

case
study

Industry & Construction Bank

Industry & Constuction Bank Executes A
System Migration With GoldenGate™





Industry & Construction Bank of St. Petersburg (ICB) has been successful in the marketplace by providing quality, reliable services and offerings, and staying focused on customer satisfaction. In fact, with 4,700 employees and more than 55 branches, ICB has grown to become the sixth largest, net profit, commercial bank in Russia. And its ATM/POS network has also grown—now ICB is a leading issuer/acquirer in St.Petersburg.

Convenience and Reliability

In recent years ICB has broadened its business approach to include more consumer-oriented services. ICB has issued more than 620,000 Visa/EuroPay-branded bankcards and now has 300 ATMs and 2,000 POS devices located at supermarkets, specialty shops, restaurants and fast food outlets across northwestern Russia, from St. Petersburg to Moscow. Convenience and ease of use have made bankcards as popular in Russia as they are in Europe or the U.S. But providing that convenience means that the network must be available at all times.

Ensuring 100 percent uptime for large ATM/POS networks requires a dedicated disaster recovery system that provides for immediate failover in the event of an outage or disaster. In consultation with ACI Worldwide, ICB determined that real time data synchronization between the bank's primary HP NonStop™ 7-Series mainframe platform and a geographically remote secondary system would provide maximum reliability.

ICB worked closely with ACI and ultimately decided to invest in GoldenGate. Because of GoldenGate's flexibility and ability to move data around heterogeneous environments, ICB can not only solve its disaster recovery needs but also look ahead to future plans for cross-platform migrations and other data synchronization needs.

Meeting the Targets

To facilitate the migration of ACI CMS, the card management system, to a UNIX®/Oracle® platform, the bank needs to capture transactions as they happen at the database layer on the HP NonStop platform. Then, instantly transform and deliver that data to the secondary site, a RISC platform running an Oracle database. Cross-platform synchronization can be difficult to accomplish due to incompatibilities between operating systems

and databases. ICB, however, found a convenient solution — the Global Data Synchronization Platform from GoldenGate, which received very positive customer reviews. ICB began installing GoldenGate and its dispersed backup system hardware early in 2003 and went live several months later.

According to the bank's IT specialists, distributed synchronization is easy with GoldenGate. The solution can be configured very quickly and replication speeds are impressive. Transactions are recorded on the backup system in less than a second. GoldenGate software has no effect on system performance. The software is easy to monitor, easy to maintain and is very reliable.

"With GoldenGate we meet our targets. We know that if our primary ATM/POS processors ever went down, an accurate up-to-date backup is ready for switchover at all times" said Serg Shestakov, manager of computer systems department at ICB's IT directorate.

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*Serg Shestakov
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