



Las Vegas Metropolitan Police Department Drone as First Responder



DFR Lieutenant
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What is DFR?

Drone as First Responder

- Active Incidents
- Aerial Overwatch
- Real-Time Intelligence
- Rapid Response

Call Dispatched

Drone Launched

Real Time Intel

Officers Arrive

Nearly 70% of the time, the drone arrives on scene before patrol units.



LVMPD Drone History



October 1, 2017

First UAS mapping mission of the Route 91 festival grounds



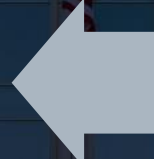
2023

Mobile DFR experiment



October 2024

Project Blue Sky begins to build a comprehensive remote and mobile DFR program.



January 07, 2026

Drone Operations Center official launch

DFR Approach



Mixed Staffing Model

- 2 Commissioned Supervisor/Sergeants

Pilots:

- 6 Commissioned Police Officers
- 10 Civilian Remote Pilots

Seven-day Coverage

- Dayshift: 0700 – 1700 hours
- Swing Shift: 1430 – 0030 hours



Mission Priority

Make patrol safer and faster

DFR Coverage Map



- 12 Dock Locations
- 38 Remote Drones
- 16 Mobile Field Drones

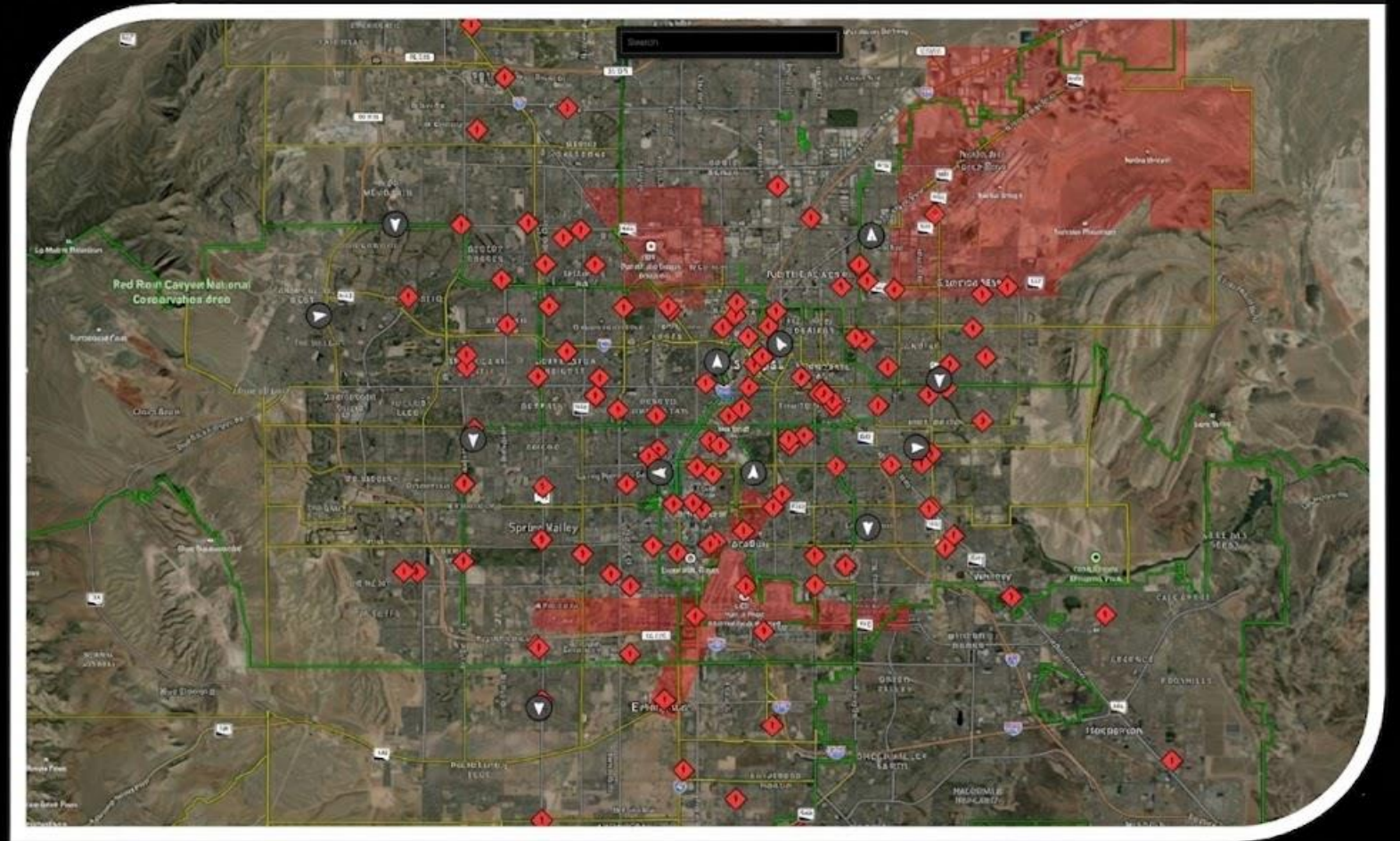


Approximately 130 square miles
Of coverage

DFR Operations



- Pilots and Officers can view Computer Aided Dispatch (CAD) calls in real time
- Calls appear as they are reported by victims or callers
- Drones are dispatched to a mapped incident location

