



## **NetNumber PCRF Delivers Policy Control Throughout Evolved Packet Core**

LOWELL, Mass. — Nov. 15, 2016 — NetNumber today announced availability of the Policy and Charging Rules Function (PCRF) application on the industry’s most robust centralized signaling and routing (CSRC) platform, TITAN. The PCRF aggregates information to and from the network, operational support systems, and applications such as the proxy Call Session Control Function (CSCF) in real time, supporting the creation of rules and automatically making policy decisions for each subscriber active on the network. Such a network might offer multiple services, quality of service (QoS) levels, and charging rules. Bringing policy enforcement to the control plane via NetNumber TITAN provides carriers with more granular controls of both physical and virtual network components, and enables carriers to distribute real-time policy decisions throughout the network.

“The relative importance of policy control and enforcement is increasing as the industry continues to take steps to leverage the powerful functions that PCRFs support to realize the vision of a software based, ubiquitous service model,” said, Jim Hodges, senior analyst, Heavy Reading.

The NetNumber PCRF application focuses on service delivery in the evolved packet core (EPC) network, and therefore to subscribers connecting via the LTE and WiFi access. The comprehensive rules management delivered by the NetNumber PCRF includes charging rules activation, deactivation, and installation; QoS services; IP flow control; and volume- or time-based usage monitoring capabilities. Policy decisions can be made at the session start, when subscribed events occur in the network, according to the time of day policies, or upon administrative actions.

“The PCRF is an important part of IMS architectures, and creates new business opportunities by enabling carriers to monetize services,” said Matt Rosenberg, NetNumber vice president of Global Sales. “The disruptive approach delivered by NetNumber simplifies the routing configuration, eliminates the need for special-purpose Diameter routing agents, and makes the PCRF services resistant to temporary and permanent outages of PCRF nodes and even of entire

data centers. In addition to supporting new services, the NetNumber PCRF helps carriers reduce operating costs.”

NetNumber TITAN 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. Leveraging the TITAN data replication technology, the session data is distributed and updated in real time across all PCRF nodes deployed in customer network.

As with other applications available on NetNumber TITAN, the PCRF can be co-located with the home subscriber services (HSS) database, the authentication, authorization and accounting (AAA) framework, or any other NetNumber application. NetNumber TITAN can be deployed as a virtual network function or on commercial off-the shelf hardware.

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

### **About NetNumber**

NetNumber, Inc. brings 16 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](http://www.netnumber.com) for more information. Connect with us on Twitter, LinkedIn, Google+ and Facebook.

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