

INFUSION CASE STUDY

SUPER BOWL XLIII SECURITY DEPLOYMENT FALCON EYE INTEGRATION FOR TAMPA POLICE DEPARTMENT



Vertical

Public Sector
Law Enforcement
Location Intelligence Services

Technology

SharePoint MOSS 2007
WPF
Virtual Earth
Microsoft Surface
Falcon Eye
Blend

Additional Media

Media Coverage:
[http://www.microsoft.com/
industry/government/news/espender_super_bowl.msp](http://www.microsoft.com/industry/government/news/espender_super_bowl.msp)

More on Falcon Eye:
[http://www.youtube.com/
watch?v=V94EVrp9nWk](http://www.youtube.com/watch?v=V94EVrp9nWk)

CLIENT

Founded in 1886, the Tampa Police Department is one of the most progressive police forces in the United States and is frequently at the forefront of modern law enforcement techniques. The Tampa PD has a stated mission of "reducing crime and enhancing the quality of life through a cooperative partnership with all citizens." The department is a very diverse and dynamic agency serving one of America's greatest cities.

PROBLEM

With the Super Bowl and the millions of tourists it brings fast approaching, the Tampa Police Department was seeking a method of processing incident and event details in a manner that was intuitive and easily understood. Reports were being consistently input into the police database, but there was no existing method of communicating this information in an easily-managed, visual presentation. Infusion was engaged by a Tampa Police partner to resolve these issues.

SOLUTION

In conjunction with two of the Tampa Police's existing data management and voice over IP partners, Infusion implemented its operational dashboard, Falcon Eye, to provide the solution.

The first portion of this solution leveraged Falcon Eye to output the collected data into a mapped view. Incidents were displayed in real-time with alert information represented by a series of easily recognized symbols. Falcon Eye also delivered the ability to drill down and view detailed incident reports and overlay statistical data. The information was processed and stored via a Microsoft Office SharePoint Server that also served as the interface between Falcon Eye and partner software.



Figure 1:
Infusion's Falcon Eye
Deployment for the Tampa
PD

Infusion's Falcon Eye enabled the Tampa Police Department and its partners to visualize and plan their tactical response to numerous incidents in real-time.

During the second component of the Falcon Eye implementation, Infusion worked with a partner to provide a voiceover IP link between the system and dispatcher. Supervisors at the command centre were able to select individual reporting channels involving various incidents. Drill down features also allowed headquarters to hear real-time radio chatter from each unit involved in an incident.



Figure 2: Stadium Incidents Overhead View

The location of specific units and incidents are easily identified and monitored through Falcon Eye's ability to map real-time geo-spatial data in a three-dimensional display.



Figure 3: Incident Report Info-Cards

Drawing upon data from the integrated Microsoft Office SharePoint Server, detailed reports that summarize specific incidents, their location, and status are viewed quickly and easily.

RESULTS

Infusion's integration and deployment of Falcon Eye for the Tampa Police Department delivered a return on investment that included the following key benefits:

- Insight into how the Tampa Police respond to incidents and the ability to visualize specific locations.
- Delivery of an intuitive user interface for the mapping and planning of incident responses.
- Enabling the Tampa Police to track trends and manage statistical information in a visual and easily manipulated format.
- Three-dimensional viewing that permitted officers to plan and allocate resources based upon preliminary tactical and mapping information.
- The ability to identify unit locations, oversee unit actions, and communicate in real-time with on-site forces.

ABOUT FALCON EYE

Falcon Eye provides organizations with the ability to navigate real-time, 3D data across the internet, desktop, and Microsoft Surface. Inspiring presentation capabilities allow Falcon Eye to serve both as a powerful back-office operational dashboard and a uniquely branded front-office sales tool. Falcon Eye unites multiple data streams into a single, consolidated view.

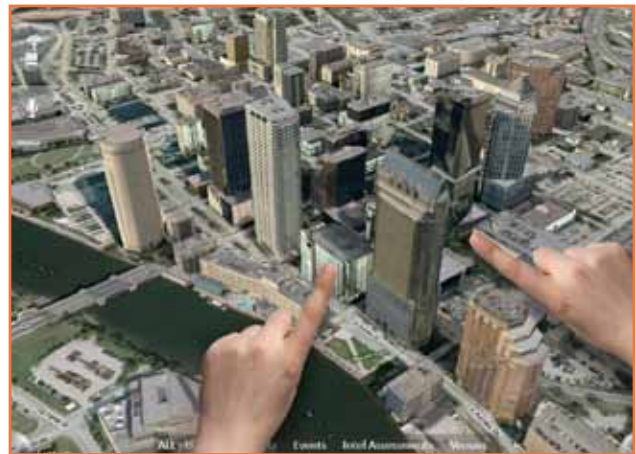


Figure 4: City of Tampa as seen by Falcon Eye

Falcon Eye delivered a complete three-dimensional plan of the city of Tampa, enabling the Tampa Police to plan routes and response times, follow trends, and track statistics.