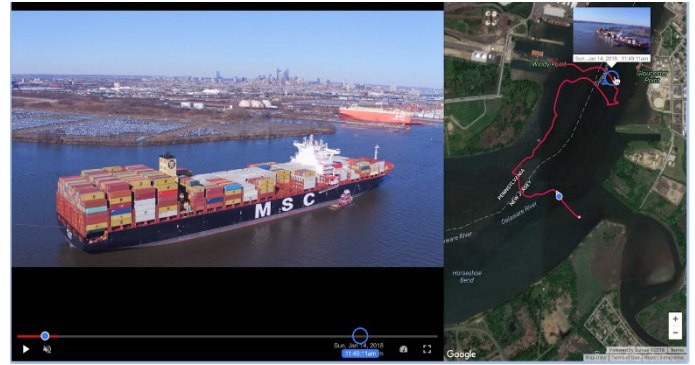
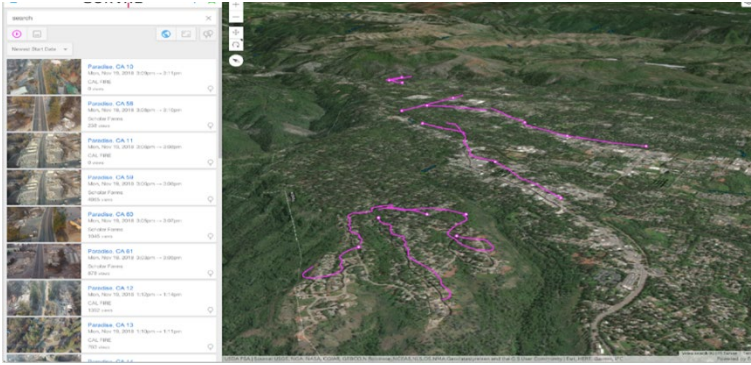


SpectralView from Spectral Sky



Manage the Unmanageable

Instant access to one petabyte (per node) of full motion video, imagery, and other sensor data on a single screen. Your entire archive presented geographically by UAV track, video filed of regard, sensor look off angle, and viewshed layered over a map of your choice.

What if you could:

- view your **entire archive** as a viewshed on a map of your choice?
- instantly search and play only video specific geographic location?
- know you have viewed all available intelligence related to a geographical point of interest?
- be sure all hardware and software was made in the USA. NO foreign components.
- work in austere locations without losing capabilities?

1 Single screen access to all your imagery

No more searching through tens or hundreds of video streams looking for the intelligence you need. Simply trace your pointer over any track to see live thumbnails from the video. Start playback from any point.

2 Real Time Decision Support

With instant access to all available video, Battle Watch Commanders can quickly build pattern of life analysis in time to re-task current mission assets. No more waiting days or weeks to learn that a suspect vehicle correlates with high value events.

3 Intelligent Edge Video Solution

Partnering with SoftIron, SpectralView can store one petabyte of FMV with 3X replication (seven years of 24x7 4K Video) in a ruggedized 5U footprint. Easy transport and set up for forward deployed locations. Vehicle and foot portable options under development.

4 100% made in the USA.

We own every piece of software from the first boot cycle and build it from source. We own every electronic circuit design and we manufacture and assemble it in house. We know the heritage on providence of the product inside and out.



As the operator zooms in and out, the streams on the left automatically update to only include videos within the new map FOV. The blue circle (A) is the location of the air vehicle and the pointer is the direction of the camera at that point in the flight. The magenta line (B) on the left side highlighting the bottom thumbnail changes to let the user know which video clip correlates with the selected flight path. Inside the viewing window is a still from that point of the flight. As the mouse is scrolled fore and aft along the flight path, video frames in the thumbnail view change to show stills from any point in the flight.

Double clicking the magenta line displays the select video in split screen mode.

This map is the second-generation view which adds video Field of Regard. The red path (A) is the sensor flight path. The blue circle and pointer (B) still represent the air vehicle and the direction of the camera's point. The yellow box (C) displays the FOV of the clip. In the next version, the orange will represent the FOR of the entire video clip (D).



Software



- Video management by Survae
- Get context for live & recorded video, imagery, and data with Google or Esri ArcGIS maps and timelines
- Visualize your data with time and location context, using map layers and timeline graphs.
- DJI and Parrot UAVs, GoPro and Garmin action cameras, and MISB-compliant thermal and visual spectrum cameras are supported.

Hardware



- Storage by SoftIron
- Multi-processor, Internal Flash/HDD Tiering, 1 RU
- 100W per 1 RU
- Track or restrict all file events by user, IP, Geo Location, and more
- Preconfigured and turned for read and write performance
- Wire speed throughput performance front-side and back-side networking

Contact Us

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