

incidentOS Application Framework

incidentOS is a web-based solution originally developed to support facility emergency and incident management. Through the course of development, it was recognized that capabilities within incidentOS address concerns across multiple domains and business areas. At the core, incidentOS is an adaptable platform for consuming multiple data streams, interrogating those feeds, and orchestrating system behavior in response to the incoming data. incidentOS presents role based information through a user-friendly and customizable interface.

BAE SYSTEMS

Real Time Updates through Open Source Software

One of the key requirements of incidentOS is the ability to consume and act on information as quickly as possible. While near real-time updates are common place in most desktop applications, BAE Systems looked for a way to provide this behavior in a web-based solution. The incidentOS portal framework needs to update information and components to keep pace with an ever evolving situation. The ICEfaces framework enables incidentOS to push updates and changes to the user enabling incidentOS to seamlessly present up to date information to the people that need it most. Additionally, ICEfaces supported BAE Systems' need to incorporate the latest and most widely accepted enterprise open source software. This approach reduces the total cost of ownership and laid the foundation for scaling and adapting incidentOS to meet various customer requirements. The incidentOS framework is currently built around NetBeans, Apache Tomcat, Liferay portal and ICEfaces.

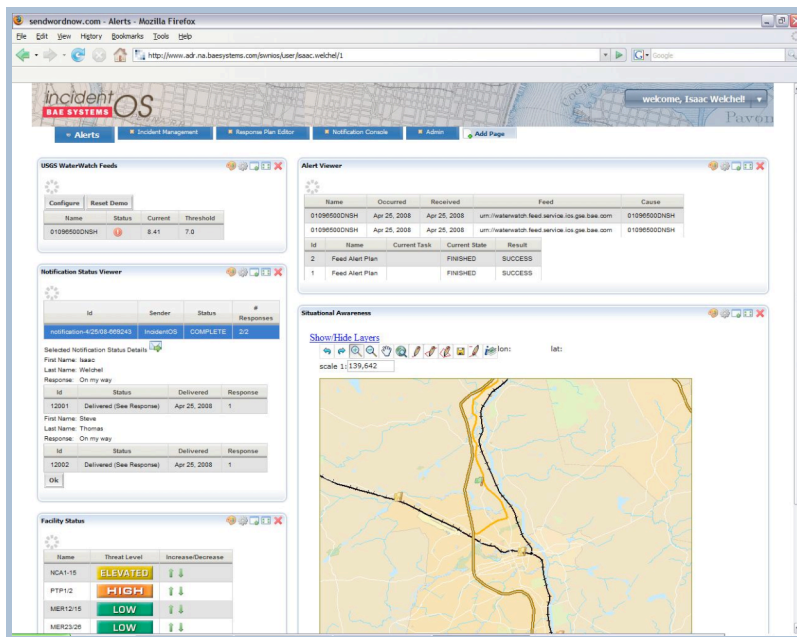
“**Performance, performance, performance! We found that ICEfaces far exceeded other options especially in the portal environment we are using.**”

David Braig
Director, Geospatial Technologies

Why ICEfaces?

ICEfaces is the only Ajax framework for Java-EE that fully integrates Ajax Push capabilities providing near instantaneous updates of critical information easily and efficiently.





incidentOS screenshot

ICEfaces and Ajax Push provide incidentOS desktop type performance and collaborative capabilities never before possible through a thin-client web-based application. Many of the advanced drag-and-drop components and highlighting capabilities provide a sophisticated user experience that end-users appreciate and gravitate towards.

"The integration of ICEfaces has proven extremely beneficial to the development of our incidentOS application framework. ICEfaces provides a complete solution for our needs as it enabled us to build in components and complexity without additional libraries or plugins and without having to develop any low-level JavaScript at all," describes Ryan Moquin, Senior Software Developer at BAE Systems.

"The ICEfaces components bring a level of performance most users expect from a desktop application to our web-based solution. Once our lead developer integrated the capabilities into our solution, I knew we were not going back to client-side Ajax. The robust set of ICEfaces components has brought a level of sophistication and ease of use to our interface that resonates with our customers," says David Braig Director, Geospatial Technologies at BAE Systems. "Bottom line is performance, performance, performance. We found that ICEfaces far exceeded other options, especially in the portal environment we are using."

“The ability for ICEfaces to ‘push’ critical information to other office and mobile crisis responders as it becomes available is a powerful and critical feature.”

