



License Plate Recognition



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Texas A&M Transportation Services



LPR Overview

- **How it works**
- **Common Uses**
- **Current Use at Texas A&M University**
- **Future Use at Texas A&M University**

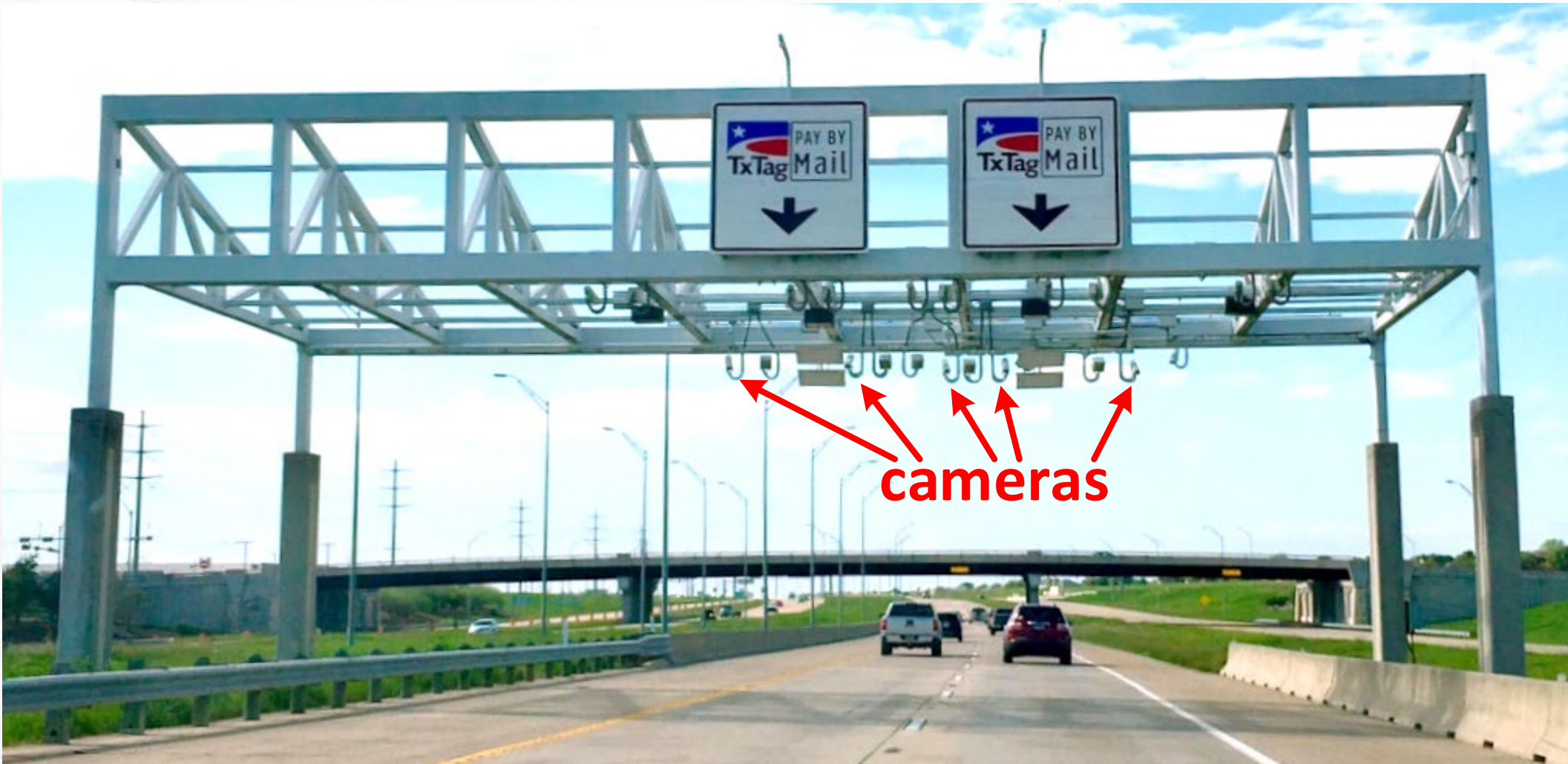


How It Works





Common Uses





Common Uses





Common Uses



camera



