

SituationAnalyst Guide



February 2016

SituationAnalyst - Guide

Table of Contents

Introduction	3
What Is It? Who Should Use It?	3
Requirements	3
Features	4
Viewstates.....	4
Primary Map View and Menu.....	4
Main Menu	5
Interacting with Features on the Map	6
Adding Data to SituationAnalyst	6

SituationAnalyst - Guide

Introduction

This guide familiarizes users with SituationAnalyst (SA) for the Fire EGP. The guide introduces Fire EGP users to SA and its capabilities and components. Additional questions about how to use SA can be answered by using the “Contact” page and form on the Fire EGP website at <http://egp.nwccg.gov>.

What Is It? Who Should Use It?

The SituationAnalyst (SA) application is an incident command and decision maker’s tool for viewing, analyzing, and sharing information on current fires.

SituationAnalyst includes all of the Fire EGP content combined with decision support and analysis tools for response planning, fire mapping, risk assessment, and data sharing. Data and analysis generated in SA is shared across the EGP systems.

SA supports operational and tactical decision making in two ways:

1. Presenting a common set of viewable and relevant data layers
2. Providing a suite of tools that allow users to share, analyze, and act on the data.

Requirements

Requirement	Description
Internet Browser	SA is supported in current browsers including Microsoft Internet Explorer, Google Chrome, Mozilla Firefox, and Apple Safari.
Fire EGP Account	Users will need an authorized Fire EGP account with username and password.

SituationAnalyst - Guide

Features

The HTML5 version of SituationAnalyst provides a full set of functionality to users on desktop and mobile devices. Functionality is focused on providing detailed incident data, collaborative mapping, geospatial analysis and reporting for mobile as well as desktop users.

Viewstates

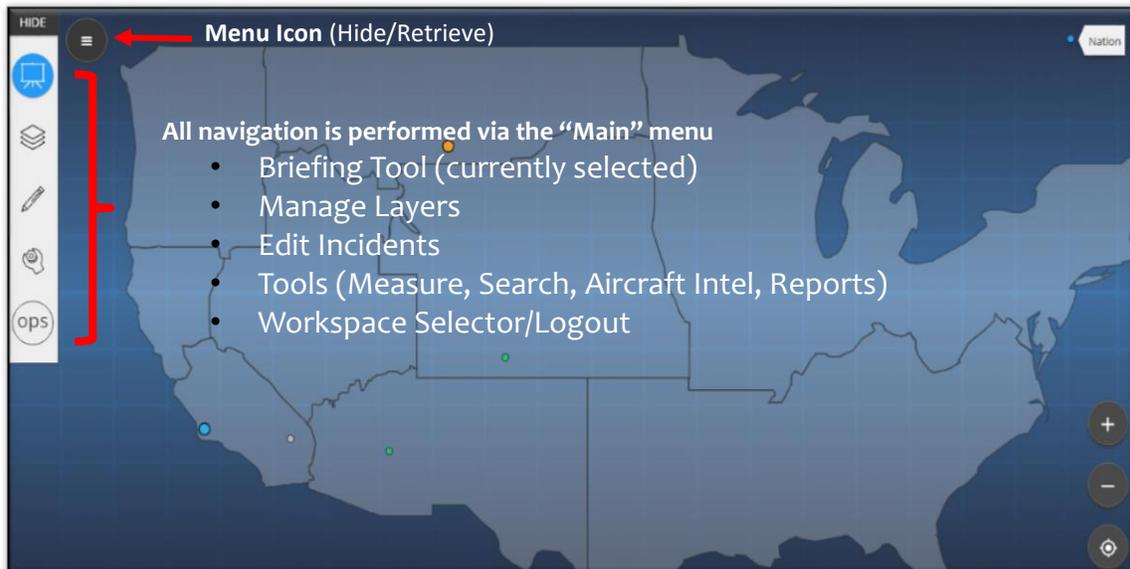
Data and tools within SituationAnalyst are grouped into workspaces that are tailored to specific functions across the NWCG.

- Active Incidents
- Intelligence and Resources
- Predictive Services
- Fuels and Planning
- Aviation
- Natural Hazards

