EXELIS

Information Systems
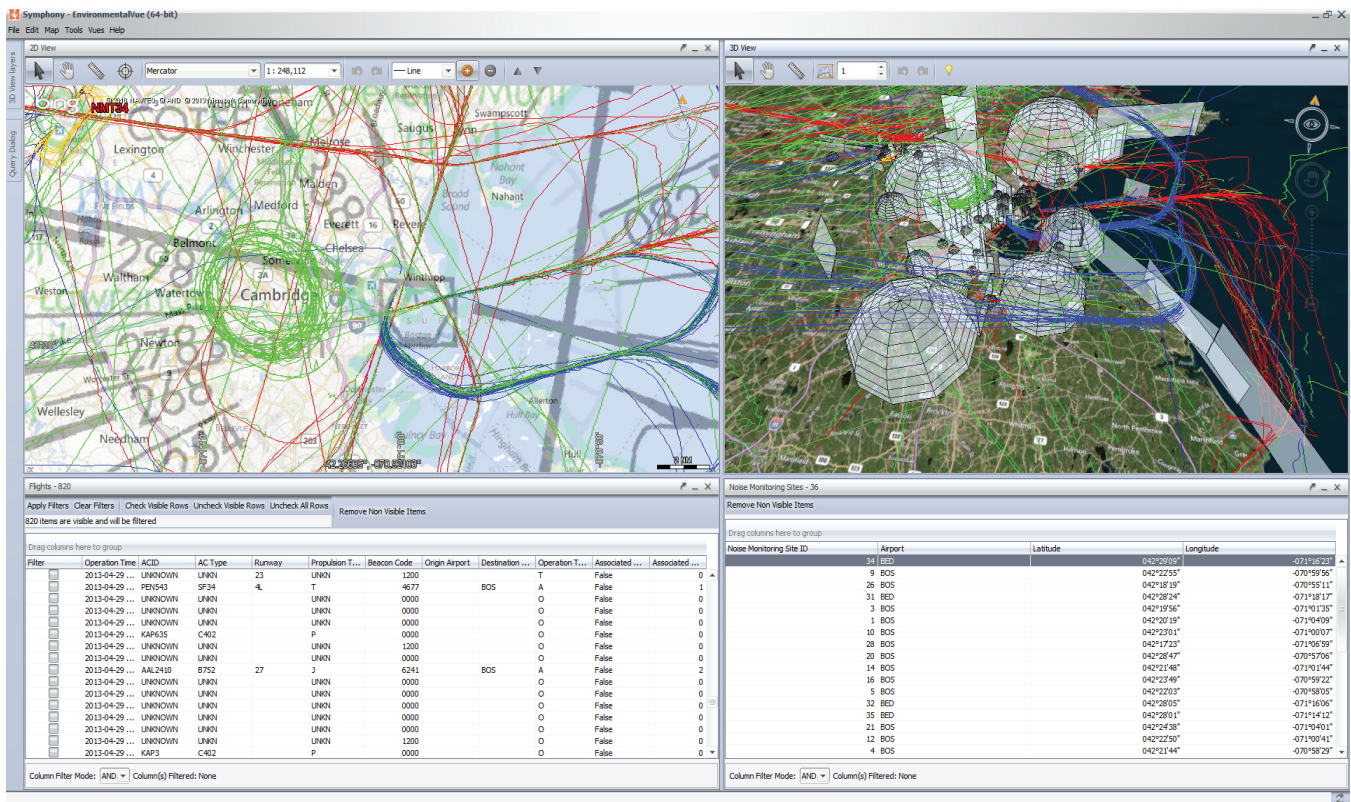
Symphony®
EnvironmentalVue™