Common Uses



cameras





Common Uses





Common Uses





Current Use





Current Use



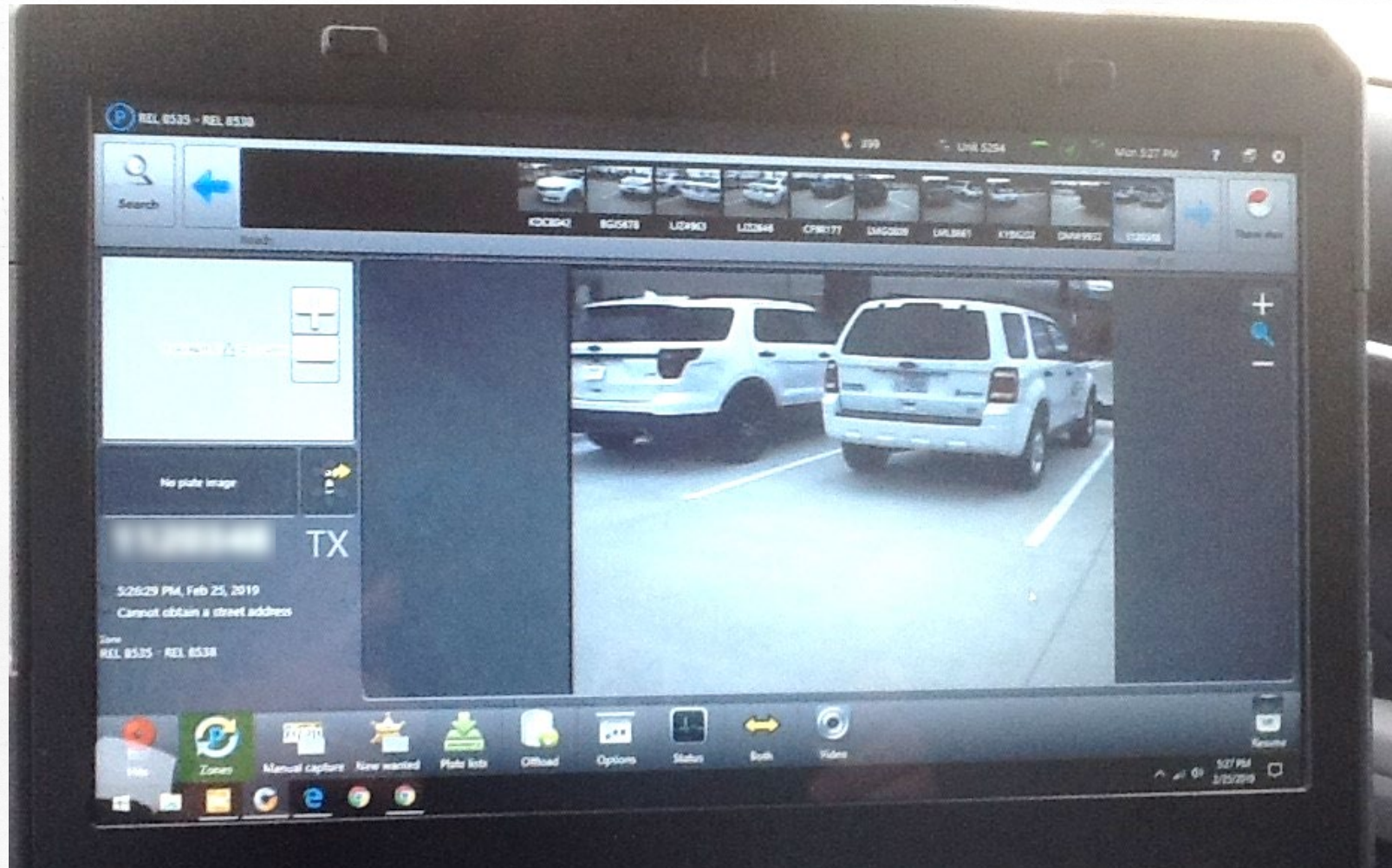


Current Use





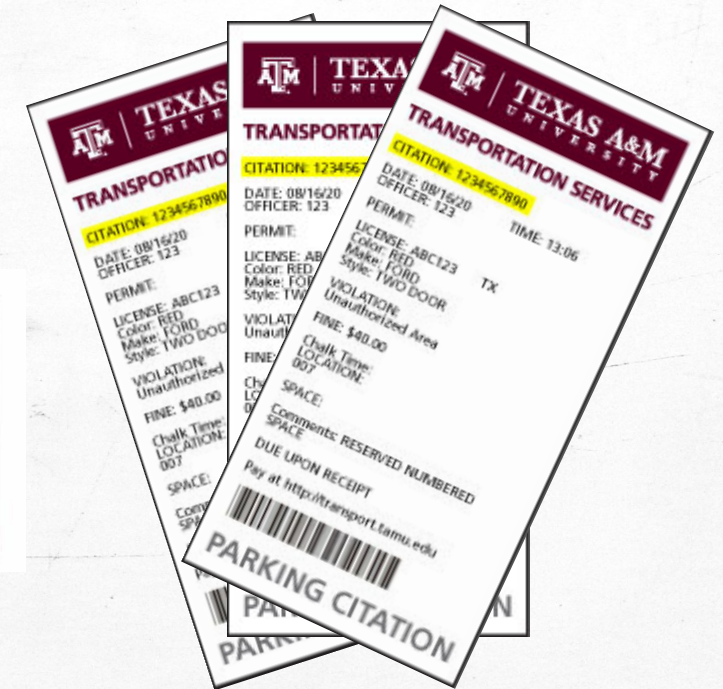
Current Use





Current Use

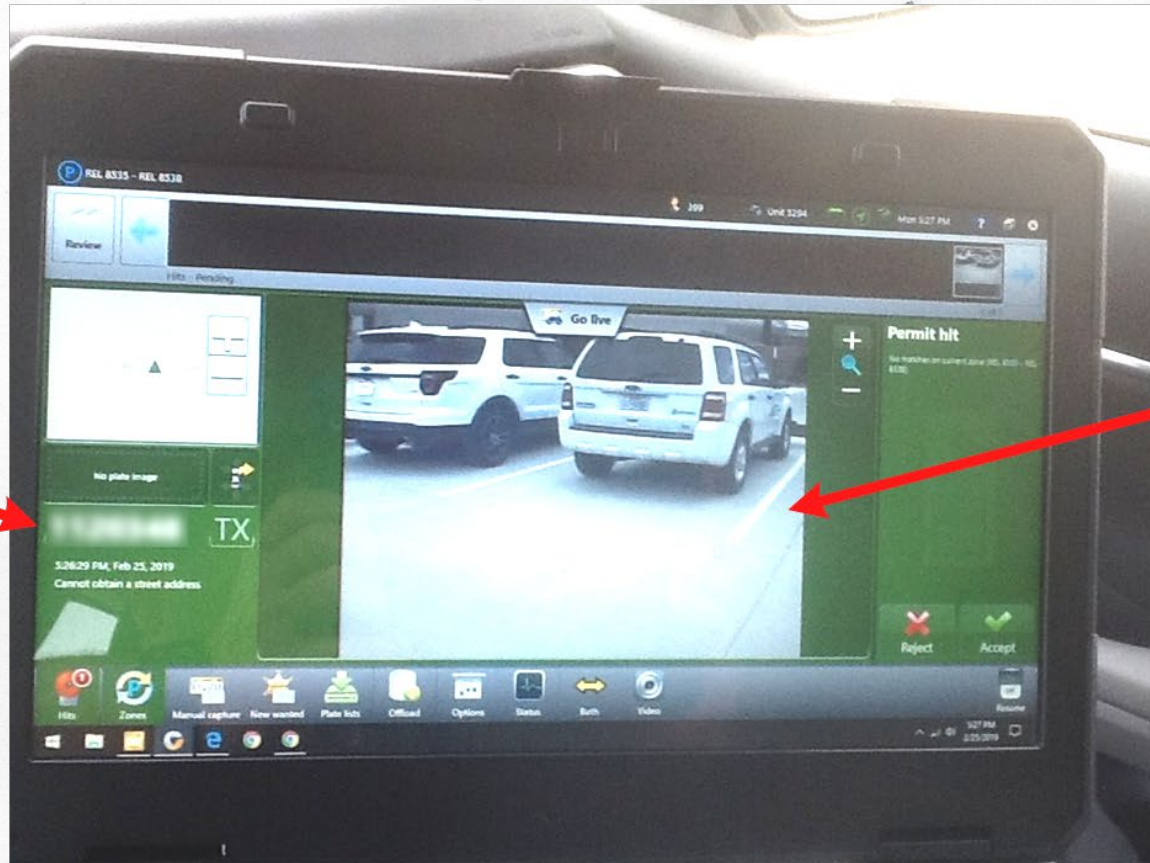
- **Enforcement (Repeat Offenders)**
 - 3 or more citations due
 - \$160+ due
 - Balance due over 90 days





