

PSIM Quick Start Guide

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Overview

PSIM provides a way to interact with Incidents in a very different manner than traditional Manitou. Traditionally Manitou presents these in a grid with each individual sensor treated as a single entity. We could roll these up into a single site view but still, it was just a grid of incidents. There was not a good way to see how these are related to each other or watch potentially watch signals progress to encompass other sites while ongoing incidents are happening. We worked to create a way to keep situational awareness of everything going on while still analyzing information to assist in decision-making process.

A few pre-requisites are needed:

- Licensing for PSIM
- Mapping provider API Keys configured in SWS
- Set "Incident Queue Display Style" to be "Detailed" in SWS Options as we will do the site roll-up in the client

The new PSIM functionality is ONLY in the Manitou Web Client. The legacy client was not updated with the enhancements.

The default view of the map is set by the workstation PC location. This may require approval by the browser the first time it is loaded. Look in the browser address bar for a location symbol.

Initial Setup

The PSIM improvements do require some initial data entry to provide the most powerful experience. This should be done as part of setting up the site account data. For the incident to be displayed on a map, it requires the GPS coordinates of the site be know. This is done as part of the Plans creation. Each Plan on the account can have a map polygon defined. Doing this for at least one plan will add the needed coordinates for the map-based view to function.

See the [Manitou - ManitouPSIM - PSIM Floorplans](#) for specific information on creating FloorPlans.

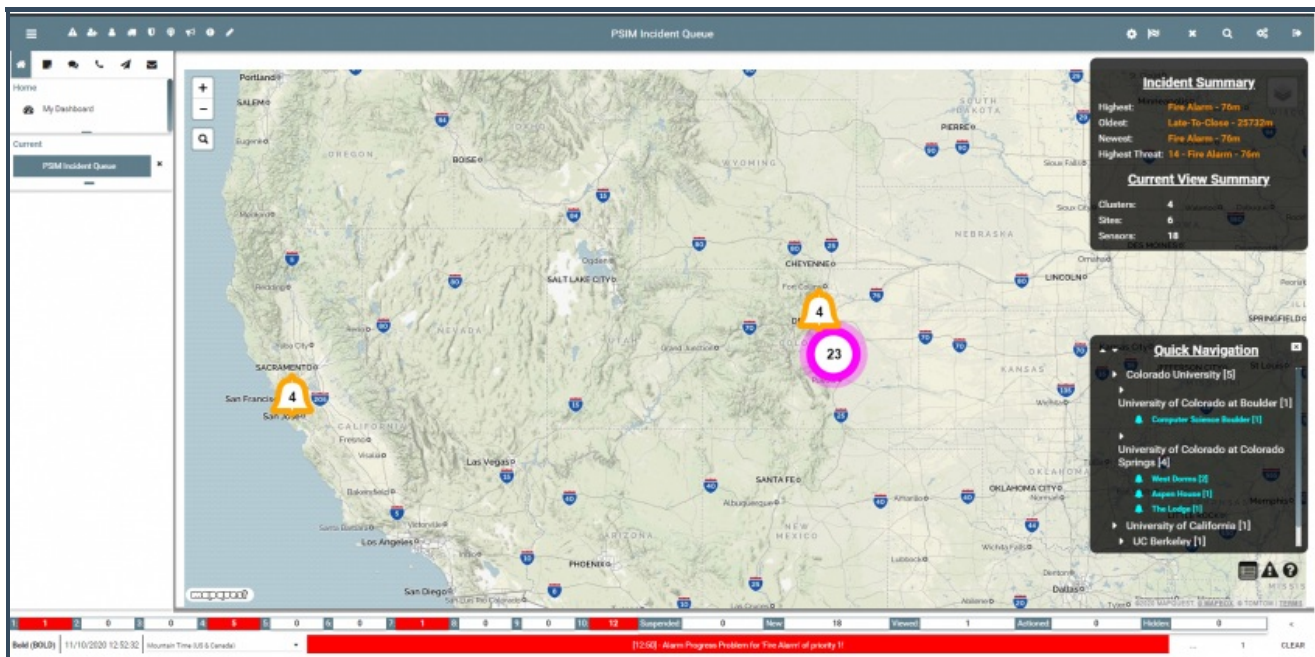
PSIM also functions best when sites are grouped under Clusters. The Clusters can be defined in a hierarchical tree. This brings a lot of power when using the Quick Navigation functionality in the map view. This is done by creating clusters and then assigning them to the specific site account.

Floor plans for the site can have one or more layers. Components such as Areas, Zones, Cameras, etc can be added to the floor plans. These will be visible from the alarm screen map (useful for a quick glance) or from the incident screen itself. These layers also contain the "blueprint" drawing of the building floor typically. These should be added upon account creation to make use of the power of PSIM functionality.

PSIM Operation

The heart of PSIM is now the PSIM Incident Queue. This is where the operator can keep situational awareness over a geographical region of their choosing. Setting the map zoom level controls the information displayed. We do provide means to keep some summary awareness outside of the map view so that if needed they can quickly adjust to handle new

situations.



This map-based incident queue allows the operator to quickly pull up relevant information for each incident without being overloaded with mass data until they need it. Each component provides some quick summary information and a way to dig deeper into any desired event. For full documentation on this, please review the [Manitou - ManitouPSIM - PSIM Map-based Alarm View](#) for greater details.

Videos

We have uploaded a video that was presented about halfway through the development. Some of the items shown are mockups for planned future work.