Agenda

- Introduction-What is ALPR?
- How to log on
- Begin Shift
- End Shift
- Troubleshooting
- Legal
- Demo Video
Introduction

- What is the Automatic License Plate Recognition System (ALPR)
What is ALPR?

- A computer that automatically scans license plates and compares them to a wanted vehicle database.
- Searches for Stolen vehicles, Felony vehicles, Lost or Stolen plates and any other manually entered plates.
What is ALPR? (Cont)

- The system incorporates two cameras, one IR, one Color into a single housing, two housings per vehicle
- Can capture plates in all weather, oncoming headlights, glare, bright sunlight and in darkness
- Uses IR and OCR (Optical Character Recognition) technology to read plates
What is ALPR? (Cont)

- Officer is notified visually and with an audible alarm when a match is made.
- Matches must be confirmed through CLETS.
- The Database is NOT live and matches may not still be in the system.
- Visually confirm the plate from the vehicle, NOT from the picture.
ALPR is NOT PERFECT!!!

- ALPR does NOT read all plates
  - Non-reflective plates
    - Old Blue CA
    - Extremely Dirty
    - Mutilated or Obscured
- Out of state & motorcycle plates can be read, but accuracy **may** be reduced
- Plate must be in the field of view of the camera
- ALPR only reads from the IR camera, not the color overview camera
- Misreads can and will occur!
- **VERIFY, VERIFY VERIFY!!!**

12/11/2021
Make sure that you have a wireless connection with the network.
START UP

- Log onto the MDT and allow PAGIS to load completely
Logging into PAGIS

- Enter your login in lowercase in the **Badge #** field
- Enter your password in the **Password** field
- **Location** – ALPR ID self populating
- Hit “**Log On**” Button
- The Patrol Screen will now load
Patrol Screen (Live)

- Main screen to use the PAGIS system
- Buttons available to access other features
*Double click the Begin Shift* button to begin upload of databases
This may take as long as 5 minutes
Begin Shift (cont.)

- PAGIS will display a status screen while the begin shift process is taking place.
Other Features in PAGIS

Manual Plate Check & Entry
Manual Plate Check & Entry

- Allows you to check for wanted plates
- Allows you to add wanted plates to local database
Manual Plate Check (cont)

- Enter plate and hit “VLP” button
- If plate is not found and you want to add to database
- Hit Type of Plate entry, (Amber Alert, Felony, Stolen, or Misc) button.

12/11/2021
Adding a Wanted Plate

- Add any additional information in narrative box
- Hit “SAVE”
- Information will be saved to the local computer. (Does not save onto the server)
Other Features in PAGIS

Review Plate Reads
Review Plate Reads

- Summary screen for basic "Stats"
- Tap "READS" to see all plates read
- Select "Hits" to view all hits
- Tap "misreads" to view misreads
- "ESC" to exit
END SHIFT

- Should be done at transportation
- Confirm that you are connected to the server via Wifi
- Double tap “END SHIFT”
Endshift-Downloading Data

- Computer will download all the plates read to the server
- This may take several minutes depending on the number of plates read
LOGGING OFF PAGIS
LOGGING OFF

- You **MUST** log off PAGIS at EOW
- Hit the “Log out” button to log off PAGIS
- Hit the “Exit” button to log off the PIPS computer
- Turn off the MDT as normal
- YOUR DONE!
Troubleshooting

- If PAGIS doesn’t automatically load
- This might occur when you restart the computer during your shift
  - Double click the PAGIS Icon on the remote desktop
Logging into BOSS

Investigative Database

- Contact the Police IT unit for a BOSS account.
- Click on the BOSS Icon on your desktop.
- Enter your user credentials.
Searching for plates in BOSS

- Enter the license plate you want to search for into the “Look For” box.
- Click the “Find” button.
Search Justifications

- Once the user clicks the “Find” button to search for a license plate they must enter their justification information in the justification box prior to the system searching for the license plate.
- Click on the Justifications “Select” Button
Search Justifications

The select button will open a selection box to the right of the button. Select the search type you are conducting and click the save button.
Search Justifications

- Enter a justification note into the “Justification Note” field. This is to identify the type of crime or incident being investigated.
- Enter a report number or full incident number into the File Number field.
- Select the “OK” button once everything has been entered.
- The system will then run your license plate query.
Legal

- An ALPR shall only be used for official law enforcement business.
- Accessing data collected by ALPR requires a right to know and a need to know.
- No ALPR operator may access department, state or federal data unless otherwise authorized to do so.
Legal Con’t

- Department members shall not allow others to use the database records for any unauthorized purpose.
- Please review the following civil codes
  - Civil Codes 1798.90.5 through 1798.90.55
Data Breach Reporting & Post Breach procedures

- Users are to alert their supervisor upon identifying a breach of the ALPR system.
- The supervisor should contact the City IT Help Desk by phone [redacted] or email [redacted] and advise of the system breach.
- If the breach is identified after business hours, the user’s supervisor should contact communications to alert the on call City IT technician.
Problems with the system

- Contact the Police Information Technology Unit at