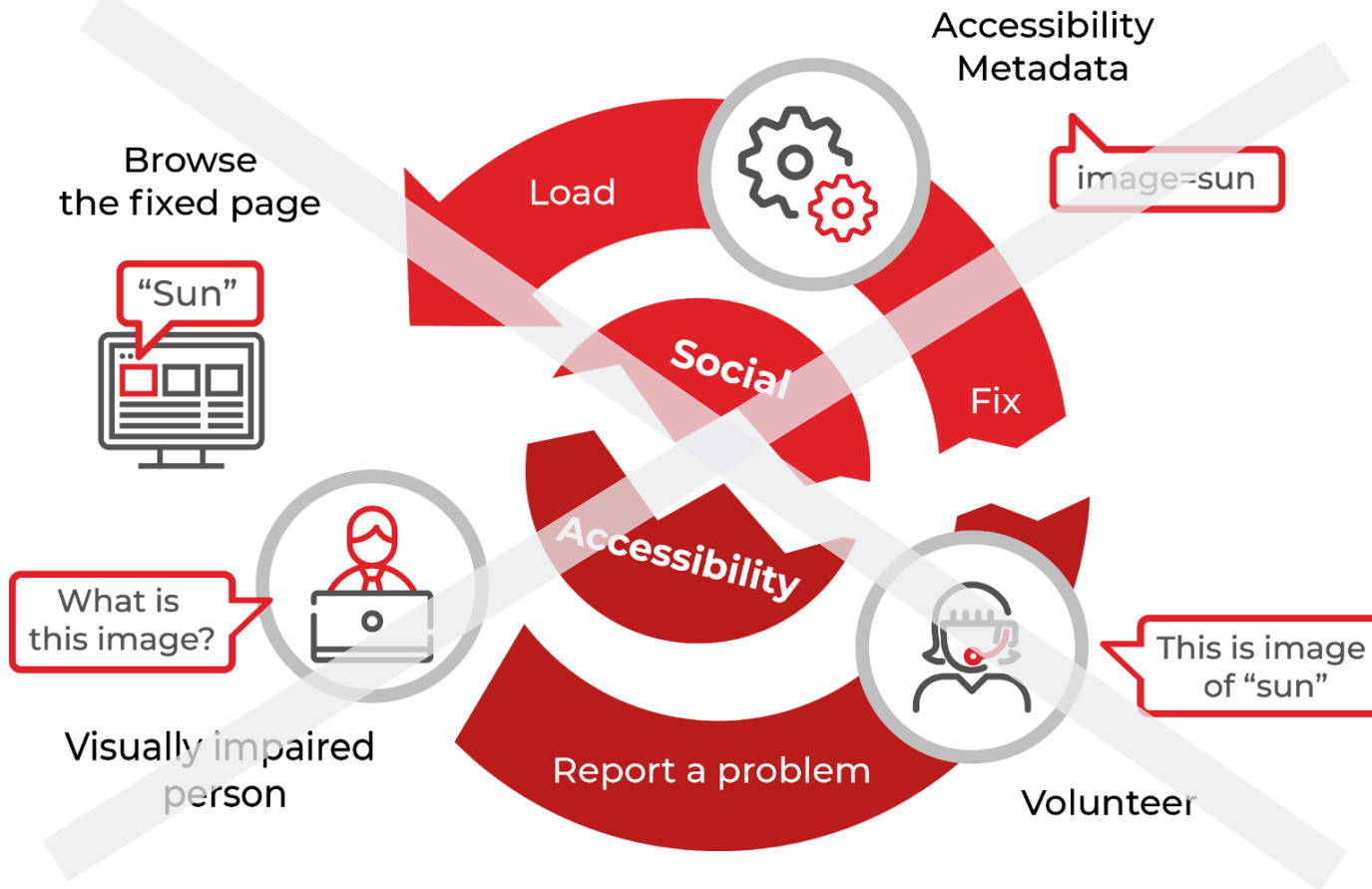
The News, 2018



## T&D Region (central South Carolina) Agencies to Receive \$941,200 from Feds for Public Transportation

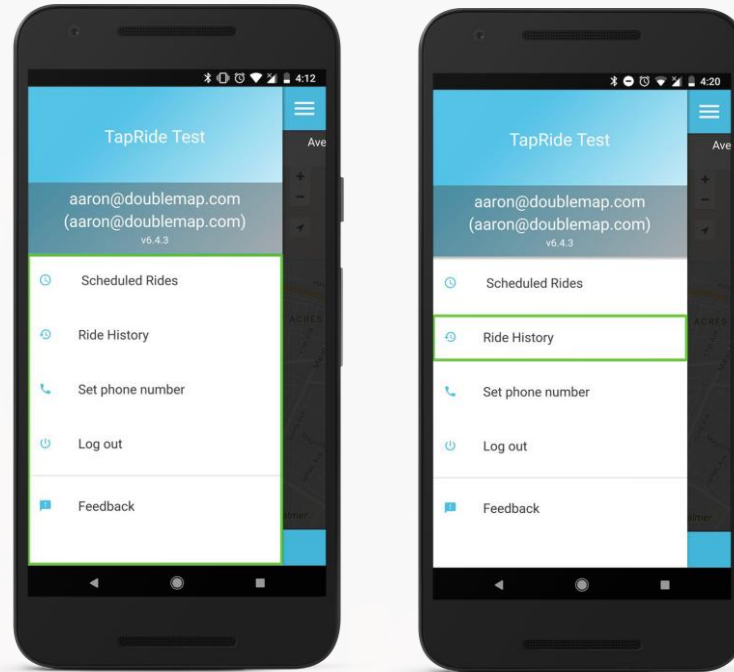
T&D, 2018







# Making TapRide Accessible



# CU Boulder Case Study



*"We are a safety service, we're accessible and caring, and this sets us above and beyond places like Lyft and Uber."* -CUNightRide Driver