Current Use

▪ Enforcement of Repeat Offenders



Plate

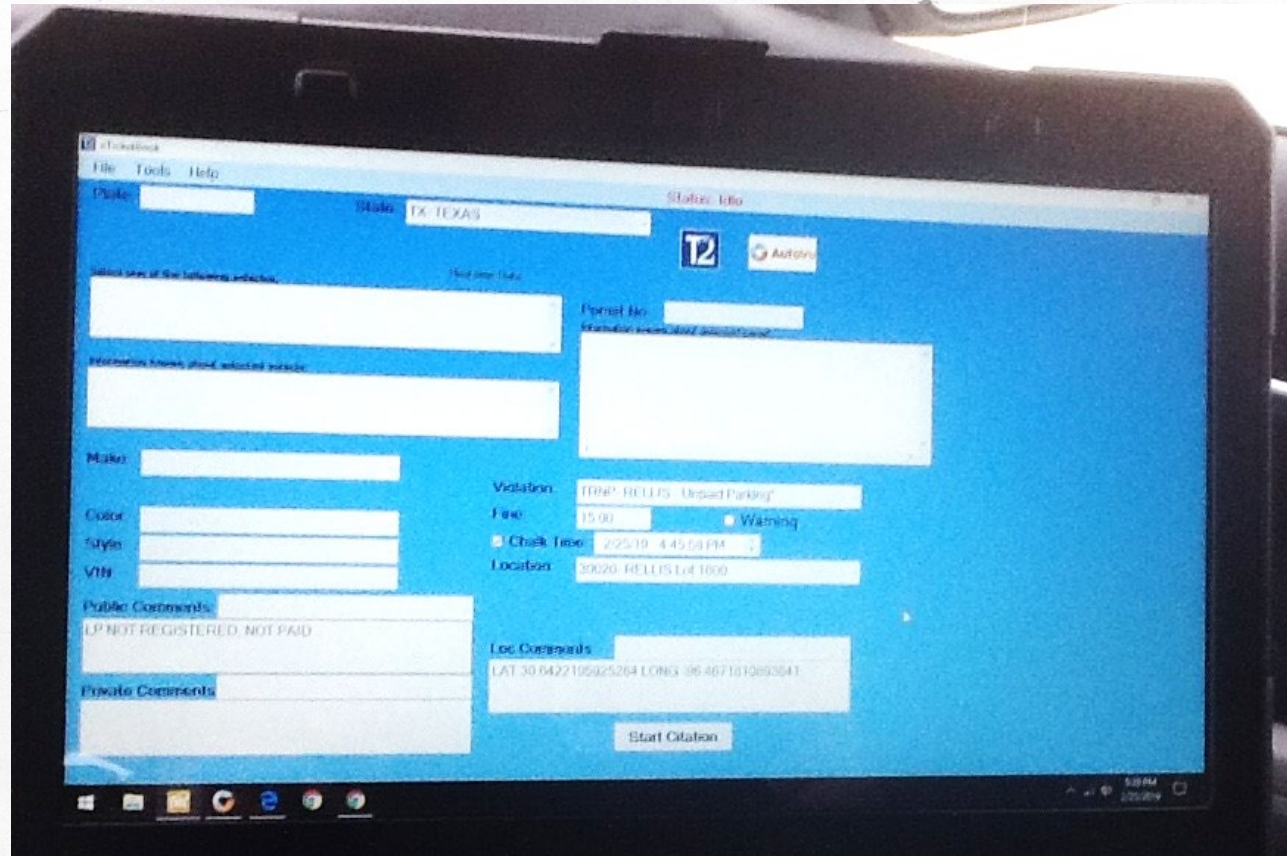
Context Image





Current Use

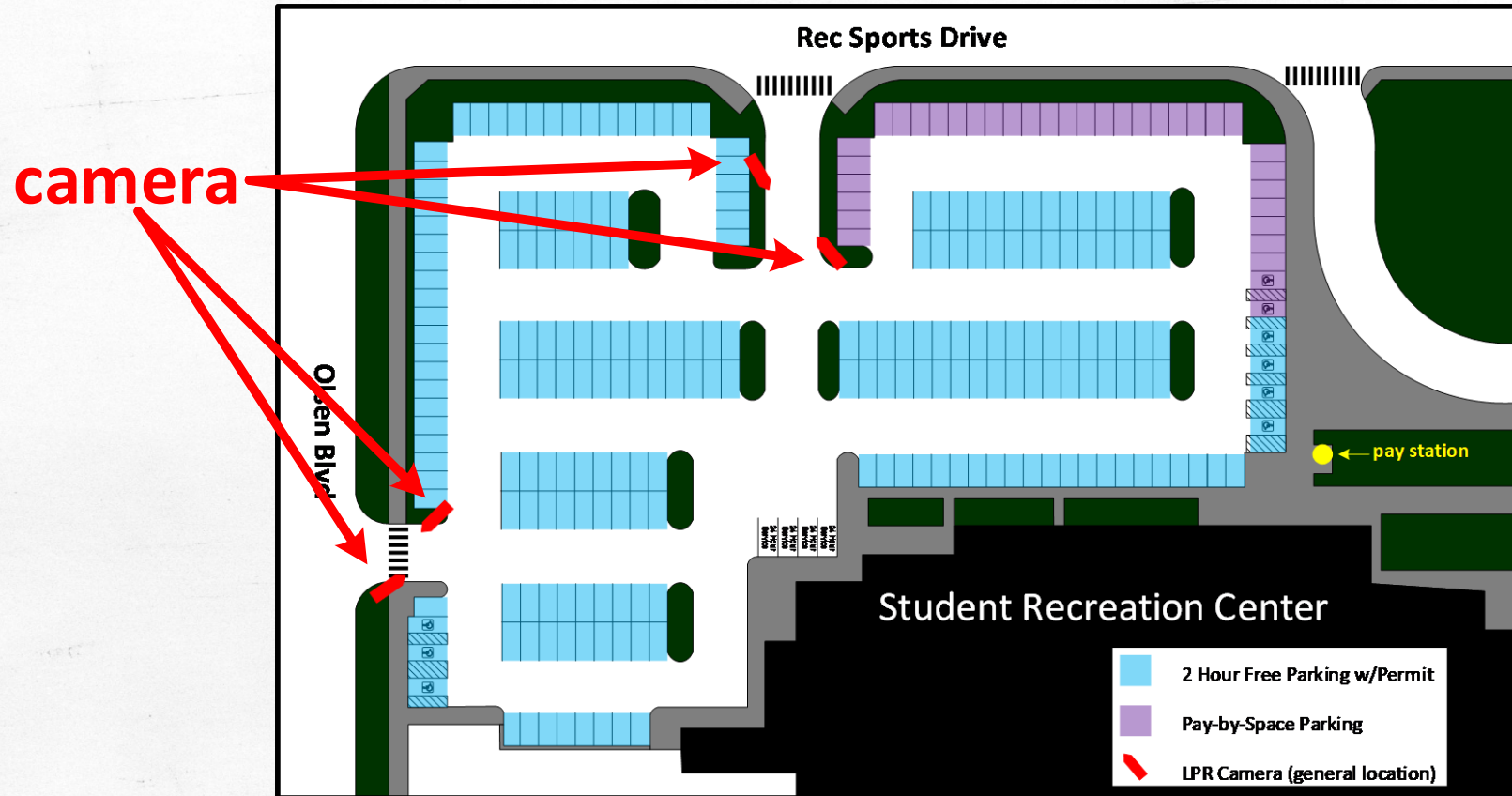
- **Enforcement of Repeat Offenders**





Current Use

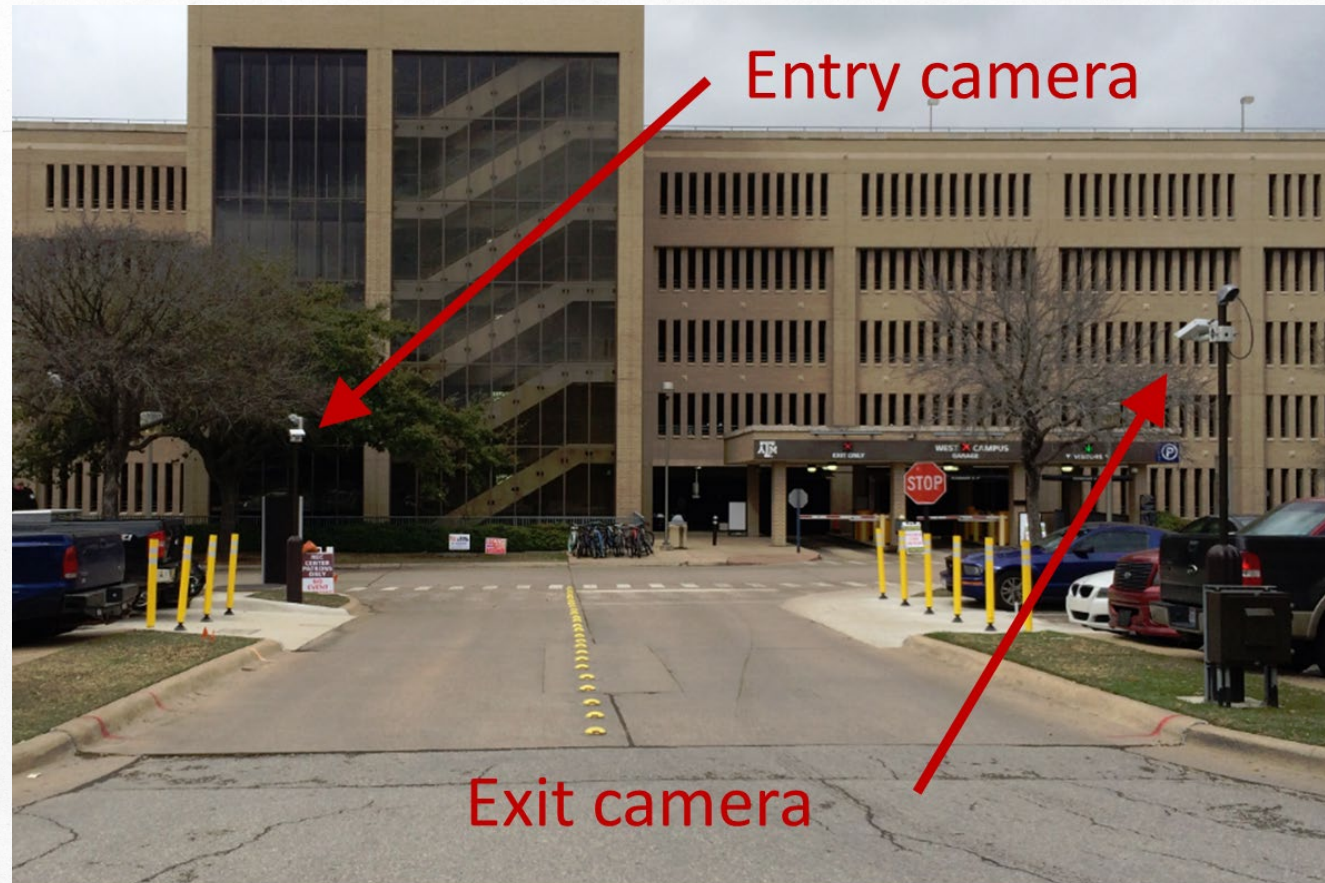
Timed Parking Enforcement





Current Use

- **Timed Parking Enforcement**





Current Use

- **Timed Parking Enforcement**





Current Use

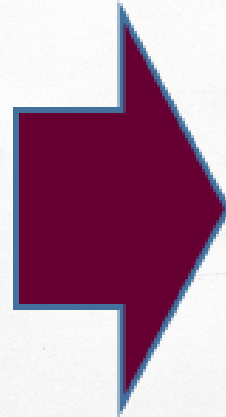