Noise and Operations Monitoring for Airports

Symphony EnvironmentalVue

THE NEXTGEN FLIGHT TRACKING SOLUTION FOR GREENER AIRPORTS

> Understanding an airport's environmental impact and proactively managing aircraft noise and emissions are critical challenges for airports. In many cases, airport expansion and revenue growth opportunities are limited by environmental concerns. Exelis developed Symphony EnvironmentalVue to address these issues.
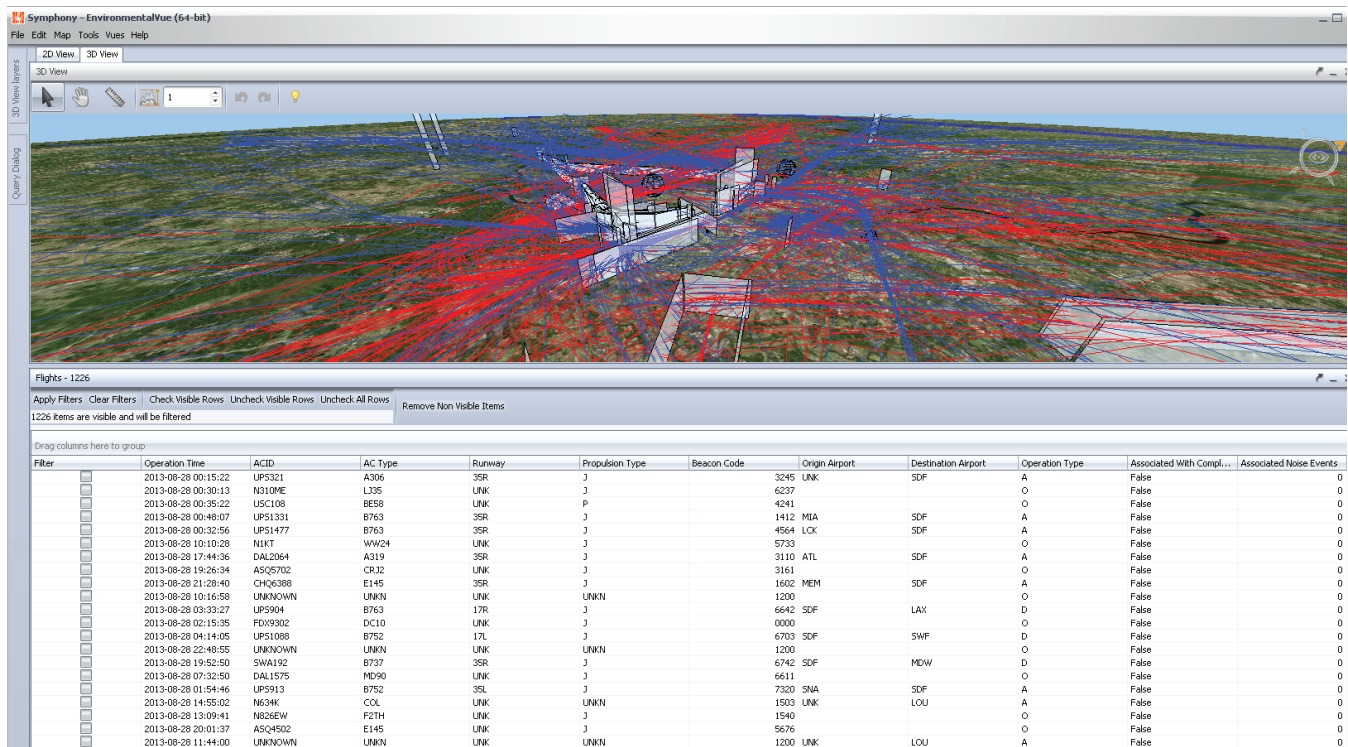

WHY SYMPHONY ENVIRONMENTALVUE?

Symphony EnvironmentalVue was developed to address airport environmental issues using the software as a service (SaaS) model that integrates web-based software, cloud-computing, and the world's most comprehensive aircraft tracking systems with a 2D and 3D GIS display platform. By providing access to air traffic control-quality data, Symphony EnvironmentalVue can help assist airports improve environmental compliance, display precise flight tracks, accurately model impact, sound insulate the right residences and reduce litigation exposure.

SOLUTIONS FOR AIRPORTS AND AIRCRAFT OPERATORS

Symphony EnvironmentalVue is part of the Exelis Symphony suite of applications. A comprehensive, integrated airport and airline operations management platform that provides airport operators, and Air Navigation Service Providers (ANSP) with applications that assist in the proactive management of surface operations, revenue and billing, environmental compliance, fleet and asset tracking, and traffic flow monitoring.

