

Surveillance Impact Report

Automatic Resource Location (ARL) System

Oakland Fire Department

A. Description

The Automatic Resource Location (ARL) System collects the geographic location of a vehicle assigned to the Department and affixed with a Mobile Data Terminal (MDT) system. The ARL system transmits data about the vehicle to a user interface and database.

B. Purpose

The ARL System can be used for the following operational purposes:

- ❖ Locating resources in the event of an emergency or when non-responsive to radio traffic;
- ❖ Locating a vehicle that may be involved in or in close proximity to an incident;
- ❖ Locating lost or stolen vehicles equipped with this technology;
- ❖ To coordinate the Department's response to critical incidents.

C. Location

The ARL system will be part of the Department's Computer Aided Dispatch (CAD) system. ARL data will be reported from the MDT computer system installed within Oakland Fire Department Vehicles. ARL data will be transmitted while a Department unit is logged into the CAD system. Department vehicles affixed with MDTs are located throughout the City, and in some cases, throughout the region, when needed.

D. Impact

There is no direct impact on the Civil Liberties or privacy of the residents of Oakland through the use of this technology. All data, generated by OFD's Computer Aided Dispatch (CAD) ARL System is for the primary purpose of allowing the Department to recommend and dispatch the most appropriate resource with the required capabilities for emergency responses with the intent to meet total response time objectives. The ARL system will allow for a more comprehensive and coordinated response to certain critical incidents and natural disasters. ARL data will not be used in a manner that is discriminatory, viewpoint based, or biased based.

E. Mitigations

The Department will conduct an assessment of the technology and analyze any negative impacts if they are discovered during the annual report.

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F. Data Types and Sources

The ARL system uses the GPS data location of a unit that is affixed with an MDT and logged into the CAD system.

G. Data Security

Only authorized users with a need to know and a right to know will have access to the CAD system and associated ARL data.

H. Fiscal Cost

The ARL system is a default system integrated with the Motorola PremierOne CAD system. There is no additional fiscal cost associated with the system.

I. Third Party Dependence

The ARL system is part of the Motorola PremierOne CAD program. The Department will rely on Motorola support for technology related issues.

J. Alternatives

The only alternative related to the ARL system would be to deactivate the ARL feature within the CAD system. This would deactivate the GPS feature which would severely limit the efficacy and operation of the system and would reduce the operational capabilities of the Department.

K. Track Record

Almost every local agency in the nation has some form of GPS location data related to the position/location of its resources. This information is used to enhance the safety of its members by making it possible to dispatch additional assistance when a unit is not responding to their radios or is determined to be unable to provide their location for a variety of reasons. Many agencies have multiple GPS systems active related to their radio systems and CAD systems. This is a proven method of ensuring operational efficiency, while also allowing for enhanced command and control surrounding public safety efforts. The Department is unaware of any instance of ARL systems negatively impacting the privacy and Civil Liberties of the public.