Primary Map View and Menu

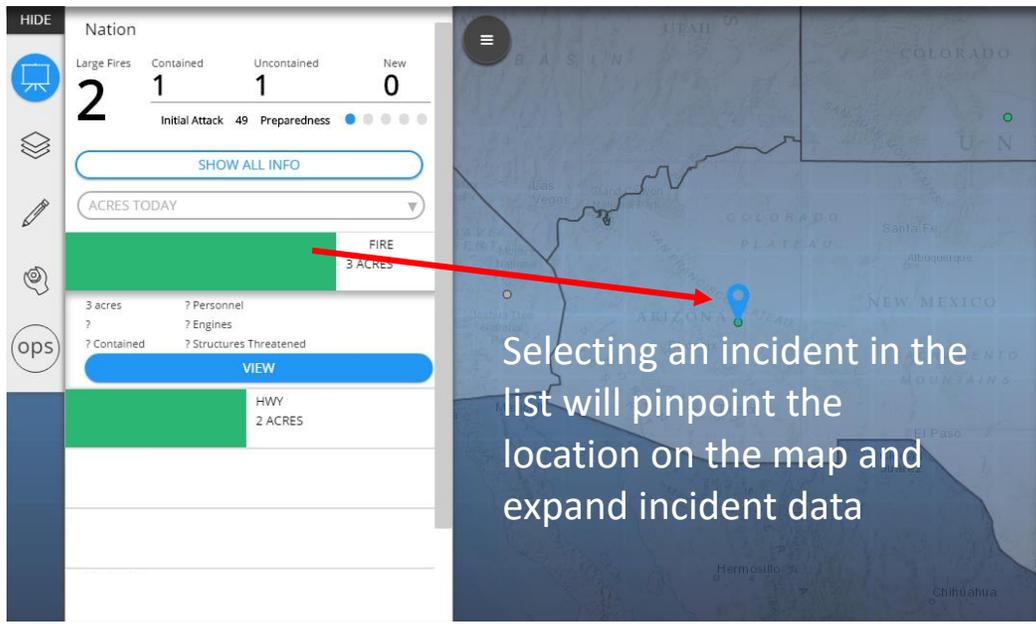
The basic display of SituationAnalyst is a map, with a wide array of data and tools accessible using a menu bar that is located on the left border of the screen. All tools, data, and functions are coordinated using this menu bar which can be hidden or retrieved with the menu icon.

SituationAnalyst: Primary Map View



Incident View is automatically “on” displaying all active incidents entered in the editing tool or from IAP map uploads.

SituationAnalyst - Guide



Main Menu

- HIDE → Select to hide or display the menu
-  → **Briefing:** displays all incidents,
-  → **Layers:** turn layers
-  → **Add/Edit:** add/update information for an
-  → **Tools:** measure, review additional
-  → **Me:** identify and change your workspace, sign out
-  → **Legends:** available for each active layer

SituationAnalyst - Guide

Interacting with Features on the Map

Tap or (left) click will display detailed data for an incident. Zoom levels affect what is presented on the map layer.

The screenshot shows the SituationAnalyst interface. On the left is a sidebar with a 'HIDE' button and various icons. The main area is divided into two panels. The top panel, titled 'WHITE', contains incident details:

Incident #:	2015
Incident Size:	XX
% Contained:	XX
Team Type/Complexity:	XX
Sit-209 Report Date:	
Sit-209 Report Status:	
Incident Type/Kind:	WF/FI
Estimated Cost to Date:	
Cause:	
Total Personnel:	

The bottom panel contains additional details:

Discovery Date:	8-1
Cause:	
Dispatch Center:	
Local Incident ID:	XX
County:	
Land Owner:	
Jurisdictional Unit:	
Last Time Information Modified:	firecode, 8-2 00:10

Below this are fields for Fatalities, Injuries, Residences Destroyed, Residences Threatened, and Other Structures Destroyed.

The right panel shows a topographic map with a location pin. A zoom level indicator is visible in the top right corner of the map area, showing 'Nation' and 'Southern California'. A red arrow points from the text 'In Briefing, Tap or (Left) click on map features for additional data.' to the location pin. Another red arrow points from the text 'To return additional incidents, select the zoom level for the area you want to display.' to the zoom level indicator.

Adding Data to SituationAnalyst

There is generally one way to add data to SituationAnalyst:

- Drawing or copying features using the Operational Markup Tool – By using the Operational Markup Tool, users can ‘mark up’ the map with up-to-date fire perimeter and response information. This information is shared with other users of the EGP.

SituationAnalyst

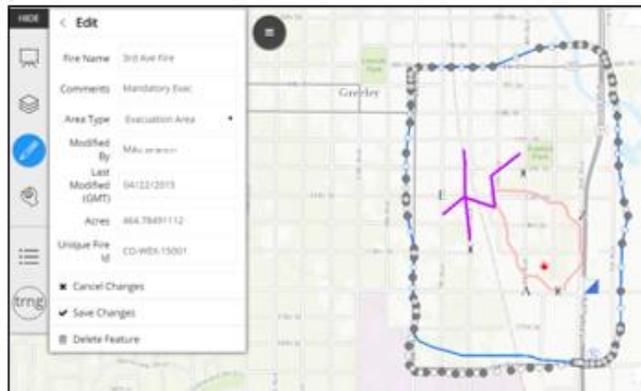
Tool Overview

- ❑ The Editing Tool can be activated in two ways
 - ❑ Selecting an editable feature
 - ❑ Choosing  Add/Edit from the gray menu.
- ❑ Editing an existing feature is performed by
 - ❑ Tapping on the map feature and
 - ❑ Adjusting its layout by
 - Selecting a point on the feature or
 - Editing the descriptive text.
- ❑ Adding a new feature is done by
 - ❑ Selecting a feature type and
 - ❑ Placing it on the map.