*"What about a student that is temporarily disabled? We should be able to help them as well"*





***'It's getting to the point now where I am having to guess where I am based on the bumps I can feel in the road.'***

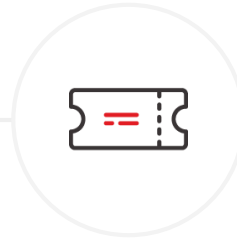
## **Driver Responsibility**



Announcements



Count  
Passengers



Fare Collection



Safely Operate  
the Bus



***Automatic Voice  
Announcements (AVA)***

*Played through the  
speakers of the PA  
System on inside and  
outside of the bus*

## Funding



Federal Transit  
Administration



Local Funding

## Real-World



UNIVERSITY OF  
TEXAS  
ARLINGTON



## Additions



AVA



Audio



Captions



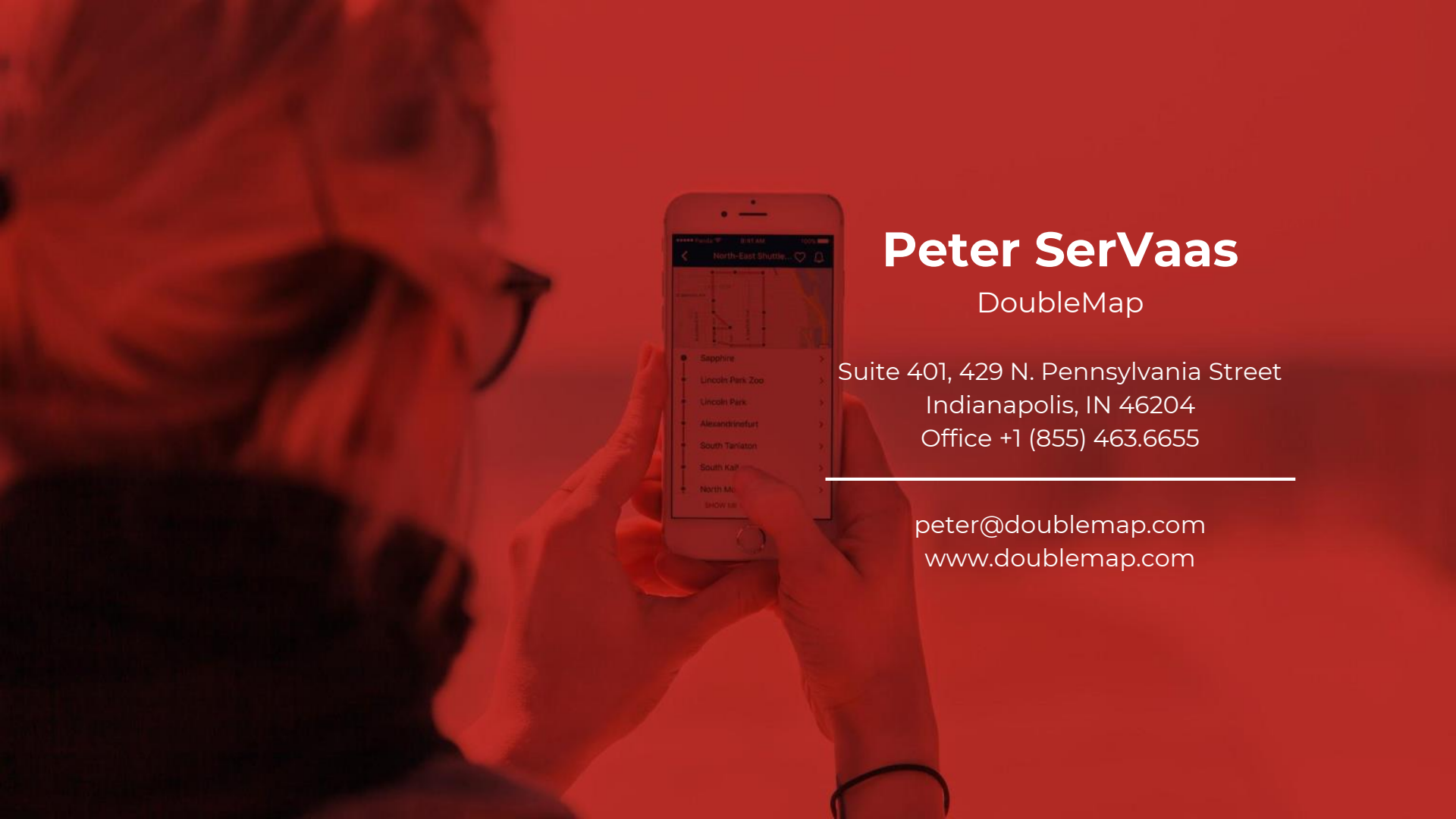
Wheelchair lifts



Ramps



**DoubleMap Clients  
with Automated Voice  
Announcements (AVA)**



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