

# Idaho Falls Fire Department Uses Deccan's ADAM to Improve its ISO Rating

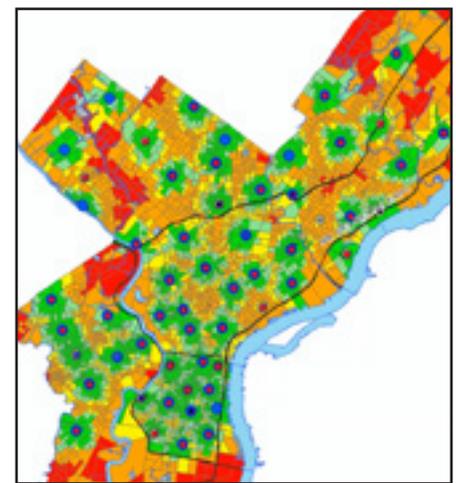
**Learn how the Idaho Falls Fire Department achieved its highest ISO rating to-date with the use of predictive technology and meaningful data. From planning the construction of a new headquarters to strategizing optimal deployment plans for response teams, learn more about how fire leadership overcame their challenges to improve operations.**

Idaho Falls Fire Department (IFFD) – a full-service operation with a dedicated Fire and EMS division – covers a response area of approximately 2,500 square miles. With a large footprint and staff to support the community, IFFD wanted to ensure a plan was in place to provide the best possible response and outcomes for the community.

IFFD identified three key issues that needed to be addressed:

- 1) Identify and plan the location of a new fire station and headquarters,
- 2) Develop an effective and efficient deployment system for the new location, and
- 3) Establish the need for additional staffing to improve coverage and response.

The department decided to partner with Deccan International to use innovative technology to best analyze existing data and potential future scenarios to address each of these topics.



Pictured:  
Deccan ADAM (Apparatus Deployment Analysis Module) Application

## **Idaho Falls Fire Department**

Population: 108,000

Response Area: 2,500 sq miles

Career Firefighters: 132

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— Dave Hanneman, Ret. Fire Chief  
Idaho Falls Fire Department

First, when building a new headquarters, it was important to IFFD leadership that the location allowed for the best mobilization of units both now and in the future as the coverage area grows and changes. The department used CAD data and Deccan International's Apparatus Deployment Analysis Module (ADAM) software to develop a variety of models for analysis, allowing leaders to determine strategic placement in the busy city.

Simultaneously, IFFD modeled different scenarios within that area to map the most effective deployment plan for its fleet to achieve efficient response times.

"The Deccan model allowed us to really pinpoint the right place for our station to achieve the most efficient response times possible," said Ret. Fire Chief Dave Hanneman, Idaho Falls Fire Department.

Using Deccan's ADAM, analysis of the available data revealed gaps in coverage in local EMS responses. This credible summary of information helped department leadership obtain city official approval to add personnel and more ambulances to be dispatched to critical cases.

Because of these improvements, the fire department was able to provide the proof needed to meet the standards for increasing its Insurance Services Office (ISO) rating – from a Class 3 to a Class 2, which acknowledges the efficiency of the fire service and helps to significantly reduce homeowner insurance rates throughout the city.

IFFD leadership harnessed the power of predictive technology to strengthen the department's overall performance and ensure operation at the highest level for the greater good of the Idaho Falls community.

**Class 2****Class 3**  
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Idaho Falls  
Fire Department  
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ADAM's predictive  
technology to  
improve their ISO  
rating from a  
Class 3 to a Class 2