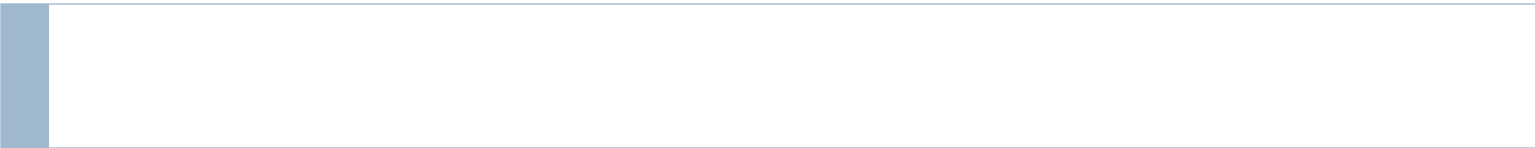
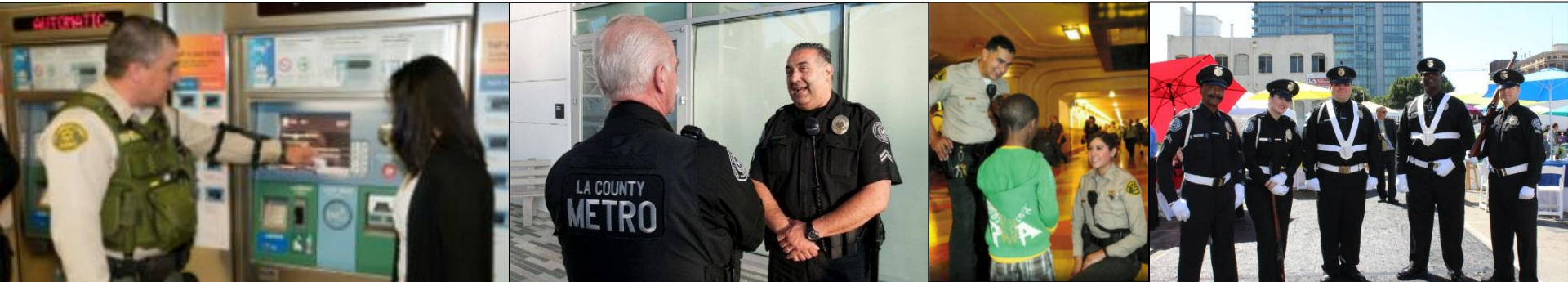


System Security & Law Enforcement

Mobile Applications & Video Analytic



Metro

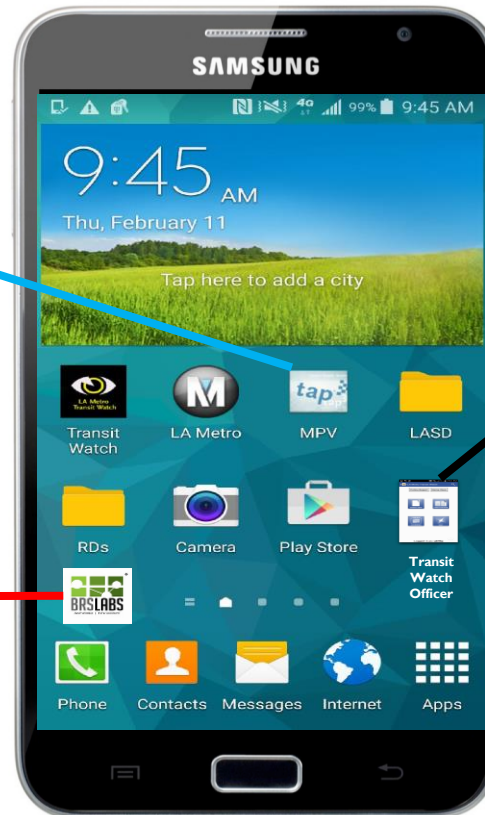
To provide excellence in service and support

“We understand, and always view safety and security as our #1 priority.” - Phillip A. Washington

Mobile Phone Validator
2.0

Transit Watch
Officer Application

Video Analytic



Metro

To provide excellence in service and support

TAP MPV 2.0 – Map Review

New Map
Function
Opened from
main menu

The screenshot displays the 'Device Inventory' page in the TAP MPV 2.0 interface. The page includes a search bar and a table of devices. The table has the following columns: DEVICE NAME, IMEI, MODEL, GROUP NAME, INSPECTOR NAME, Key Mode, and STATUS. The devices listed are:

