



## CASE STUDY

### ABOUT BREACH SECURITY

Breach Security, Inc. is the leading provider of real-time, continuous web application security that protects sensitive web-based information. Breach Security's products protect web applications from hacking attacks and data leakage and ensure applications operate as intended. The company's products are trusted by thousands of organizations around the world, including leaders in finance, healthcare, ecommerce, travel and government.

*"My biggest surprise has been the opportunity to learn so much about current and active web-based attacks. WebDefend gives Universal the ability to visualize how those attacks can be used to gain complete access into a secured network."*

*—Quincy Jackson  
IT Security Manager  
Universal Weather &  
Aviation*

### ABOUT UNIVERSAL WEATHER AND AVIATION, INC.

Universal Weather and Aviation, Inc. (Universal<sup>®</sup>) began providing weather briefings specifically for corporate aviation in 1959. Today, they are much more than a weather company. They are a global trip support services provider, serving clients at every point along their trips, virtually anywhere they fly.



## UNIVERSAL WEATHER AND AVIATION, INC. SELECTS WEBDEFEND<sup>®</sup> TO PROTECT WEB APPLICATIONS, ANALYZE WEB THREATS

*WebDefend Provides Clear Visibility Into Potential Security Events for Both New and Legacy Web Applications*

Universal Weather and Aviation, Inc. (Universal<sup>®</sup>) began providing weather briefings specifically for corporate aviation in 1959. The company has evolved into a global trip support services provider, serving clients at every point along their trips. Electronic data is an essential information asset to Universal. The confidentiality, integrity and availability of these assets are critical to the company's daily operations and long-term viability. As such, Universal's IT Security team must ensure that its information assets are protected against the unintentional disclosure of sensitive data. To that end, the company selected the WebDefend web application firewall from Breach Security.

Universal was not only looking for a web application firewall that could protect its applications, but could generate easy-to-understand alerts and events. Once WebDefend was implemented in Universal's environment, the company was able to start seeing events in the WebDefend Management Console in less than one hour. WebDefend's profiling provided Universal with clear visibility even into some of its older legacy web applications.

"Universal uses WebDefend to monitor both failed and successful logon attempts," said Quincy Jackson, IT Security Manager for Universal. "While the Marketing team uses other tools for analyzing visits, IT Security was in need of a much simpler view of who is accessing our online resources."

Universal also uses WebDefend to test applications before going to production for issues such as broken links, malformed HTTP structures or missing HTTP headers, and information leakage with database calls or script variables. In addition, the company uses WebDefend to analyze unsuccessful attack attempts to understand the threat landscape, such as what common botnets are being used by potential attackers, what vulnerabilities exist in supplemental web services that Universal may not have deployed but are considering, and how an unsuccessful attack could be modified to be successful.

"My biggest surprise has been the opportunity to learn so much about current and active web-based attacks. WebDefend gives Universal the ability to visualize how those attacks can be used to gain complete access into a secured network" said Jackson. "In short, WebDefend is easy to set up, and easy to understand. The true ROI of WebDefend is in the knowledge and insight gained by managing and monitoring the security of our customer-facing web applications."

Universal is using WebDefend to protect 4,906 unique URLs that span over multiple web sites.

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