- **Law Enforcement Requests**





Current Use

▪ Permitless Parking





Current Use

▪ Permittless Parking



ParkMobile





Current Use

▪ Data Privacy

STANDARD ADMINISTRATIVE PROCEDURE

29.01.03.M0.28

Information Resources – Audiovisual Surveillance

Approved April 13, 2010

Revised September 15, 2010

Revised March 8, 2013

Revised August 14, 2013

Revised January 17, 2019

Next scheduled review: January 17, 2024

Texas A&M Information Technology
Audio Visual Surveillance Technology Committee

Audio Visual Surveillance Technology Operational Standards



TEXAS A&M UNIVERSITY
Transportation Services

Possibilities

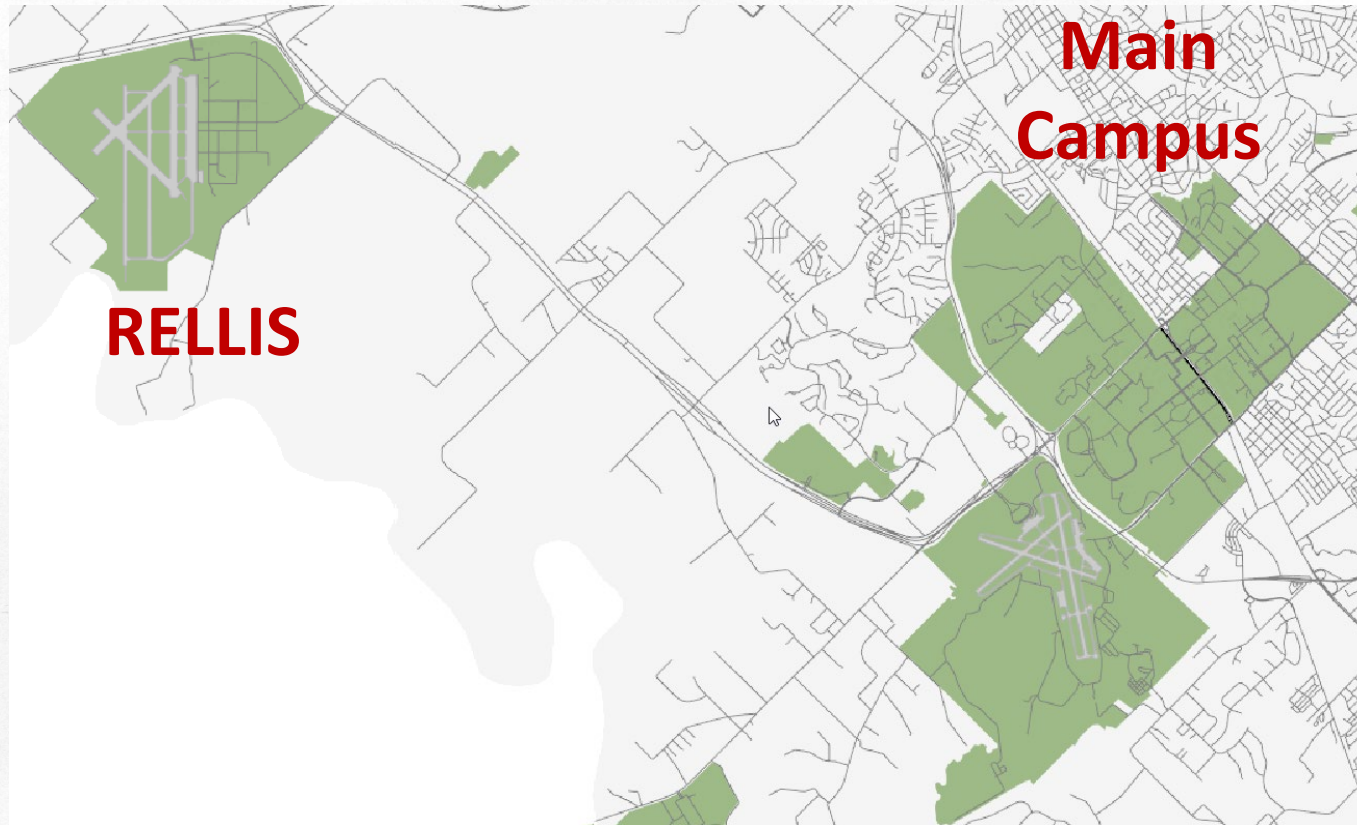
FUTURE

A large, hollow maroon arrow pointing to the right, with the word 'FUTURE' in a bold, maroon, blocky font centered inside it.



Possibilities

- Permitless for main campus?