DEVICE NAME	IMEI	MODEL	GROUP NAME	INSPECTOR NAME	Key Mode	STATUS
Vinay Parsi (Galaxy S5)	352255063242911	SM-G900H	axiom	vinay	Full	Approved
SAMSUNG-SM-C890A	352131070447492	SAMSUNG-SM-C890A	Axiom-Test	SGActive	Limited	Approved
199167-(213) 362-8956	351851068250198	362-8956		MATTHEW COPPES	Limited	Pending Approval
199167 (213) 362 8751	351851068279048	362-8751		ADLY XIE	Limited	Pending Approval
199167-(213) 362-8481	351851068291697	362-8481		TAP LOANER	Limited	Pending Approval
199167-(213) 362-8142	351851068242039	362-8142		JOHN TROJANOWSKI	Limited	Pending Approval
199167-(213) 362-8612	351851068291457	362-8612		CARY STEVENS	Limited	Pending Approval
199778-(213) 948-8780	351851068242211	948-8780		MIZANUI KARR	Limited	Pending Approval
199270 (213) 948 8780	351851068274206	948-8780		FRANK RICHTER	Limited	Pending Approval
199167-(213) 362-8956	351851068282118	362-8956		TPD-NORTH-LOAN1	Limited	Pending Approval

At the bottom of the table, there are three buttons: 'Add New Device', 'Activity Log', and 'Map'. A callout box points to the 'Map' button. The page also includes a footer with '© Metro 2016 All Rights Reserved' and a navigation bar with '1 2 3 Next'.



Metro

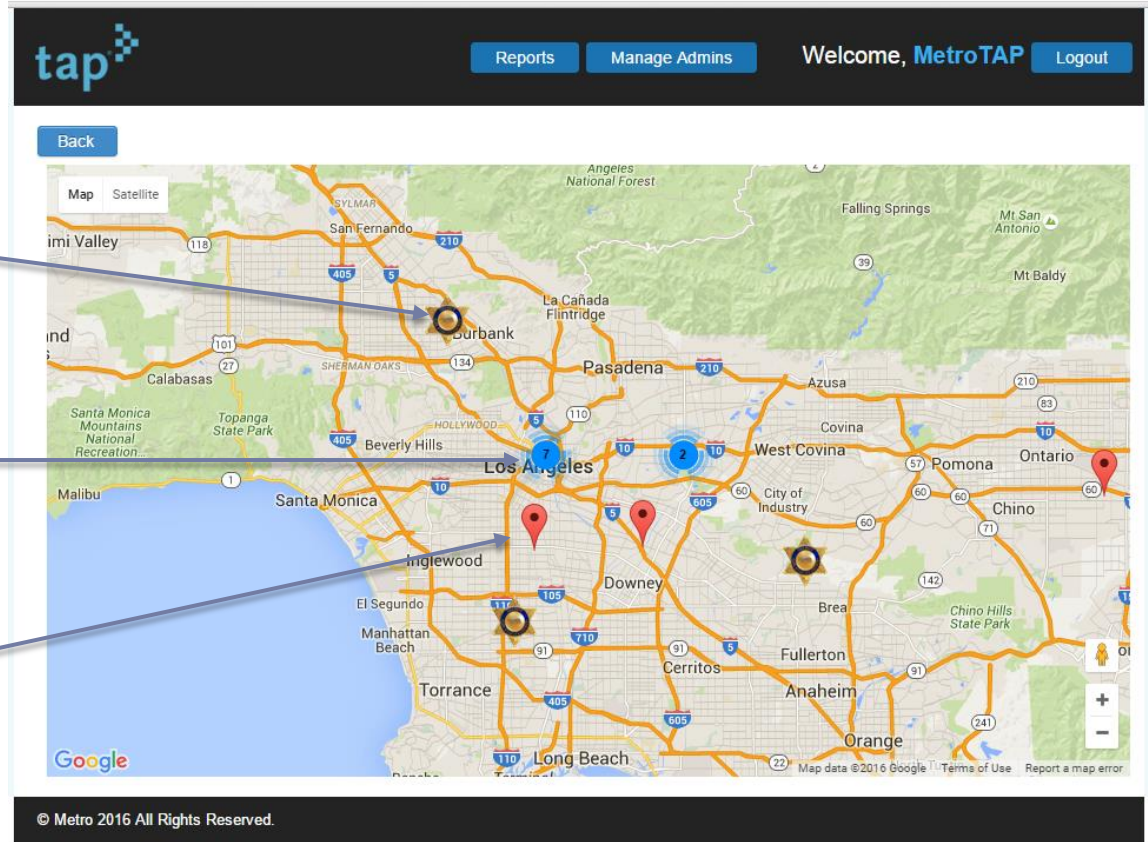
To provide excellence in service and support

