



NetNumber TITAN 7.5 Delivers New Features and Enhanced Availability

LOWELL, Mass. — Dec. 10, 2014 — NetNumber announced today general availability of TITAN 7.5, an update to the TITAN platform that provides multi-protocol centralized signaling and routing control (CSRC) services for a converged network. TITAN is a common, virtualized infrastructure for all signaling control, routing policy enforcement and subscriber database services in the network. TITAN is transforming how operators deliver new services to their customers while significantly simplifying the network core and reducing operating costs. Today, TITAN is deployed on more than 350 servers on five continents, and supports more than 200 billion transactions per month.

“Telecom operators are struggling to deliver new services for their customers more quickly, while managing the transition to next-generation networks,” explained Matt Rosenberg, vice president, NetNumber Global Sales, Solution Design and Product Management. “With TITAN, IMS, LTE and SS7 applications are combined into a single platform and seamlessly integrated in the existing operator network and OSS/BSS layer. With network complexity dramatically reduced, operator networks can more easily support the roll-out and billing of new services. The release of 7.5 extends the high availability and flexibility inherent in TITAN’s design even further.”

TITAN 7.5 provides the following new features within the TITAN Master and Edge application:

- **Dynamic SLEE Application Support:** Provides improved operational flexibility with the ability to develop and dynamically install/upgrade SLEE applications. These applications may be uploaded onto a running TITAN server without service interruption.
- **N-way Standby High Availability:** With a geo-redundant, High Availability (HA) implementation built upon Oracle 11g Active Data Guard, TITAN 7.5 includes a comprehensive set of HA services that create, maintain, manage, and monitor up to nine Standby Masters, where each Standby Master is a replica of the Primary Master. If the Primary Master becomes unavailable due to an unplanned outage, any TITAN Standby Master may be activated as the Primary.

- Flashback Recovery: The TITAN 7 Master can restore a failed Primary Master back to a specific point in time without requiring a rebuild of the Master.
- Kernel: The TITAN Master and Edge software is now supported on the Red Hat Enterprise Linux 7 Operating System.
- Edge High Availability: The TITAN Edge on Linux offers a 1x1 active/standby High Availability (HA) architecture using a floating Virtual IP (VIP), where Edge servers may be deployed in mated pairs ensuring that signaling traffic immediately recovers from hardware and software failures of the active Edge. The Availability Facility allows for mated pairs to replicate session data from the Primary Edge to the Standby.
- SIP-NG Enhanced Statistics: Improvements include simplified configuration, enhanced statistics, built-in standards compliant procedures, and greater flexibility through additional message processing hooks that can be overridden by registered applications.
- SS7 Signaling Transfer Point (STP): The NetNumber STP application has been reimaged for TITAN 7.5 to provide continued support of telephony signaling with ANSI, Chinese, ITU SS7 and more variants.

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