



NetNumber TITAN Named “Most Robust IMS Security Solution” at IMS World Forum

NetNumber Multi-protocol Signaling Firewall Addresses Critical Security Challenges

LOWELL, Mass. — Jun. 1, 2017 —NetNumber announced today its TITAN platform received the award for “Most Robust IMS Security Solution” at the IMS World Forum on May 23 in Madrid, Spain. The IMS World Forum awards celebrate greatness in deployment and operational impact, essential for operators striving to streamline their networks. NetNumber TITAN, the industry’s most robust centralized signaling and routing (CSRC) platform, provides a common, virtualized infrastructure for all signaling control, routing policy enforcement and subscriber database services in the network. It uniquely delivers centralized provisioning and management combined with a powerful distributed, in-memory database replication method that enables all signal processing to happen at the optimal location in an operator’s network.

Security is a critical concern for operators today. In the SS7 network, trust has historically been the basis for network operation. However, the threat landscape has become more sophisticated and now includes attacks on the SS7 networks. Jennifer P. Clark, vice president of 451 Research, notes in her report [MWC 2017: SS7 Threats to a 5G World](#), “The critical role that SS7 plays in international roaming, and in IoT and M2M application is moving operators to become proactive in protecting their networks and their subscribers from attack by implementing SS7 firewalls and signaling controllers.” Operators’ concerns regarding the security risks of VoLTE and IMS networks also are growing given Diameter is a successor to SS7 and the Internet of Things (IoT), per a recent study conducted by the Federal Communications Commission with U.S. mobile operators and industry experts.

NetNumber has responded by delivering the industry’s most comprehensive multi-protocol signaling firewall application in the TITAN platform for unprecedented protection. NetNumber provides firewall capabilities for all signaling protocols including SS7, Diameter, SIP, HTTP and DNS/ENUM. As these firewall applications can be combined seamlessly with other NetNumber applications such as an STP, DSC, HSS or HLR on the same TITAN platform, telecom operators

have an unprecedented level of multi-protocol signaling protection, flexibility and operational uniformity in a platform that can reduce Opex/Capex costs and improve efficiency.

“Signaling firewalls are quickly becoming a critical part of the operator network,” said Kim Gibbons, NetNumber chief marketing officer. “NetNumber is honored to be recognized by the industry for its comprehensive approach to securing telecom networks. This award helps to validate our unique approach to solving one of the most pervasive issues facing operators across every region. It also supports our work in the GSMA Fraud and Security Group (FASG) as the primary author and editor of the SS7 Firewall and the Diameter Firewall standards. The NetNumber multi-protocol signaling firewall incorporates these guidelines, and is trusted by leading mobile operators to help protect their networks.”

Learn more about TITAN at <http://netnumber.com/products/titan/> or by contacting sales@netnumber.com.

About NetNumber

NetNumber, Inc. brings 17 years of experience delivering innovative signaling control solutions that enable carriers to accelerate implementation of new services across multiple generations of networks, while dramatically simplifying the core network and reducing operating costs. Today, we are the leading provider of Centralized Signaling and Routing Control (CSRC) solutions to the global communications industry. Visit www.netnumber.com for more information. Connect with us on Twitter, LinkedIn, Google+ and Facebook.

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