TAP MPV 2.0 – Map Review

Sworn Officers Identified by Badge

Multiple Inspectors Identified by #

Inspectors Identified by Pin



Metro

To provide excellence in service and support

TAP MPV 2.0 – Map Review

Hover mouse cursor over icon to identify officer detail

The screenshot displays the TAP MPV 2.0 interface. At the top, there is a navigation bar with the 'tap' logo, 'Reports', 'Manage Admins', 'Welcome, MetroTAP', and 'Logout' buttons. Below this is a 'Back' button. The main area is a map of Los Angeles with a blue location pin. A pop-up window is open over the pin, displaying the following information:

- Sheriff: **NANCY RAMIREZ**
- Device: **199479-(213) 948-8913**
- IMEI: **351881067958437**
- Battery: **35%**
- Location: **Mid City, Los Angeles, CA, USA**

The map shows various streets and landmarks in Los Angeles, including Dodger Stadium, MacArthur Park, and the Staples Center. The bottom of the screen features a copyright notice: '© Metro 2016 All Rights Reserved.'



Metro

To provide excellence in service and support

TAP MPV 2.0 – Fare Evasion

Most common fare evasion scenario is un-activated rolling pass or stored value-did not tap. MPV 2.0 will allow the officer to activate rolling passes and deduct stored value.

The screenshot displays the TAP MPV 2.0 mobile application interface. At the top, it shows the card name 'OPR METRO Metro Red Line' and a 'Continuous' toggle switch which is currently turned on. Below this is the card number '0160 0082 3809 8072'. The 'Pass Type' section indicates a 'Regular' pass that expires on 'Nov 15, 2025' with a balance of '\$0.00'. The 'Fares Loaded' section shows 'Metro Visitor 1 - Unlimited Rides' expiring on 'Feb 16, 2016 12:00 AM'. The 'Last Use' section details a pass used on 'Feb 15, 2016 6:19 PM' for 'Route 733'. A 'History' section at the bottom lists two previous uses: '1 Feb 15, 2016 6:19 PM Route 733' and '2 Feb 15, 2016 3:23 PM'.

