

DB2[®] SOLUTIONS OVERVIEW



Click images below for detail data sheet. PDF at www.ESAIGroup.com/DB2Overview.pdf

Free up your experienced resources using expert systems to support your mission critical environment



BPA4DB2[™]

The Ultimate Buffer Pool Analyzer

Tuning saves money. Is your staff spending days or weeks sifting through trace & statistic data? Using old, time-consuming simulation tools? A tool like BPA4DB2 lets you know in one GUI panel where you stand & quickly reveals the best candidates to tune for maximum performance & savings. It also provides needed pool guidance for a smooth DB2 version migration. BPA4DB2 is the only tool that:

1. Easily identifies tuning candidates
2. Recommends corrective action
3. Maintains performance over time with pro-active alerts.

Don't let your DB2 buffer pools kill your performance & force you into making costly hardware & software upgrades.



SQLQC[™]

SQL Quality Control for DB2

Many SQL statements, from mainframe and distributed systems, are processed through DB2 z/OS. Identifying and improving dynamic or static SQL can be a difficult task. SQLQC helps find which SQL statements have potential for optimization and helps prioritize limited staff resources for this task. It analyzes the DB2 workload and offers suggestions for improvement.

- SQL impact analysis
- Index advisor
- SQL history to examine statement quality over a period of time
- Grouping by patterns
- Analyze distributed SQL problems

Automated analysis of Static & Dynamic statements from different SQL environments. Finds problems and helps in improving SQL performance.



ULT4DB2[™]

Log Tracker for DB2

Why is a good, reasonably priced log analyzer so hard to find? Look no further, ULT is the faster, better and more economical alternative. DBA's and programmers can quickly identify, isolate and UNDO unwanted changes. Auditors can use ULT for meeting their compliance and audit needs. Plus, the product has propagation functionality to output change data in a variety of formats (SQL, CSV, SYSREC) to the same or different platforms. ULT's efficient design delivers extremely fast execution times. Functionality, speed and reasonable licensing.

Provide REDO and UNDO SQL for data repair or data propagation. Find Quiet Points for Recovery & support auditing tasks.



XM4DB2[™]

The Exception Master for DB2

Find it a challenge to monitor a growing number of DB2 subsystems? Are traditional monitors failing to help staff prevent delays/outages? XM4DB2 pro-actively scans critical DB2 systems looking for indicators of current or future problems – what we call 'exceptions.' For example, looming space shortage on tablespaces or abnormal job ends leaving objects in a restricted state. XM anticipates, detects & alerts staff (or alternatively takes remedial action) to potential problems. Smart, intelligent exception handling for greater DB2 availability.

Find problems before your users do. This exception master provides the next level of supervision & reporting.



TEST DATA MANAGEMENT FOR z/OS[®] + Fast Database & Table Copy for DB2[®]



Click images below for detail datasheet. PDF at www.ESAIGroup.com/doc/TDMOverview.pdf



BCV4[™]

**DB2 Clone,
SAP HSC**

Need to clone a full DB2 subsystem? SAP Homogeneous System Copy? PeopleSoft clone? DB2 version upgrade testing? BCV4 is the ideal clone/copy tool for DB2 testing, data warehouse, shadow system and other copy/replication needs. BCV4 is the fastest solution available for DB2 and/or IMS full subsystem clones. BCV4 is the first and most sophisticated cloning solution on the market that works with volume copies or with IBM Flashcopy, EMC Timefinder and Hitachi hardware assist copy mechanisms.

Clone a complete DB2 subsystem in minutes instead of days. Lightning fast DB2, SAP and PeopleSoft cloning technology.



BCV5[™]

**Fast Database
Copy & Refresh**

BCV5 performs selective database/tablespace/tablelevel clones, copies and refreshes in the shortest time possible. BCV5 saves on average up to 90% CPU, elapsed run time and I/O's in comparison to other vendor's unload/reload and fast copy utilities. Copies and refreshes of data once thought to "take too long" can now be scheduled on a regular basis. BCV5's unique structure analysis & multi-threaded copy function achieves superior copy and refresh times with reduced overhead and execution time. Should sensitive data need to be masked, a BCV5 Reduction and Masking option is also available.

