



## **Mykonos Awarded US Patent on Innovative Web Security Technology**

*New Patent Strengthens Mykonos Software's Patent Portfolio for Innovative Security Technology*

**SAN FRANCISCO, Calif.– January 30, 2012** – [Mykonos Software](#), the leading provider of Web Intrusion Prevention Systems (WIPS), today announced that the United States Patent and Trademark Office (USPTO) has awarded the company a patent on methods for integrating security in network communications and systems.

Mykonos Software's breakthrough advancements in developing and protecting Web applications are changing the security industry. This patent describes a method for creating a secure authenticated communication channel between client side Web application code, usually JavaScript, and the back-end server code, over an otherwise insecure channel (no SSL). The technique integrates session management, authentication, integrity checking, replay protection and optional full message encryption for transmission of sensitive information. This technique does not require the use of cookies, and has built-in protection from session hijacking even when traffic is intercepted by an adversary over an insecure Wi-Fi connection.

“Mykonos continues to push the edge of security technology with innovative new approaches to protecting the world's governments and large enterprises from hackers, and this patent is a testament to our commitment to innovation.” said David Koretz, president and CEO of Mykonos Software. “Attacks on Websites will continue to grow, and Mykonos is working on new innovations to change the economics of hacking.”

The award-winning Mykonos Web Security product uses deception to detect, confuse, slow down and prevent attackers in real-time – keeping Websites and Web applications safe from fraud and theft.

Mykonos Software was recently awarded the [2011 Technology Innovation Award](#) from *The Wall Street Journal* in the Information Security category and has been named a finalist for [Rookie Company of the Year](#) by *SC Magazine*.

**USPTO Patent #8,099,602** - A method, computer readable medium, and system for integrating security in network communications includes generating a private key and a public key by encrypting the private key with a first encryption. The generated private key and public key are provided in an initial response to an initial request over the secure connection. At least one additional received request is validated based on the public key and a requesting signature signed using the key received with the at least one additional request. An additional response with a responding signature signed using the private key is provided in response to the validated additional request.

### **About Mykonos Software**

Mykonos is the smartest way to secure Websites and Web applications against hackers, fraud and theft. Its Web Intrusion Prevention System (WIPS) uses deception to detect, track, profile and prevent hackers in real-time. Unlike legacy signature-based approaches, Mykonos is the first technology that inserts thousands of detection points to proactively identify attackers before they do damage – without any false positives. Mykonos goes beyond the IP address to track the individual attacker, profile their behavior and deploy counter measures. With the Mykonos Web Security, administrators are liberated from writing rules, analyzing massive log files or monitoring another console. Mykonos neutralizes threats as they occur preventing the loss of data and saving companies millions of dollars from fraud or lost revenue.



More information on Mykonos, please visit [www.MykonosSoftware.com](http://www.MykonosSoftware.com) or follow us on Twitter [@MykonosSoftware](https://twitter.com/MykonosSoftware). For sales information call toll-free 1-877-88-WINGS, or email [sales@mykonossoftware.com](mailto:sales@mykonossoftware.com).

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