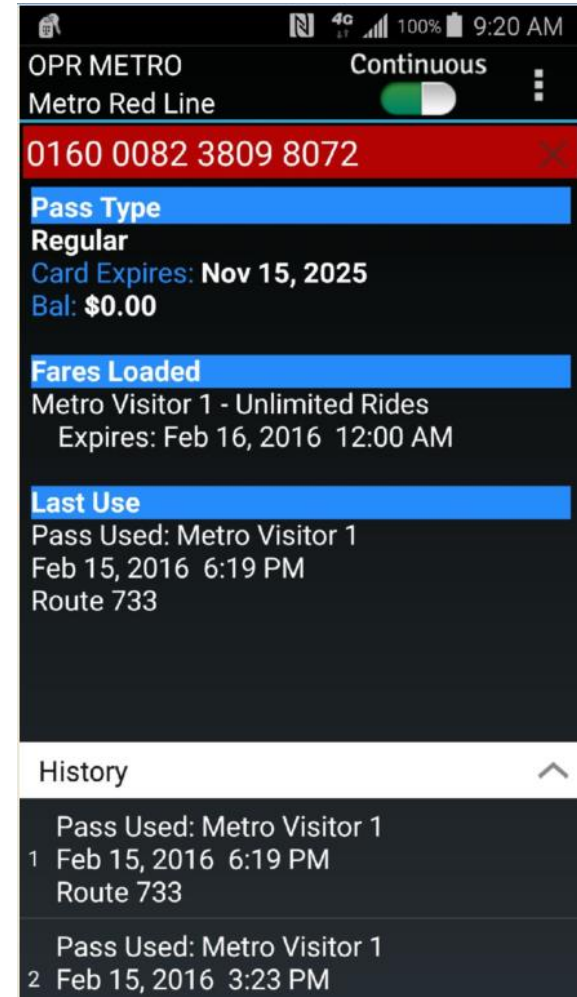


Officer Productivity

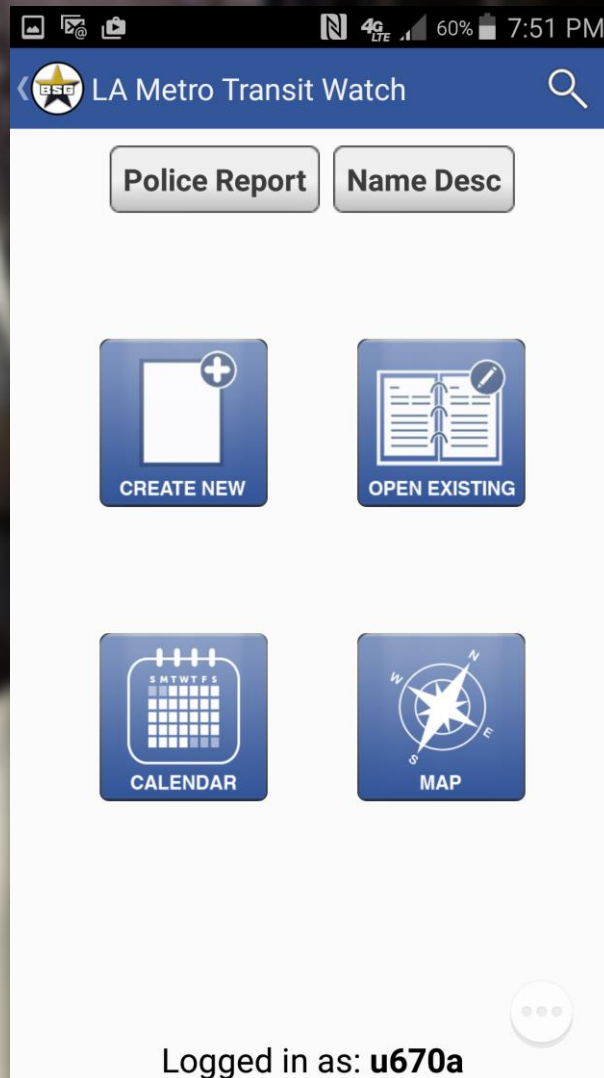
In order to provide uniform presence throughout the system, we are exploring Beacon technology.

- Similar to QR code, but doesn't require inspectors to scan in/out.
- Beacons transmit via Bluetooth Low Energy (BLE) providing specific location of the inspector for the duration they are in range.

Beacon technology will allow us to monitor and deploy resources to perform platform and building inspections. As well as track bus and train rides.



Transit Watch Officer Application



Police Report:

View current reports

Name Desc:

Can sort incidents

Create New:

Incident Reporting

Open Existing:

Can see all incidents assigned to this unit

Map:

GPS Location of field units and incidents reported.

Transit Watch Officer Application

Create Report

View Assigned Calls

Accountability

New SUBMIT

WHAT

Take Photos 0 photos

Call Type *

Tag # *

Type of Incident

Incident Description

WHEN

Incident Date * 1/5/16 8:00 PM

WHERE

Incident Location

LA Metro Trans... Search + Refresh

Police Report - 2 of 2 results

Report 16-00035 (open)
Radio
20365 V a Medici
1/5/16 09:14 PM

Report 15-00025 (new)
App
110 W 1st St
12/22/15 02:14 PM

Add Activity SUBMIT

Activity:

Photos:

- Ack Radio
- 97-On-Scene
- 98-Clear
- Clear
- Acknowledge
- Close
- Reassign
- Refer



Metro

To provide excellence in service and support

Video Analytic

Turnstile Hopping

ADA Gate Intrusion

Unusual Behavior



Meeting The Agency Goals

Improved Response Time:

Real-time mapping of incident location and field unit location allows for “distance to incident” analysis for effective deployment of field units per shift that leads to reduced response times to high volume incident locations.

Advance Safety and Security for our customers, public, and Metro Employees

Increase transit use and ridership

Exercise fiscal discipline to ensure financial stability

Mobile Applications & Video Analytic

Improve the customer experience and expand access to transportation options

Enhanced Security & Law Enforcement Presence

Strategic deployment of law enforcement and security to enhance visibility.

Contract Compliance:

Instant access to real-time in-service unit lists and reporting of individual field units.