Possibilities

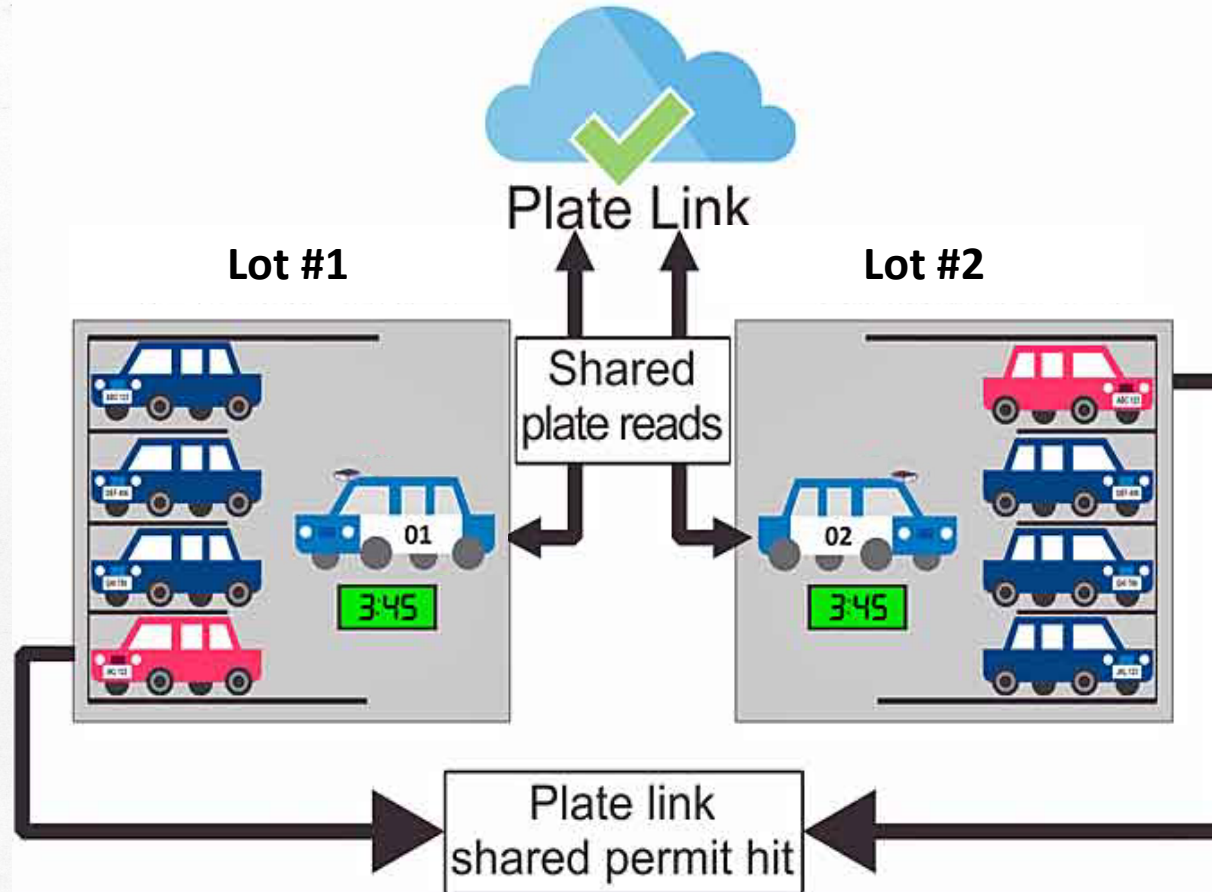
- One Permit with multiple vehicles





Possibilities

- One Permit with Multiple Vehicles





Possibilities

■ One Permit with Multiple Vehicles

The screenshot displays a traffic camera software interface. At the top, the address is "2478, Av Marie-Curie (Rue Albert-Einstein - Rue Alexander-Fleming)" and the camera ID is "P1 - Genetec P1". The time is 4:06 PM. A "Review" button is on the left, and a "Hits" section shows a sequence of 14 frames with license plate numbers: 026VDX, 027SSD, 027WMW, 029AFH, 031KYF, 033ASK, 034XMW, 469YXF, and P43CTR. Below this, two vehicle images are shown side-by-side. The left image shows a dark car with license plate 469YXF. The right image shows a white car with license plate P43CTR. A "Go live" button is above the white car image. To the right of the images is a "Shared permit hit" panel with the following details: Elapsed 0 min, PermitID 101, EffectiveDate 2012-01-01, ExpiryDate 2012-12-31, and DurationViolated 2 H. Below the images are two license plate capture boxes: one for 469YXF QC (dated 26/04/2012 5:36:00 PM) and one for P43CTR QC (dated 26/04/2012 5:36:13 PM). At the bottom right are "Reject" and "Accept" buttons. The bottom toolbar includes icons for Hits (14), Zones, Manual capture, Offload, Options, Status, Video, and Pause.



