



TRUSTWORTHY
INTERNET MOVEMENT

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Trustworthy Internet Movement Picks SSL Implementation and Governance as First Initiative

Nonprofit Rallies World Renowned Experts to Examine SSL Governance; Launches New Index to Track Progress of SSL Implementation Across the Internet

LONDON, April 26, 2012 – Infosecurity Europe 2012 – Just two months from its inauguration date at the RSA Conference in San Francisco on February 29, the [Trustworthy Internet Movement \(TIM\)](#) announced today that it has chosen SSL governance and implementation across the Internet as its first project. The nonprofit, vendor-neutral organisation has formed a taskforce comprised of world renowned security experts to review SSL governance known issues and develop new proposals aimed at making SSL pervasive on the Internet. In addition, TIM launched SSL Pulse, a new index that tracks the progress of how well SSL is implemented across the top one million web sites.

TIM SSL Internet Taskforce

This taskforce includes the following industry experts:

- Michael Barrett - Chief Information Security Officer at PayPal, one of the companies making a considerable effort to improve governance and security of the Internet
- Taher Elgamal – Founder and Chief Identity Officer at IdentityMind and one of the creators of the SSL protocol
- Ryan Hurst – Chief Technology Officer at GMO GlobalSign, Inc., one of the longest established Certificate Authorities and SSL providers, author of lightweight OCSP and former lead for Windows PKI
- Adam Langley - Staff Software Engineer for Google, who works on SSL/TLS in Google Chrome and Google's frontend servers
- Moxie Marlinspike – Founder at Whisper Systems, recently acquired by Twitter, and creator of [Convergence](#)
- Ivan Ristic – Director of Engineering at Qualys and creator of SSL Labs, a research project to measure and track the effective security of SSL on the Internet

The TIM SSL Internet Taskforce will engage experts to objectively review all proposals to fix both SSL and Certificate Authority (CA) ecosystems. Based on this independent review, the taskforce will identify new recommendations aimed at steering the evolution of these ecosystems towards improved security.

"Nothing can be safe forever. The real question is not whether SSL is safe, but if we are updating our technology to keep up with threats and stay safe," said Taher Elgamal, Chief Identity Officer at IdentityMind. "I am pleased to join this initiative to revisit SSL security and come up with new ways to improve it."

TIM SSL Pulse

SSL Pulse is a continuous and global dashboard for monitoring the quality of SSL support across the top one million web sites. SSL Pulse is powered by the assessment technology of [SSL Labs](#), which is focused on auditing the SSL ecosystem, raising awareness, and providing tools and documentation to web site owners so they can improve their SSL implementations. This new security industry index is available at <https://www.trustworthyinternet.org/pulse/>.

SSL Pulse is now tracking 198,216 web sites with valid certificates, which represent substantially all SSL sites in the Alexa top one million list. Of those, only about half (99,903 sites) get an A grade, and the rest could use improvement. These details and other key findings can be viewed on the [SSL Pulse web page](#). Companies can also visit this page to retrieve their SSL implementation scores and download the SSL/TLS Deployment Best Practices document to improve their implementations and scores. SSL Pulse will also publish regular monthly updates, highlighting the progress made to SSL implementations across the tracked web sites.

“Making SSL pervasive on the Internet is a must in order for the Web to become a safer place,” said Philippe Courtot, Founder of TIM and Chairman and CEO of Qualys. “Solving the implementation and governance problem can be achieved through industry collaboration and better auditing tools that give us visibility into the root causes of these issues and how to fix them.”

About the Trustworthy Internet Movement

The Trustworthy Internet Movement (TIM) is a nonprofit, vendor-neutral organisation that leverages the resources of the technology industry, information security professionals, and the venture capital community to resolve the problems of Internet security, privacy and reliability. The organisation will fund and foster collaborative innovation through focused working groups to identify specific issues and create new solutions to address them. TIM, which was launched at the RSA Conference USA 2012 in San Francisco, California, is the brainchild of Philippe Courtot, chairman and CEO of Qualys and co-founder of [CSO Interchange](#).

More information at www.trustworthyInternet.org.

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