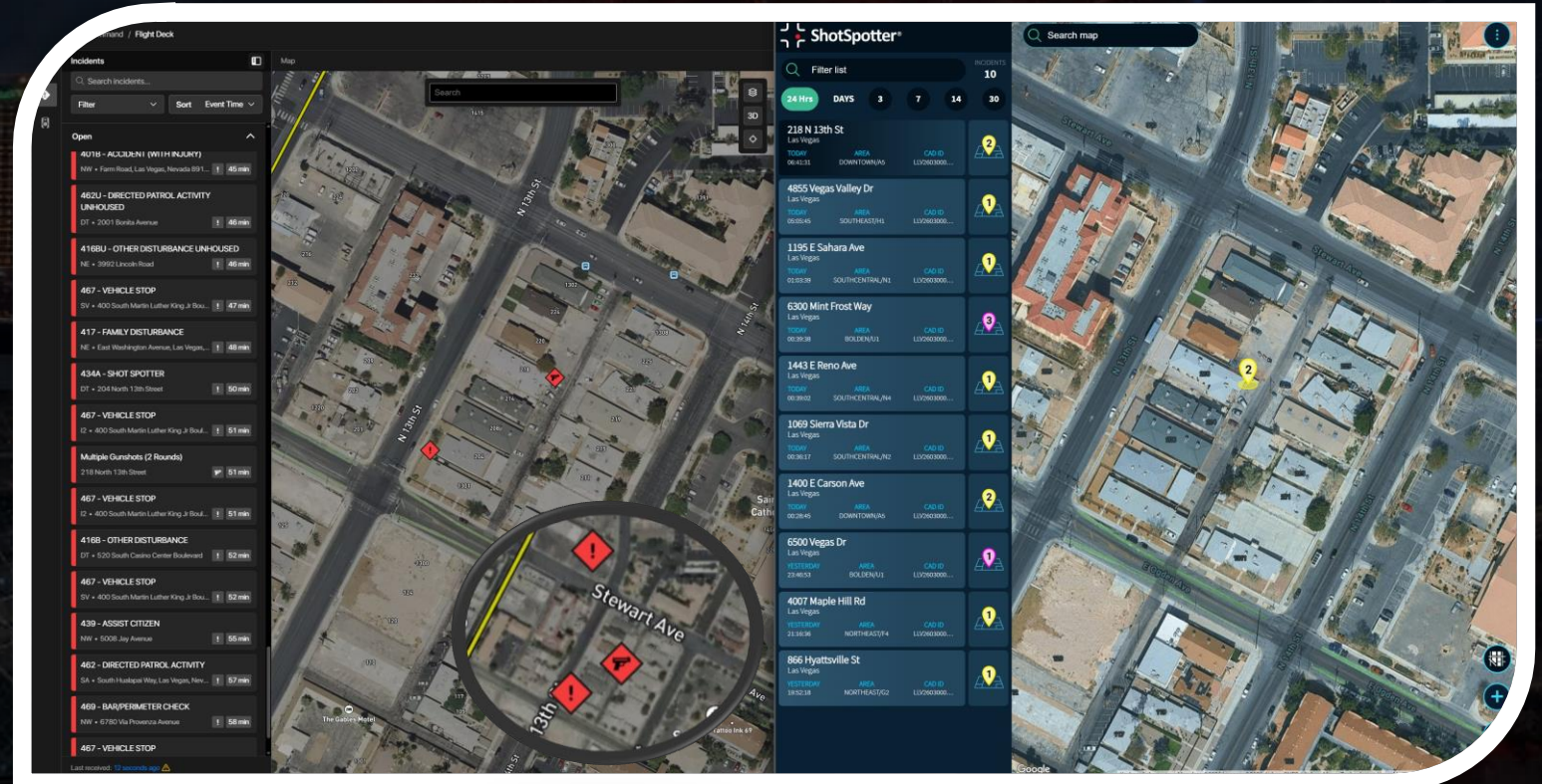


NON
EMERGENCY

ShotSpotter Integration



- ShotSpotter API integration provides real-time gunshot detection alerts directly to DFR pilots.
- A map marker automatically appears on the dashboard, indicating the reported shooting location.





Skydio Multi-drone / Ready Links

For long-duration incidents, a single DFR pilot can now summon a second drone to fly to the target location and relieve a drone that is running low on battery.



(Auto) (DTAC Drone 3) Skydio X10-ah2r Live Stream

This link is active until 8:17AM tomorrow.

Search distribution lists or people

Send

Copy ReadyLink

12:30 Skydio Cloud

cloud.skydio.com/shared_link/qttIU

(Auto) (CCFD 27 Drone 2) S

Share ReadyLink

William McLellan LIVE

CCFD 27 - Dock 2

Thermal

Flight Deck

Currently Piloting (4)

- LIVE SkydioX10-368F X10Doc033 (HQ) 86% [Battery]
- SkydioX10-d73r X10Doc056 (HQ) 88% [Battery] [Linked Operator]
- SkydioX10-17yh X10Doc022 (HQ) 87% [Battery]
- SkydioX10-2a3a X10Doc044 (HQ) 91% [Battery]

Online (2)

- SkydioX10-1x6t Coop 191 (Fort Collins) 92% [Battery]
- SkydioX10-5d3 Coop 190 (Fort Collins) 98% [Battery] [Online]

Map showing drone positions and flight paths over a residential area.

Multiple camera feeds showing various views:

- Mode Switch In Progress
- Flying Mission
- Tracking Subject
- Thermal view
- Wide area view

Link can be Sent to Work Email or Available via QR Code from Controller



2023 Stats

2080 Flights
485 Hours
170 Missions

2024 Stats

3785 Flights
1040 Hours
729 Missions

2025 Stats

10564 Flights
2496 Hours
8874 Missions

2024-2025

↑ 179.1%
↑ 140.0%
↑ 1,117.6%



LVMPD Mission and Flight Hours

Flight Operations Snapshot

Drone activity, dispatch impact, and fleet performance — sourced from the Skydio flight log.

