Press Release 37-2010

Orga Systems' NGCP shows impressive performance in real-time charging
Multithreading architecture processes 12.000 diameter messages per second

Paderborn (Germany) 07 September 2010: As more and more services are coming along and usage is increasing dramatically day by day, charging and policy management processes for mobile operators are becoming more complex and more demanding. To assure revenues, the need for real-time mediation, authorization and charging for multiple services becomes evident. Orga Systems, #1 choice for real-time charging and billing, is announcing today that the benchmarked results of its convergent policy management solution NGCP proved an outstanding performance and provide MNOs with the ability to successfully profit from increasing usage of data services.

Real-time scaling performance
Performance benchmarks of NGCP prove that the system processes up to 12.000 diameter messages per second running on an entry level UNIX server (T5220) with one CPU. Showing an average latency of 8msec, NGCP confirms Orga Systems' market leading real-time expertise. Benefiting from its multithreading parallel processing, NGCP supports most efficient hardware utilization resulting in a processor load of less than 60%. The CPU load scales almost linear with throughput and gives operators a reliable reserve for peak load periods. With its highly efficient design, NGCP copes easily with rising demands in policy control and advanced charging scenarios. Its modular architecture is compliant to the latest 3GPP specifications and gives MNOs a future-proof platform for dynamic market growth.

NGCP – policy management, active mediation and charging on one single platform
Orga Systems unifies policy management, active mediation and charging control on one single platform, helping operators to manage complex subscriber profiles and charging rules for all services across all networks for pre and postpaid subscribers. Real-time charging and policy management allow for the control of bandwidth-hungry applications, while at the same time generating additional revenues with new individualized service offerings.
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