



# Unleashing Deccan: ADAM Wows Community Leaders

The San Bernardino County Fire Protection District is responsible for nearly 20,000 square miles of the largest county in the United States, and they rely on Deccan to aid them in providing exceptional service to their constituents. Their services to the county include first response ALS and EMS group/air transport, wildland and structure fire suppression, USAR (RTF-6), type-1 hazmat, ARFF, and water rescue firefighting (fire boats). Operating in an all-risk service environment such as this calls for the ability to make data-driven decisions every step of the way.

At the Annual Deccan User Conference, Fire Chief Dan Munsey, of the San Bernardino County Fire Protection District (SBCoFPD), shared five powerful ways Deccan tools can be used in any department, as well as how SBCoPD is using Deccan's Apparatus Deployment Analysis Module (ADAM) for fire station modeling across the county.

**“Using Deccan you can clearly communicate to your elected officials – the data doesn’t lie. You could make the best emotional plea you’ve ever heard, but all they want to know is whether or not you’re making data-driven decisions.”**

**- Dan Munsey, Fire Chief, San Bernardino County Fire Protection District**

## About ADAM:

Deccan's ADAM (Apparatus Deployment Analysis Module) is a "What if?" predictive modeling tool that uses historical CAD data, GIS map data and a rigorous operations research-based algorithm to project the impact of deployment changes on response times and unit availability. The right information at the right time is critical to effective decision making. ADAM's powerful deployment analysis capabilities deliver the scientifically-justified predictive modeling that departments need for decision making, reporting, and planning activities.



## 5 Ways ADAM Wows:

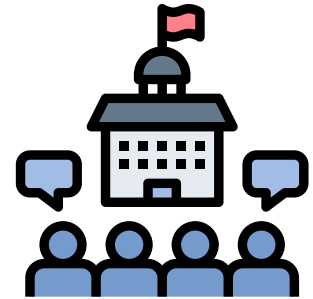
### It Provides a Roadmap

Deccan analytics don't lie; they simply reveal the good and the bad, and help you plan for the challenges ahead. Deccan applications provide real-life solutions to the critical questions you need to ask for your agency to develop into the best version of itself, helping you create the roadmap to your future.



### It Removes Politics

Every fire department deals with elected officials, and therefore every fire department is no stranger to bias in the decision-making process. Using Deccan applications, you can present the data via easy-to-interpret, color-coded maps in support of your evidence-based decisions.



### It Helps You Evolve

The fire service and its model of doing business is ever-changing, and so are our communities. As leaders, you require the best tools possible to help your department keep pace with these changes without sacrificing service to your community. Your jurisdictional boundaries, response time expectations, and service delivery ideals are constantly evolving, Deccan applications can ensure you're evolving in the right ways.



### It Checks "Gut Feeling"

Deccan removes "because we've always done it that way" from the decision-making process. Deccan's unique ability to account for both historical and projected response times provides the objective, scientifically-based data you need.



### It Doesn't Misinterpret the Data

Big data can help us understand where and how we can be more efficient in ways we might not necessarily understand on our own. It can be tempting to look at data in black and white. Deccan uses powerful, operations research-based algorithms that you can count on to provide you with unbiased data.



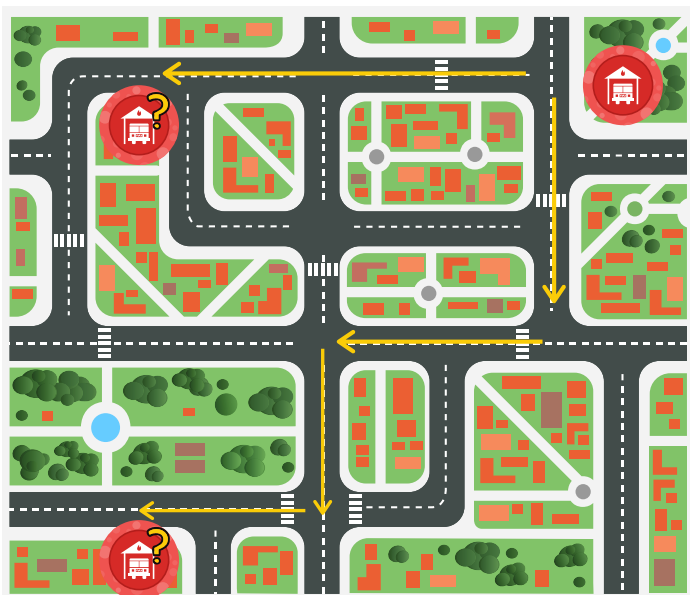
## A Look Behind the Scenes at How SBCoFPD is Modeling Projects:



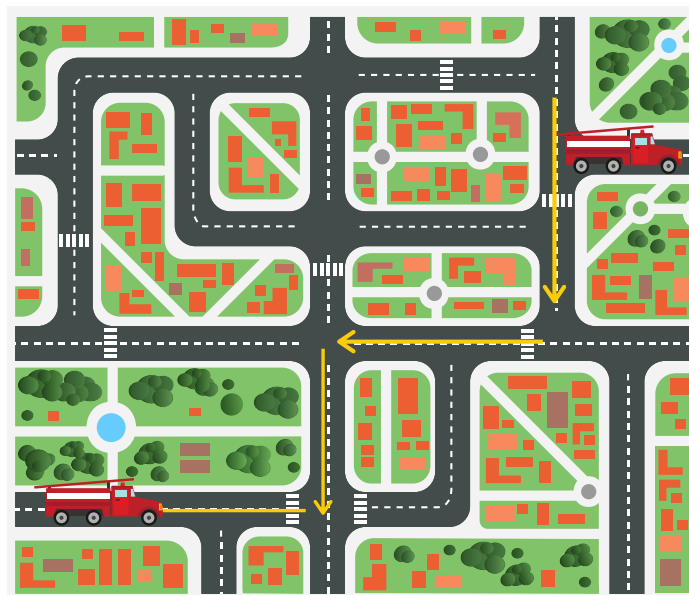
**City of San Bernardino:** Modeling five new fire station locations and determining the ideal locations for engines, trucks and squads.



**City of Fontana:** Modeling the location for two new fire stations based on response time expectations and an expanding community, due to both industrial and single-family residence growth.



**City of Hesperia:** Modeling the optimal site for a station relocation to provide the best response times possible while accounting for equity of service across the jurisdiction.



**High Desert:** Modeling the relocation of a Battalion Chief quarters to provide the best geographical coverage with an emphasis on response time reductions.