Possibilities

- Switching Vehicles





Possibilities

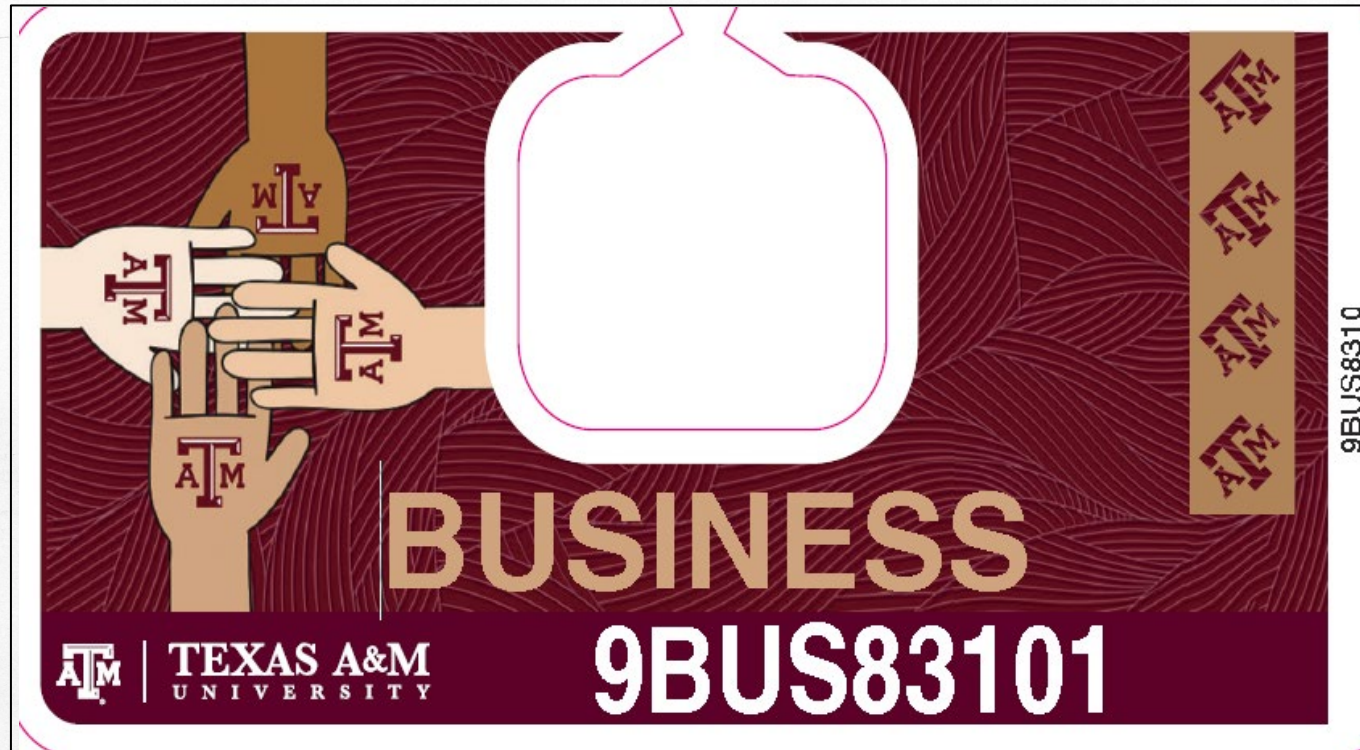
Switching Vehicles

The screenshot shows a web interface for updating permit links to vehicles. At the top, there is a navigation bar with links for 'RV Exchange', 'Permits', 'Citations', 'Appeals', 'AggiEpass', 'Bikes', and 'More', along with an 'Account Home' button. Below this is a header with the Texas A&M University logo and 'Transportation Services' text, and a user profile for 'DELMOS HAMILTON' with a 'Logout' link. The main content area is titled 'UPDATE PERMIT LINK TO VEHICLES' and includes a sidebar with navigation options like 'My Permits', 'My Waitlists', 'Access Method', 'Payroll Deduction', 'Purchase Permits', 'View Citations', 'Pay Citation', 'Search Citations', 'View Appeals', 'Appeal a Citation', 'AggiEpass', 'Bike Registration', 'Registered Bikes', 'Contact Info', 'My Vehicles', and 'Correspondence'. The main content shows 'Permit Type: 2018-19 CCG Garage' and 'Permit Number: 9CCG54756'. It lists 'Vehicle(s) linked to this permit' and 'Your vehicle(s) link to this permit'. A yellow callout box states: 'You can choose up to three vehicles to link to this permit. The vehicle license plate you choose is linked to your parking credential. Texas A & M College Station permit holders are still required to