Reporting period: Jan 1, 2026 – May 7, 2026

9,782 flights

Updated May 7 · 7:15 AM

REPORTING WINDOW

All Data

This Month

Last 30 Days

Last 90 Days

This Year

TOTAL FLIGHTS

9,782

Across 126 operational days

FLIGHT HOURS

1,929

Avg 11.8 min / flight

DISPATCH CALLS

6,066

Calls for service supported

FIRST-ON-SCENE RATE

70%

4,238 of 6,052 measured calls

ARRESTS ASSISTED

442

Drone helped make the arrest

FIRST ON SCENE RATE

70%

4,238 of 6,052 measured calls

PURE DFR CLEARANCE

8.3%

491 calls cleared without patrol

ARRESTS ASSISTED

442

drone helped make the arrest

PERSONS LOCATED

1,928

535 vehicles also located

Fusion Watch

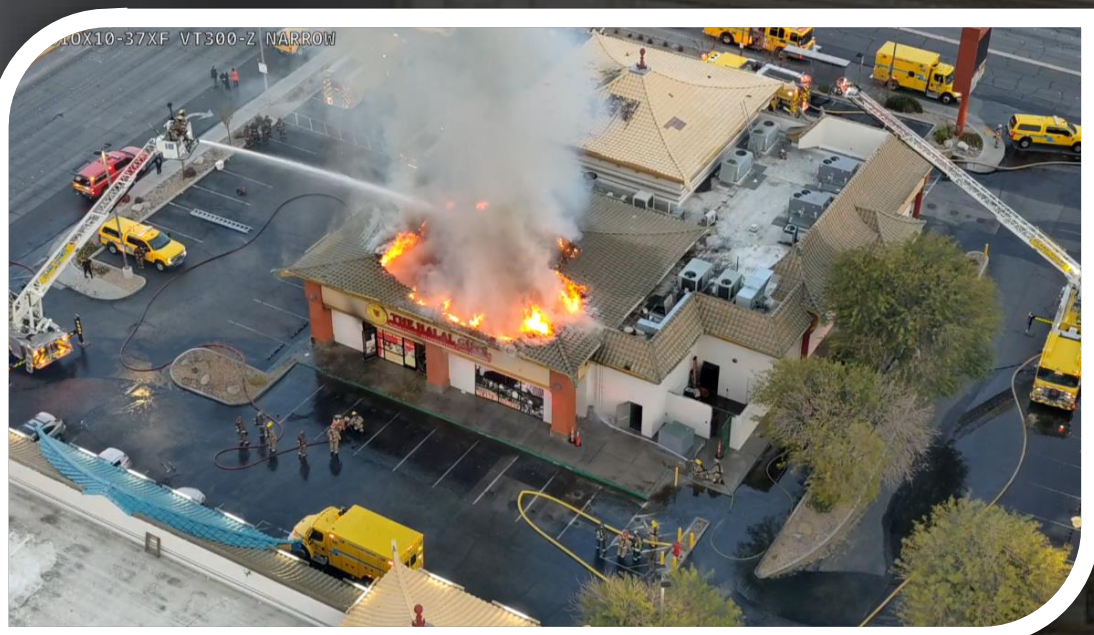


- Real-Time Crime Monitoring utilizing camera feeds
- Gunshot Detection Technology (ShotSpotter)
- Intake and Processing of Suspicious Activity Reports
("See Something, Say Something")
- Automated License Plate Reader (ALPR) Program
- Facial Recognition Technology
- Incident and Investigative Support (Tactical Work-Ups)
- Crime Pattern Monitoring and Analysis
- Social Media Monitoring (Public Assemblies and School Threats)
- Valley-Wide Information Sharing and Coordination