Symphony - EnvironmentalVue (64-bit)

File Edit Map Tools Vues Help

2D View | 3D View

3D View

Flights - 1226

Apply Filters | Clear Filters | Check Visible Rows | Uncheck Visible Rows | Uncheck All Rows | Remove Non Visible Items

1226 items are visible and will be filtered

Drag columns here to group

Filter	Operation Time	ACID	AC Type	Runway	Propulsion Type	Beacon Code	Origin Airport	Destination Airport	Operation Type	Associated With Compl...	Associated Noise Events
☐	2013-08-28 00:15:22	UPS321	A306	35R	J	3245	UNK	SDF	A	False	0
☐	2013-08-28 00:30:13	N310ME	L335	UNK	J	6237			O	False	0
☐	2013-08-28 00:35:22	USC108	BE58	UNK	P	4241			O	False	0
☐	2013-08-28 00:48:07	UPS1331	B763	35R	J	1412	MIA	SDF	A	False	0
☐	2013-08-28 00:32:56	UPS1477	B763	35R	J	4564	LCK	SDF	A	False	0
☐	2013-08-28 10:10:28	N1KT	WW24	UNK	J	5733			O	False	0
☐	2013-08-28 17:44:36	DAL2064	A319	35R	J	3110	ATL	SDF	A	False	0
☐	2013-08-28 19:26:34	ASQ5702	CRJ2	UNK	J	3161			O	False	0
☐	2013-08-28 21:28:40	CHQ6388	E145	35R	J	1602	MEM	SDF	A	False	0
☐	2013-08-28 10:16:58	UNKNOWN	UNKN	UNK	UNKN	1200			O	False	0
☐	2013-08-28 03:33:27	UPS904	B763	17R	J	6642	SDF	LAX	D	False	0
☐	2013-08-28 02:15:35	FDX9302	DC10	UNK	J	0000			O	False	0
☐	2013-08-28 04:14:05	UPS1088	B752	17L	J	6703	SDF	SWF	D	False	0
☐	2013-08-28 22:48:55	UNKNOWN	UNKN	UNK	UNKN	1200			O	False	0
☐	2013-08-28 19:52:50	SWA192	B737	35R	J	6742	SDF	MDW	D	False	0
☐	2013-08-28 07:32:50	DAL1575	MD90	UNK	J	6611			O	False	0
☐	2013-08-28 01:54:46	UPS913	B752	35L	J	7320	SNA	SDF	A	False	0
☐	2013-08-28 14:55:02	N634K	COL	UNK	UNKN	1503	UNK	LOU	A	False	0
☐	2013-08-28 13:09:41	N826EW	F2TH	UNK	J	1540			O	False	0
☐	2013-08-28 20:01:37	ASQ4502	E145	UNK	J	5676			O	False	0
☐	2013-08-28 11:44:00	UNKNOWN	UNKN	UNK	UNKN	1200	UNK	LOU	A	False	0

THE MOST WIDELY USED WEB-BASED AIRPORT ENVIRONMENTAL MONITORING SYSTEM IN NORTH AMERICA

Symphony EnvironmentalVue by Exelis was the first web-based environmental monitoring system and is currently utilized at over 60 airports worldwide. Symphony EnvironmentalVue utilizes multiple surveillance feeds to provide robust views of all airborne assets and airport surface traffic data. Clients more precisely track and manage aircraft emissions improving environmental compliance and managing community concerns.   The application allows clients to create standard or ad hoc custom reports that are shared with the public through published reports or web-based community information portals improving community relations.

SYMPHONY ENVIRONMENTALVUE FEATURES

- Web-based architecture and common database
- Intuitive graphical user interface with a Windows look and feel
- Robust reporting tool allowing for custom and automated reporting
- Extensive analytical capabilities that show rich graphical reports and data
- Generate noise contours for a defined period based on actual aircraft and flight track data quickly and easily
- Configure Virtual Noise Monitors (VNMs) at any location in the airport vicinity
- Professionally hosted data center
- Powered by Exelis NextGen data

BENEFITS

- Quick installation and minimal hardware requirements reduces cost
- Secure, reliable and greater availability
- Easy-to-use
- Promotes transparency improving community relations

EXELIS