



## TEMBO Technology Lab (Pty) Ltd Announces Non-Disruptive, Non-Invasive, Low-Risk Migration Tool To Native SQL Engine On DB2

TEMBO Technology Lab (Pty) Ltd is honored to announce the availability of their AO Foundation product that facilitates upgrading and migrating all ISAM (record level access - DDS) databases to the native SQE (SQL) engine without the use of surrogates, any LVLID changes or any recompilation of programs.

Anaheim, California –(May 6, 2012)– TEMBO Technology Lab, a specialist applications modernization technology development house in the IBM i platform space, today announced the availability of AO Foundation, a product that facilitates and automates the migration of all legacy (ISAM or DDS) databases to the latest DDL (SQL/SQE) implementation of DB2 on IBM i.

### SQL (DDL) the foundation of all modernization

Should the IBM modernization roadmap and all the announcements since approximately 2000 be closely analyzed, it is clear that the SQL database engine is a fundamental consideration for modernization. Until this announcement, migrating to the SQL engine has been either labor intensive, or at least problematic. This is caused by either the use of surrogates, or the requirement to recompile your programs.

The requirement to truly modernize our rich heritage (the so-called “legacy” which made companies hugely successful), demands that users migrate to the SQL engine, to truly leverage the applications and the platform, and to use the SQL engine as foundation for all modernization.

## The benefits from following this modernization roadmap:

- Immediate, low risk, non-disruptive exploitation of the native SQL database engine.
- Solid foundation for future modernization projects.
- Your database now presents itself as modern to the outside world and your end users.
- AO Foundation removes the tedium and error-prone repetition out of upgrading to the SQL (SQE) engine, allowing you to focus on value adding aspects of application modernization.
- No “vendor lock-in” – we deliver your database back completely under your control.
- No LVLID changes during Phase 1 (initial DDS to DDL migration) of database upgrade process, hence no recompilation of ANY code.
- Massive potential performance benefits
- AGILITY
- FULL, native IBM i based management of your ISAM and SQL database(s) on DB2 for i.
- Gradual, non-disruptive, low-risk roadmap
- Unshackled applications, unlocking the full value of your IT investments
- Gradual sanitizing of metadata, structural metadata and database
- Multi-Tier architecture

## Integration/Support of IBM services:

- IBM Data Mobility Services - By converting your database to SQL you make migration of data a lot simpler as you have the use of long field names. Cross-platform data migration suddenly becomes far easier. In most cases you also have the ability to synchronise the data bi-directional in a live environment.
- IBM Storage Optimization and Integration Services - Data storage is optimized through the use of SQL tables. By implementing referential constraints, triggers, etc. directly into the database, the reliability of the data is moved to the right place. The application of intelligent data analytics to your storage infrastructure is vastly improved by implementing a SQL database.
- IBM Storage and Data Product Services - AO allows nondisruptive migration of data without significant performance delays. Data migrations can be customized to speed up the process and help provide data integrity, simplifying the technology refresh process.

## Quotes:

Marinus van Sandwyk, Founder and Chief Technology Officer, TEMBO Technology Lab:

“We are pleased to have been able to make a small contribution in assisting the installed base to leverage our very rich heritage. We have such an amazing platform, with such a bright future, that we believe it is imperative that users truly exploit the capabilities of DB2 on IBM i, and use this incredible database as foundation to gradually modernize the applications which made their companies so successful.”

## Links:

Adsero Optima: [www.adsero-optima.com](http://www.adsero-optima.com)

TEMBO Technology Lab (Pty) Ltd: [www.tembotechlab.org](http://www.tembotechlab.org)

[YouTube announcement](#)

## About TEMBO Technology Lab (Pty) Ltd

TEMBO Technology Lab (Pty) Ltd is an organization dedicated to unlocking value in IT investments by providing solutions in the application modernization space and improving efficiencies within IT development projects. The primary objective is to facilitate in the unlocking of existing value within an organization's software and infrastructure, assisting to maximize the return on investment of the current infrastructure. TEMBO focuses exclusively on the "application modernization" space throughout the full spectrum, starting with the database (DDS to DDL – {ISAM to SQL}), rendering to ANY delivery channel and recovering the discrete business rules, whilst implementing multi-tier architecture (MVC). This is achieved with minimum disruption using a low risk, gradual, iterative modernization roadmap.

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