

# VNOMS™

## Noise and Operations Management System



### Noise and Operations Management Made Simple

- Simple, Intuitive Interfaces
- More Data Sources = fewer unknown aircraft
- Integrated Camera-derived Aircraft ID
- Best NOMS for airports with GA/Mixed traffic
- Verified aircraft operator database
- Lower Lifecycle Cost

### VNOMS: A Better Choice

Vector, the leading provider of automated aircraft identification and aircraft fee billing/collection systems, is proud to introduce a new, integrated noise and operations monitoring product, called VNOMS, to our growing suite of airport/industry products.

#### What use is flight track data without an aircraft ID?

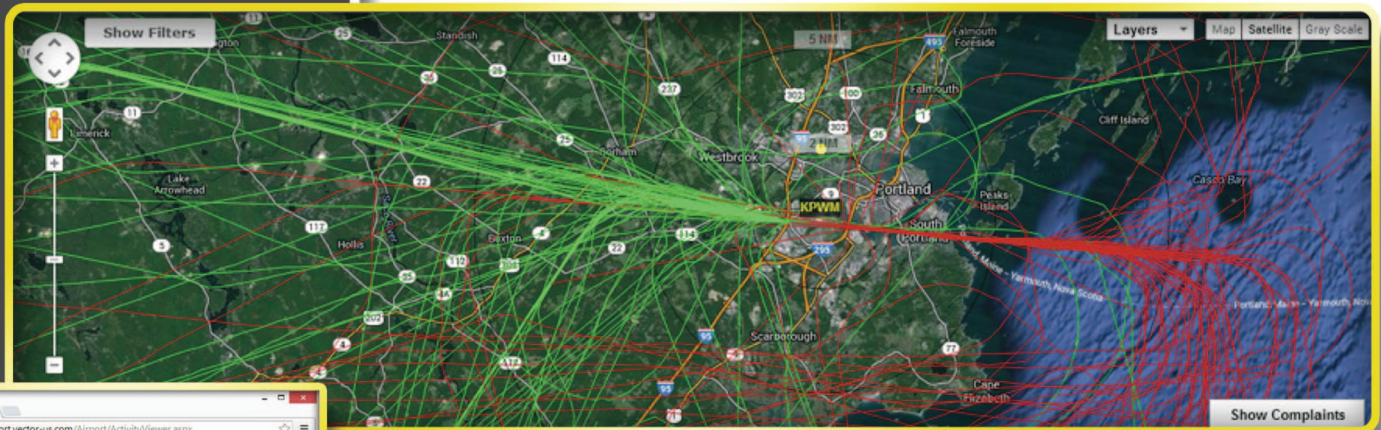
Other NOMS systems are driven by a single data source (radar data) and typically have an unidentified aircraft rate of 30% to 60% for operations at the airport including arrivals, departures, and touch-&-gos.

### VNOMS: More Data, More Aircraft IDs

To achieve a much better result, VNOMS fuses aircraft tracking data from three data sources:

- Vector aircraft ID cameras
- Vector transponder receivers
- Radar

The result is tracks with identified aircraft at a much higher rate - approaching 99%.



### VNOMS: Better Operator Data

VNOMS has one of the best aircraft operator databases in the world because Vector has a process to actively verify the actual aircraft operator versus simply using FAA aircraft owner registry.

### VNOMS: Better Results

These improvements enable VNOMS users to positively identify almost all aircraft operators, allowing their airports to better understand their traffic and improve communications with their pilot community.



## VNOMS Features

VNOMS is not your typical NOMS. It was developed for users like you and built from the ground up to be simpler, have fewer unknowns, and include only those features that provide maximum value.

### VNOMS features include:

- Real-time flight track display
- Historic flight track replay with rewind/fast-forward
- Public web portal with historic flight tracking
- Online public complaint entry form
- Intuitive, graphically-driven tabular aircraft operations display
- Operations search/filter and data export capability
- Multiple base maps and overlays
- Noise complaint scatter plots and heat maps
- Gate and corridor penetration analysis and reporting
- Noise complaint entry autofill and reporting
- Aircraft altitude profile report
- INM flight track output



**“** Vector's VNOMS solution was exactly what we needed to marry together our many disparate data sources. They took a complicated tangle of information streams and turned it into a user-friendly, precision tool which saves our organization time and money. The installation was a breeze and the Vector team makes sure the system meets and often exceeds expectation.

**Mike Cooke**  
Aviation & Community Services Manager  
Truckee Tahoe Airport District (TRK)




## NEXT STEPS

Contact Vector to have us perform a no obligation assessment of your airport's traffic profile and work with your staff to evaluate how VNOMS might be able to serve your airport's needs.

 [vector-us.com](http://vector-us.com)

 [sales@vector-us.com](mailto:sales@vector-us.com)

 703-817-7777 x 2