

RESUME

LEONID GVIRTZ

Cellular: +972-54-4430373 Email: leonid@gvirtz-consulting.com
Location: Ramat Gan, Israel Nationality: Israeli
Web site: <http://www.gvirtz-consulting.com/>

Products experience:

RDBMS: Oracle (from v. 7.3), SAP Sybase ASE (from v. 12.0), SAP Sybase IQ (from v. 12.4.3), SAP SQL Anywhere, MS SQL Server (from v. 7.0), SAP HANA.

Replication and synchronization technologies: SAP Sybase Replication Server (including heterogeneous replication from/to Oracle and SQL Server), Replication in Oracle and MS SQL Server, Sybase Mobilink

Operating Systems: Solaris, Windows, Linux, HP-UX.

BigData Technologies: Hadoop, Hive.

Programming and scripting languages: Perl, Unix Shells, Java, VBScript

Modeling tools: PowerDesigner (from v. 6.1)

Work experience:

06.2008 – present **Freelancer consultant in database-related areas**
Consulting in various database-related areas.

Partial list of my customers and implemented projects:

- **SuperPharm.** – Migration of POS application from ASE 12.5.3 to ASE 15.7, planning and implementation of stress tests before the migration. Migration from Replication Server 12.6 to 15.6.
- **Verint.** Tuning of ASE 15.7 dataserver used by customer's product. Achieved significant performance improvement of the application throughput and database maintenance activities.
- **Verint.** A large-scale POC project with SAP Sybase IQ 16 on an 8-node IQ Mupltiplex and with database size of 110 TB. Design and development of a framework which allows efficient execution of spatial queries on huge amount of data in IQ 15/16.
- **3M Attenti (Dmatek, Elmotech).** Consulting in various SAP Sybase ASE – related aspects, such as design, performance & tuning, database-related development, educating

- of customer's developers. Migration of the main customer's product from ASE 12.5.4 to ASE 15.7.
- **Verint.** Consulting for a large project for adopting of Sybase IQ 15.2 by major products of the company. Design, consulting for developers, teaching on two courses for company's DBAs.
 - **Allot Communications.** Performance & Tuning of complicated queries for Sybase SQL Anywhere 12.0.1. POC & migration from SQL Anywhere 12.0.1 to IQ 15.4.
 - **NessPro (a branch of Ness).** Developing of a new fast method of importing of the data from Hadoop to IQ.
 - **NessPro (a branch of Ness).** Consulting for Sybase official representative in Israel for various projects, big and small. Planning and conducting of POCs for potential customers. Providing fast and efficient technical support for complicated cases. Teaching of official Sybase courses.
 - **TEOCO (former TTI Telecom). A large project in a big government organization.** Design, implementation and administration of a very big database (tens of TBs) running on Sybase IQ in multiplex configuration. Administration of a number of additional Oracle, Sybase IQ and Sybase ASE databases.
 - **TTI Telecom, Reliance project.** Tuning and administration of a number of big Sybase ASE dataservers for major Indian mobile communications provider. Establishing and tuning of replication between the ASE dataservers using Sybase Replication Server.
 - **Cellcom Israel.** Assistance in upgrade of production Sybase IQ database from version 12.5 to 12.7. Migration project of Eniq application (Ericsson) running on IQ 15.2. Performance and tuning and various maintenance for Sybase IQ, Sybase ASE and Oracle.
 - **Duda Mobile.** Administration and P&T of Oracle 11.2 in cloud environment (Amazon RDS).
 - **Nokia Siemens Networks.** Performance & Tuning for production Sybase SQL Anywhere databases, design and development of upgrade procedure from SQL Anywhere 9 to v. SQL Anywhere 11.
 - **Verint.** Successful POC for IQ 15.1 for the next generation of company's products. Performance and tuning sessions for busy Sybase Replication Server environment (Warm Standby replication between two Sybase ASE dataservers).
 - **NetApp.** Implementation of storage-based backup & recovery for Sybase ASE. This activity was performed for one of NetApp's customers abroad and completely remotely, even without connection to the site.
 - **Precise.** Consulting in Sybase Replication Server area.
 - **McAfee (Sentrigo).** Consulting for a startup company that develops sophisticated product for Sybase ASE, Oracle and SQL Server security monitoring.
 - **Bezeq.** Consulting in administration of Sybase ASE 15 and Replication Server 15.
 - **Malam-Team.** Assistance with migration of Sybase ASE to new EMC storage for a major hospital.
 - **Net-Pos.** Performance and tuning sessions for Sybase SQL Anywhere and Mobilink

In 2013 I developed a solution for **high-speed geospatial queries in SAP Sybase IQ**. I presented my solution on **SAP Teched 2013 conference** in Las Vegas.