Fast clone/copy/refresh of selected DB2 databases, tablespaces, tables. Runs 10 times faster than any other vendor tools.



**BCV5[™]
Icebox**

**Intermediate
Copy & Refresh**

Need to provide DB2 data from last week, last month or last year? Want an automatic and efficient way to recreate everything, DDL and data in record time? BCV5 Icebox takes fast snapshots on demand or periodically, and restores the objects or databases where and when needed using specified names. Issues of compatibility as well as completeness no longer cause any concern. Icebox packages the DB2 Version x imagecopy and later restores it to any other DB2 target version required. Upgrade to a newer version of DB2 knowing that former image copies will be still available for future needs.

Fast clone/copy/refresh of selected DB2 databases, tablespaces, tables. Runs 10 times faster than any other vendor tools.



BCV6[™]

**NonStop
Copy & Refresh**

Need a copy or refresh of data but cannot afford to stop the source/production database? BCV6 copies without stopping the source objects. BCV6 includes the functionality of BCV5 plus the capability for copy, refresh/replication without impacting the 24x7 operation of your shop. BCV6 is the perfect solution for non-stop I.T. shops that require speed, availability and integrity when it comes to their database copying, refresh and replication needs.

If you run a 24x7 shop, copy your DB2 tables with data integrity & without stopping your database.



TEST DATA MANAGEMENT FOR LINUX/UNIX/WINDOWS



Click images below for detail datasheet. PDF at www.ESAIGroup.com/doc/TDMOverview.pdf



XDM™ Database Cloning

XDM-DC intelligently automates the creation of a pre-production or other target environments. Source databases can be cloned or duplicated while live and operational. Database logs are used to ensure consistency. With XDM-DC, database copies or clones can now be made at any time. The product is able to synchronize the cloning process of different DBMS types across same or different platforms. XDM-DC provides testers with an intelligent tool for creating a consistent pre-production or other environments (QA) which are synchronized to a point-in-time across DBMS' and OS platforms.

Cost-efficient creation of a clone from heterogeneous databases to a single point in time. Supports DB2 LUW and DB2 z/OS, Oracle, and SQL Server.



XDM™ Table Copying

XDM-TC is designed to automate the copy process at the table level. The product drastically reduces all manual efforts necessary to prepare and execute the copy. XDM-TC creates objects in the target and automatically handles:

- creating specific DDL
- copy to existing target objects based on your site policies
- renaming of objects
- masking and anonymizing of data based on your site policies

XDM-TC dynamically selects the best copy process for the particular objects so that the test environment is ready as fast as possible. Copy processes can be run ad-hoc or be scheduler driven.

Fast, error-free data migrations in and between relational database systems such as DB2 LUW and DB2 z/OS, Oracle, and SQL Server.



XDM™ Row Level Processing

XDM-RLP selects specific data at the row level. The users of XDM RLP benefit from its capability to collect relevant parent and child connections linked to the start values. The product provides meaningful, complete data for software testing purposes. XDM-RLP can be easily used by any staff working in the IT department, no special DBMS knowledge is required. Like XDM's TC component, RLP can apply masking rules to adhere to the company data privacy policies. XDM-RLP is also able to handle inquiries crossing OS and DMBS platforms.

Extract complete test case data from DB2 LUW and DB2 z/OS, Oracle, and SQL Server on demand.



XDM™ Icebox

The ICEBOX component freezes data and makes the frozen data available in any environment at the push of a button. The feature is available for both the XDM-TC and XDM-RLP products. ICEBOX stores data in a repository for future use. This repository can be used quickly to restore test cases, training environments, etc. Upon demand, the ICEBOX simply and quickly makes the data available again. The target can be the original source environment of the data or any other environment. ICEBOX takes care of the DDL generation necessary to implement the frozen data in the target. Test data can be preserved and reactivated effortlessly. Freeze test data for future usage.

