NSPK data warehouse wins global recognition for Tibero

TmaxSoft

НСПК
НАЦИОНАЛЬНАЯ
СИСТЕМА
ПЛАТЕЖНЫХ
КАРТ

About NSPK

NSPK, the National Card Payment System is a Joint Stock Company established in 2014 and is wholly owned by the Central Bank of the Russian Federation (Bank of Russia).

The NSPK serves to ensure safety, convenience, and availability of payment cards and other electronic payment instruments provided to customers.
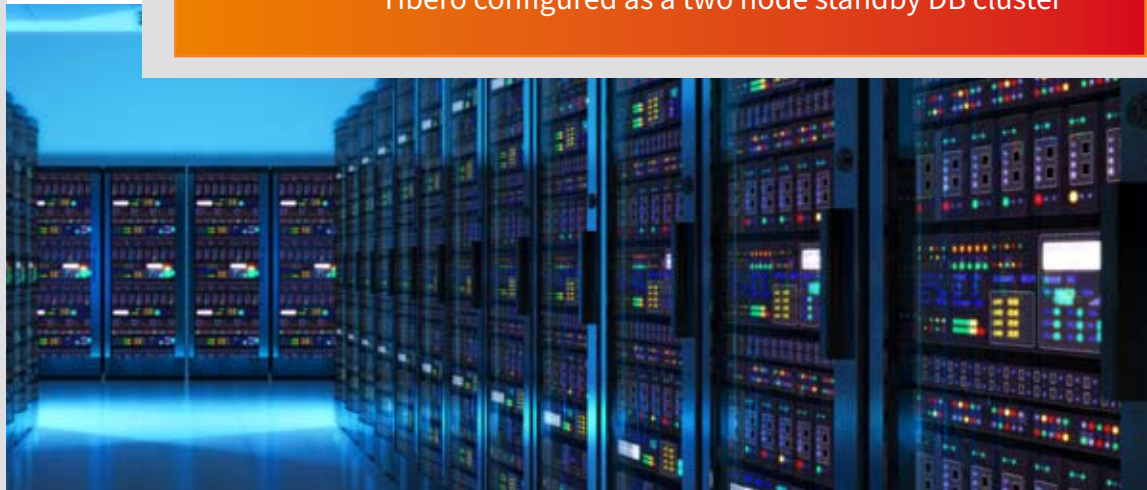
Its objectives are to establish and develop a national payment system and ensure uninterrupted processing of transactions in Russia.

Since, 2015 all domestic transactions including those made with international payment systems' cards within Russia are being processed through the NSPK Operations and Payment Clearing Center.

NSPK processes all card payments made in Russia

TmaxSoft implemented a data warehouse, using Tibero configured as a two node standby DB cluster

The Challenge

As part of NSPK's mission to develop a national payment system it was necessary to develop a data warehouse.

The data warehouse system was required to handle a large amount of data and support secure large-scale data analysis and batch processing.

The data warehouse manages data

from up to 100 banks providing high availability for analysis and processing of hundreds of gigabytes of data.

Due to the high security and critical nature of the system NSPK were looking not only at the technical competency of the product, but also for confidence in the vendors ability to respond quickly to support requests.
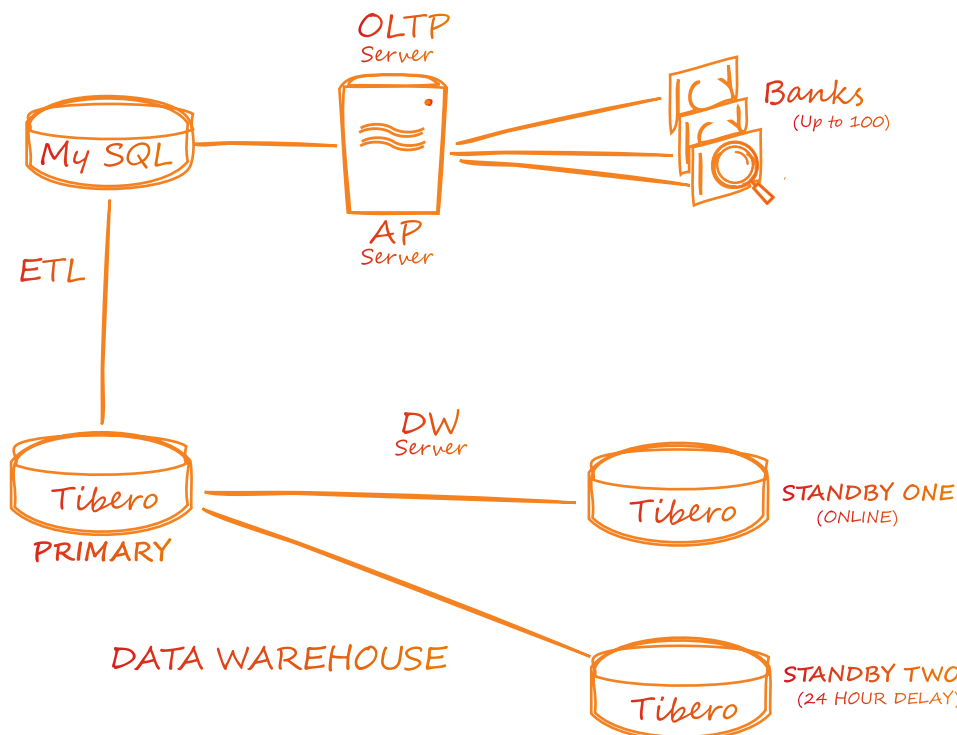
The Solution

Tmaxsoft's Tibero RDBMS was selected for the datawarehouse system over other database solutions, because they were able to over secure, stable, and highly available software at a very competitive price with rapid implementation.

The Tibero data warehouse solution for NSPK was implemented in just 2 months and was built to support the large scale data analysis & batch processing NSPK required, by implementing a fault-tolerant Tibero standby cluster configuration with Tibero as the primary database and used as the 2 standby server nodes, one online and the other with a 24 hour delay.
TmaxSoft were able to offer a flexible support solution to satisfy the customer's requests.

Tibero Standby Cluster (TSC) provides high availability, data protection, and disaster recovery as a core function of Tibero.

Best Project Award

Russia's Global CIO event is the official portal of the IT directors in Russia. It was established for the purpose of increasing communication among IT managers to improve competence of IT function.

The TmaxSoft NSPK project received the award for 'Best National Project' from Global CIO.

TmaxSoft is a global software innovator focused on data management, middleware and mainframe modernization, with solutions that offer enterprise CIOs viable alternatives to support their global IT powerhouses and drive competitive advantage. TmaxSoft has based its growth on a strong foundation of research and development, along with a sustained commitment to innovation. Today, we are working with over 2,000 customers around the world.

Tibero is the best enterprise RDBMS for the Virtual Data Center. Our licensing model allows enterprises to fully maximize their virtualization investment by only licensing the cores associated to a given VM, resulting in drastically lower TCO.

OpenFrame is a legacy rehosting solution that enables mainframe applications, resources and data to be migrated to a less expensive, high performance open system while reducing TCO, and minimizing risk of migration, all in very short timeframes.

JEUS is the first Web Application Server in the world to be J2EE 1.4, JAVA EE 5 and JAVA EE 6 Certified, and can deliver improved security over traditional WAS.

TmaxSoft was founded in 1997 and today, we have over 1,000 employeesin 20 strategic centers around the world

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