ISUG Journal has published my article about ASE 15 in its June 2010 issue. I actively participate in a number of Sybase-related technical forums. See more details about me on my web site.

I actively participate and contribute on various database-related forums. Also, I blog about interesting technical topics at <http://leonid-gvirtz.typepad.com/blog>.

I developed a set of scripts for DDL generation in SAP Sybase IQ, which is used by many organizations all over the world.

04.2003 – 06.2008 SRL Tech, Senior DBA Consultant

- Database administration and consulting in all database – related areas (administration, P&T, design, development).
- Working with Sybase RDBMSs (ASE, IQ, ASA), Oracle and MS SQL Server.
- Working with very large and loaded systems (most of them 24x7).
- Technical supervising of small sub-teams (up to 2 people) for specific projects.
- Working on a number of problems in parallel most of the time. A lot of experience in self-management.
- A lot of work with customers. Writing of documents for customers like summaries of consulting/tuning sessions, performance benchmarks etc.
- Access to internal Sybase resources.

Partial list of implemented projects:

- **TTI Telecom – Senior Oracle and Sybase DBA** for 2.5 years, almost full time job with short-term consulting projects for other clients. Work with very large and loaded databases (Oracle, Sybase ASE, Sybase IQ) and also Sybase Replication Server. Consulting for various TTI projects in Israel and abroad (mostly telecom companies). Activities mostly involve P&T, database administration, development of maintenance scripts, participating in design of applications, consulting for developers and integrators.
- **Superpharm – Senior Sybase DBA** on site for 1 year, 1500 concurrent users in the

main dataserver (Sybase ASE), work with OLTP and DW databases with Sybase replication between them, 120 ASA databases in branches, lots of P&T.

- **Verint – Consulting in P&T and design areas** on a number of occasions. Resolving of critical production problems with Sybase ASE and Sybase Replication Server. Teaching on internal course for Verint's clients from abroad.
- **Allot Communications – full time DBA** for 5 months, P&T of big Sybase ASE production environment and consulting for other company's projects. Design for existing and new database systems for different company departments.
- Short term consulting projects for clients like: Bank Discount, Bank Hapoalim, Cisco, Cellcom, Bank Igud, some military organizations in Israel etc.
- Teaching on a tailor-made course about Sybase IQ Administration for Oracle DBAs

09.2000 – 04.2003 EZFace Ltd. (Israel), DBA & database developer

- Design and development of infrastructure services responsible for data flow within the company with Delphi, ADO, OCI, Perl, Visual Basic.
- Database administration (Oracle 8i on Solaris and Windows, MS SQL Server 2000, MySQL) including performance & tuning, development and implementation of backup and recovery strategies, data replication and exchange between different databases, installation of database servers.
- Development of stored procedures and triggers in databases.
- Design and implementation of conceptual and physical models of databases.
- Development of GUI database applications (primarily on Delphi).
- Support for various system and infrastructure works (mail servers' maintenance etc.)
- Support for web developers in the database area.
- Development of reports for company management and clients.

07.1995 – 08.2000 AtlanticTransGazSystem, Moscow, database developer

- Development of client-server RDBMS applications on corporate level (data input applications, report systems) using Delphi, FoxPro, Oracle Forms.
- Development of stored procedures and triggers (primarily for Oracle v. 7.3 to 8i)

- Development and deployment of conceptual and physical models of databases
- Tuning of queries

Additional Information:

Recommendations from my customers are available upon request.

Education:

1993 – 1999 University of Electronics and Mathematics (MIEM), Moscow, M.Sc.

Languages:

Hebrew, English, Russian (mother tongue).