SituationAnalyst

Editing an Existing Feature

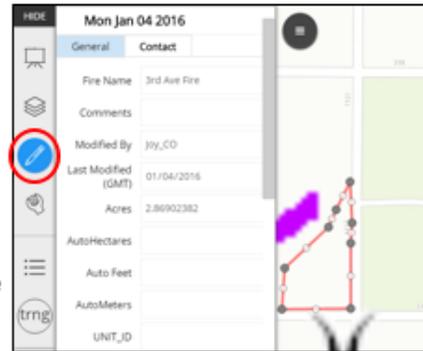
1. Select an existing feature.
2. Tap 'Edit' at end of the list on the info pane.
(You may need to scroll down to see 'Edit'.)
3. Edit the feature information.
4. Adjust feature
(select and move points).
5. Select 'Cancel',
'Save' or
'Delete'.



SituationAnalyst

Adding a New Feature

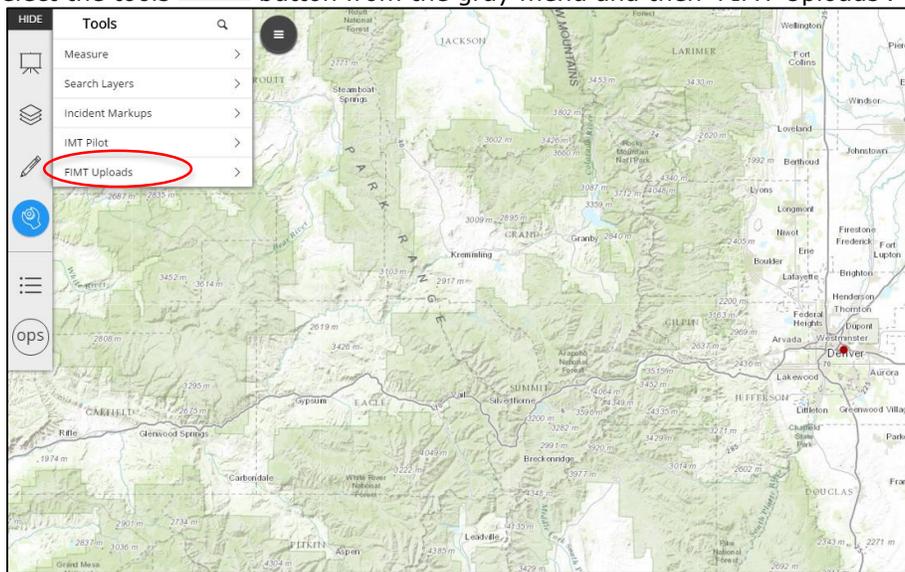
1. Select  Add/Edit on the gray menu.
2. Choose a feature type
 - Point Features – select feature and tap on map
 - Line/Polygons – select feature, tap on map and draw the feature, double-tapping to finish.
3. To adjust attributes, tap on newly added feature and type information in the spaces provided.
4. Select 'Cancel', 'Save' or 'Delete'.



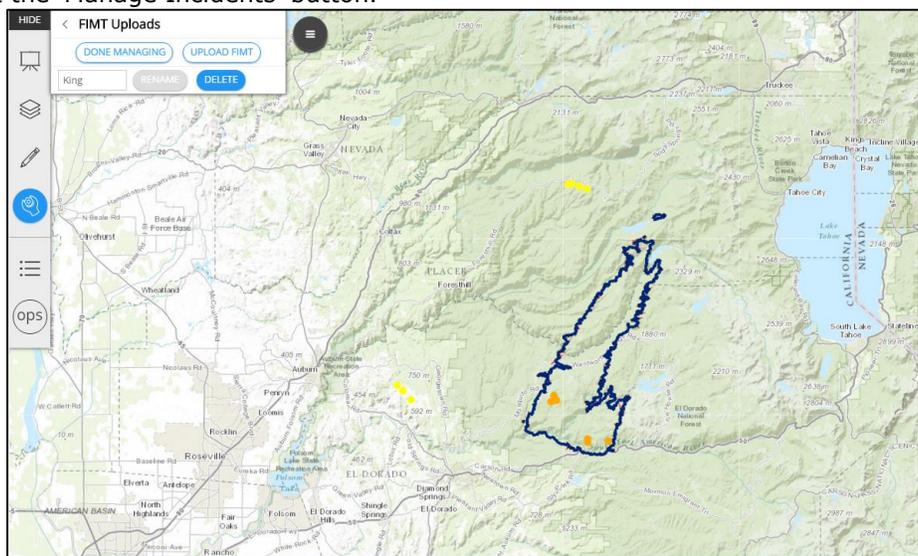
SituationAnalyst - Guide

With approved security permission, it is also possible to upload FIMT data to your view of SituationAnalyst.

1. Select the tools  button from the gray menu and then 'FIMT Uploads'.



2. Select the 'Manage Incidents' button.



3. Upload the FIMT geodatabase (select 'UPLOAD FIMT' and follow the steps as prompted).
4. To save your updates, tap or touch the 'DONE MANAGING' button.

NOTE: In addition to uploading FIMT files, 'Manage Incidents' gives you the chance to rename and/or delete an incident.