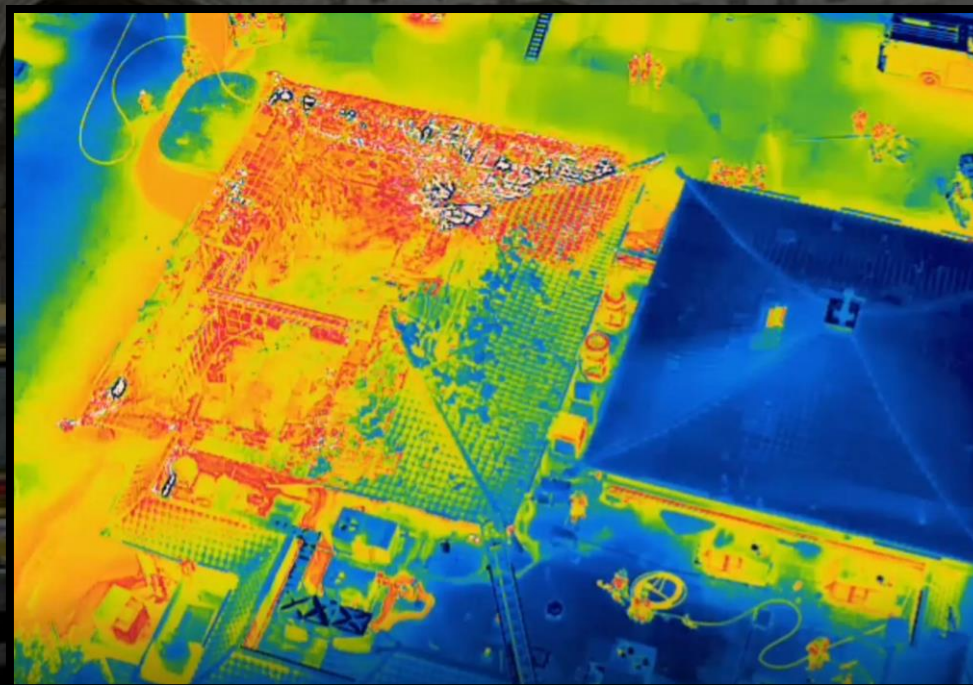


LVMPD Partnerships

Clark County FD



- Partnership with local fire departments
- Respond to active fire related calls
- Ability to share a live drone feed to FD leadership on scene
- Ability for FD to toggle between Color and Thermal, assisting firefighters with undetectable hotspots





hollywood

DFR Events



RiSE

LANTERN FESTIVAL

3:37 -0700
I-VT300-Z NARROW



20,000 attendees per night / 3-day event

October 2025



CONEXPO-CON/AGG Construction Trade Show



Approx 140,000 Attendees (24,000 International Attendees)

March 2026



More Than 30,000 Attendees

February 2026

/// LAS VEGAS

2026

NASCAR CUP SERIES



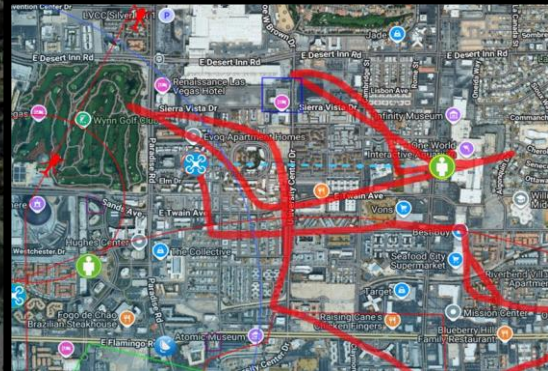
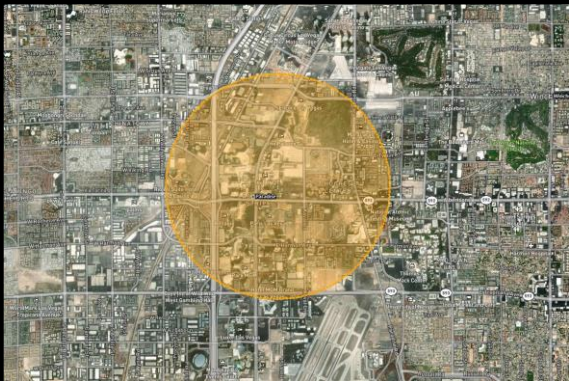
80,000-100,000 Spectators

March 2026



Drone Enforcement / DedroneCity

Over 300k Spectators



New Year's Eve – *America's Party*



Approx 340,000 Attendees (Over 150,000 Hotel Rooms Booked)

Transparency



- Flight data is publicly available on our public facing LVMPD website
- Performance Details are Captured to Analyze and Ensure:
 - Effectiveness
 - Efficiency
 - Safeguard Rights and Liberties
- In adherence to privacy standards, LVMPD strictly follows policies that prohibit drone operators from intentionally capturing or transmitting images of any location where individuals would reasonably expect privacy, unless authorized by a warrant issued by a judge or in **emergency situations**.

Las Vegas Police AIRDATA

Search by address

Large Map

UAS Program
Historical Flight Data

Date	Time	Location
Jan 2026	(1110)	
Dec 2025	(1588)	
Nov 2025	(1310)	
Oct 2025	(1312)	
Sep 2025	(778)	
Aug 2025	(544)	
Jul 2025	(319)	
Jun 2025	(308)	
May 2025	(345)	
Apr 2025	(298)	
Mar 2025	(239)	
Feb 2025	(413)	
Jan 2025	(36)	

Map 1: 1-22-26, 1:21pm, 150 N Nellis Blvd

Map 2: 1-22-26, 1:19pm, 3750 Cecile Ave

Map 3: E Vegas Valley Dr

Map 4: Sierra Vista Dr



Questions?

Email: UAS@lvmpd.com