



NetNumber Delivers HLR and HSS with AuC on TITAN Platform

LOWELL, Mass. — Oct. 27, 2015 — NetNumber today announced availability of Home Location Register (HLR) and Home Subscriber Server (HSS) applications on the industry’s most robust centralized signaling and routing (CSRC) platform, TITAN. These databases contain user information such as private and public identities, service profiles, location information, registration and supplementary service status, and enable authorized subscribers to use their operator’s IMS and mobile communications networks. The NetNumber implementations of the HLR and HSS applications include an integrated software authentication center (AuC) supporting cryptographic algorithms for security. The HLR is the primary database of subscriber information in 2G and 3G networks, and the HSS supports the IMS, WiFi and 4G/LTE networks. With both subscriber data management applications on the same platform, these databases are able to interwork and share subscriber data as operators evolve their networks from 2G/3G to 4G.

According to Shira Levine, Research Director of Service Enablement and Subscriber Intelligence for IHS, “Incorporating HLR and HSS in a single system enables operators to reduce their operational costs while supporting a smoother migration from 3G to LTE. This is particularly important as they deploy IMS to support VoLTE services, since VoLTE requires them to manage subscriber data across multiple network domains; having a single repository for subscriber data that is enhanced with authentication capabilities provides a more consistent experience for the subscriber while ensuring the protection of subscriber identity and reducing the risk of SIM fraud.”

NetNumber TITAN is transforming how operators deliver new services to their customers while significantly simplifying the network core and reducing operating costs. TITAN provides a common, virtualized infrastructure for all signaling control, routing policy enforcement and subscriber database services in the network. Only NetNumber can deliver SS7/C7, SIGTRAN, ENUM, DNS, SIP, HTTP, RADIUS and DIAMETER services on the same signaling-control platform while centralizing the provisioning and simplifying the network’s OSS/BSS layers. In support of the HLR and HSS applications, TITAN scales to support any size subscriber base and

provides a central point of provisioning for the subscriber data with real-time distribution to enable all signal processing to happen at the optimal location in an operator's network.

“Operators will be supporting the convergence of TDM and IP networks for many years to come,” said Matt Rosenberg, vice president of NetNumber Global Sales, Solution Design and Product Management. “With the emergence of VoLTE and IMS, operators are in critical need of a centralized signaling and routing control platform that ensures interworking and enables service agility. By also integrating robust subscriber database management, operators can synchronize key functions of the core network with the OSS/BSS layers for operational efficiency. The NetNumber HLR/AuC and HSS/AuC applications are designed for such operational efficiency as well as high performance, scalability and security. NetNumber TITAN provides a comprehensive solution for all operators transitioning from legacy to next-generation networks.”

Today, TITAN is deployed on more than 350 servers on five continents, and supports more than 200 billion transactions per month.

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

About NetNumber

NetNumber, Inc. brings 15 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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