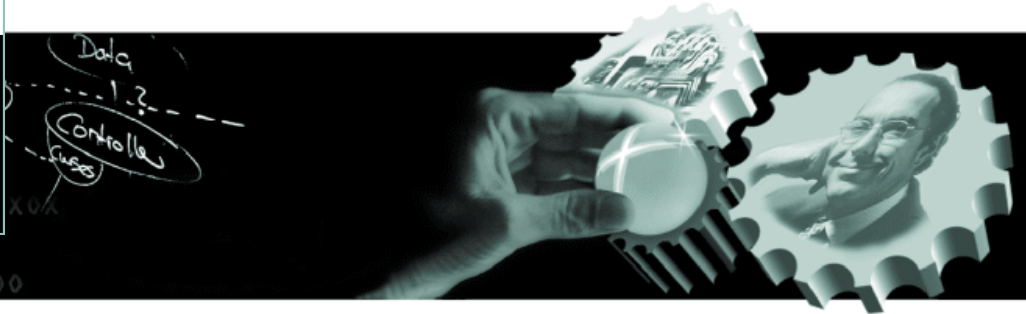




NexusDBS

Mobile Data Billing Solution



SUCCESS STORY

Nexus Telecom Delivers GPRS and SMS Billing Solution to T-Data GmbH, Germany

T-Data GmbH, now part of [T-Systems](#), one of Europe's leading providers of information and communications technology, is a 100% owned subsidiary of Germany's largest service provider, Deutsche Telecom AG, and an integral part of their corporate data communications business. In order to dispense with a legacy mainframe based billing system and migrate to a modern convergent billing system, T-Data deployed NexusDBS, a specially optimized billing system for the requirements of data and converged service providers from the Swiss software-house Nexus Telecom AG. To successfully deploy NexusDBS in a running legacy system, Nexus Telecom worked closely with T-Data to migrate considerable volumes of existing data traffic along with system commissioning in just four months. During this period parallel systems were kept in operation to ensure uninterrupted revenue flow.

The main reason for T-Data's decision in favor of NexusDBS lay in the power and flexibility of the system and the clear approach of Nexus Telecom to the requirements of the corporate customer sector.

For T-Data, a market and technology leader in data communications in Germany, a primary market demand was that newly deployed technologies must be immediately billable. T-Data was therefore actively engaged in definition of the system together with Nexus Telecom. Due to the broadening trend in service agreements, T-Data relied on Nexus Telecom to deploy a billing system would keep pace with the rapid introduction of new services.

As a result of this situation and the cooperative work between T-Data and

Nexus Telecom AG, an exemplary pipeline system for the introduction of new releases was developed, guaranteeing uninterrupted operations of existing services, while new services are simultaneously introduced.

This system was defined by three project groups: a group creating specifications, a test group, and a group responsible for maintaining production. Thus, while a current release is in operation, a successive system is already being tested, while a following system undergoes specification. In order that such a demanding system does not breakdown, it is critical that scheduling is strictly adhered to and no queuing in the pipeline occurs. This was made possible through excellent project management by T-Data who ensured that all schedules for definitions, test protocols, test and any further work were met on time, and that timely completion of the latest software components by Nexus Telecom AG were completed on-schedule. Such problem-free execution was only possible with highly trained teams and a high degree of cooperation between the two firms.

An example of a new service that was introduced via this release mechanism is billing for GPRS on the basis of data volumes, and similarly billing for SMS. Both services have been integrated in one release cycle during normal billing operations. Such a substantial expansion and smooth integration at such speed is also due to the modular design of NexusDBS. Expansions that accommodate new technologies can be implemented without changes to the system core.

Mobile Data Billing Solution

During expansion the current components of an installation are left undisturbed, reducing test efforts considerably.

The billing engine of a NexusDBS system is virtually static and needs no changes due to the generic nature of tariff definition and a configurable customer hierarchy. Time-consuming validation of billing accuracy and testing of the rating engine behavior according to specifications are no longer necessary.

The final judgment of this successful cooperative experience is best left to the words, translated from the original, of Mr. Axel Schenkel, manager of Software Support at T-Data: "The foundation of our strong cooperation and successful business relationship was laid during a workshop meeting of specialists, and is continued through regular release planning meetings during which operative as well as current themes and requirements for future releases are planned between our two firms."

About NexusDBS Billing Solution

NexusDBS billing solution is an advanced, cost-effective Next Generation mediation and billing solution from Nexus Telecom, specifically designed to support Next-Generation Network (NGN) converged services. NexusDBS provides data collection, mediation, tariff management, rating, pricing, invoicing, and statistics generation for a wide range of data and voice services, in combination with virtually any metered value added service in mixed-technology environments.

About Nexus Telecom AG

Founded in 1994, Nexus Telecom (<http://www.nexustelecom.com>) is a privately-held company with headquarters in Zurich, Switzerland and a North American subsidiary in Ottawa, Canada. With over 200 employees, Nexus Telecom is a major OSS/BSS vendor delivering state-of-the-art telecom management and billing solutions to 2G, 3G, NGN and VoIP service providers and network operators worldwide.

With customers in over 100 countries, Nexus Telecom solutions assure service quality and revenue streams for many of the world's best-known telecom operators. Nexus partners include leading network manufacturers such as Siemens, Nortel, Lucent, Nokia, Ericsson, and Acterna.

About T-Data

Bonn-based T-Data GmbH, now part of [T-Systems](#), is an integral part of the corporate data communications business of Deutsche Telecom AG, and is a 100% owned subsidiary. T-Data is one of Germany's leading providers of a wide ranging portfolio of expertise extending from conceptual solutions right through to systems commissioning for individual enterprises. T-Data offers Intranet/Extranet with guaranteed bandwidth be it for LAN to LAN, VPN or premium grade corporate networks.

More Information

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