display their permits while parked on campus.' Below this, there is an 'Add Vehicle' button and a note: 'If you don't find your vehicle in the following list you may add a new vehicle.' Two lists of vehicle license plates are shown: 'Your Vehicle(s)' with TX 1145956, TX 1151959, TX 1151960, TX 1151961, TX 1266219, TX 1266221, and TX 887024; and 'Your vehicle(s) already linked to this permit' with TX AM57983. Navigation arrows are present between the lists.



Possibilities

- **Business Permits**





Possibilities

- **Access**






Possibilities


Hourly Parking Verification

**Cain
Garage**

Insert ticket
this end first



Pay by credit directly in exit lane
from your vehicle.



Cash/credit payment may be
made in the Level 1 pay area
prior to returning to your vehicle.

**CUSTOMERS HAVE 15
MINUTES TO EXIT THE
GARAGE AFTER PAYMENT.
LOST OR STOLEN TICKETS ARE
CUSTOMER'S RESPONSIBILITY.**

Changes are for the use of space
only. Transportation Services is
not responsible for damage or
loss to vehicle or contents.

2019/ 02/ 25 08:34:03 L01



Possibilities

Counts



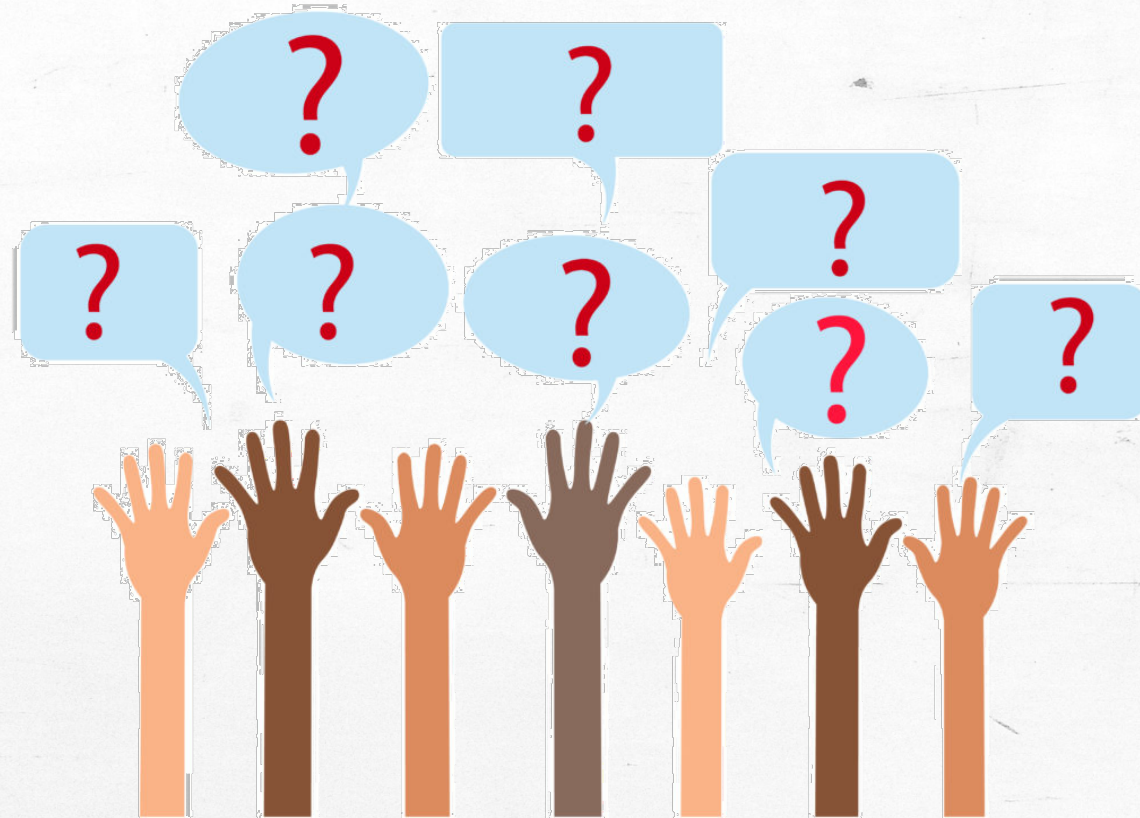


Wrap Up

- **How it works**
- **Common Uses**
- **Current Use at Texas A&M University**
- **Future Use at Texas A&M University**



Questions





Contact

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