

## Advantage Competitive Matrix

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	Advantage	MySQL	Pervasive	MS SQL Server	MS SQL Express	Interbase	DBISAM	NexusDB
<b>Supported Languages</b>	Delphi, .NET, Java, Kylix, VB, C, C++, C++Builder, Xbase++, Harbour, Perl, PHP, Clipper, VO.	C, C++, Delphi, VB, Eiffel, Java, Perl, PHP, Python, Ruby, Tcl, .NET	C, C++, VB, Delphi, .NET (OLE DB only), Java.	All. Only through .NET Provider, ADO or ODBC. No native drivers	All. Only through .NET Provider, ADO or ODBC. No native drivers. Mostly focused toward Visual Studio	Delphi, C++ Builder, Kylix, VB, Jbuilder, DataSnap, Perl, PowerBuilder, .NET	Delphi, C++ Builder, Kylix	Delphi C++ Builder
<b>Programming Interfaces</b>	ODBC, OLEDB(ADO), TDataSet, Descendant, ACE API, DBI, PHP, VO, RDD, Clipper RDD, .NET, JDBC	.NET, ODBC, JDBC, OLE DB, ZEOS (Delphi component suite for database access)	ODBC, ADO, OLEDB, JDBC, ActiveX, Btrieve, DTI	ODBC, OLEDB, .NET Provider, JDBC & API	.NET Provider	ODBC, JDBC, dbExpress, IBX, .NET	ODBC, no OLE DB or .NET Provider	DB Express Driver ODBC ADO.NET Provider
<b>Current Release</b>	Advantage v7.1	v4.0	Pervasive.SQL v8.0	SQL Server 2003. 2005 version coming in March of 2005	MS SQL Express 2005	Interbase v7.1	DBISAM v4	NexusDB 1.08
<b>Alliances</b>	Borland (informal)	Novell, Red Hat	MS Great Plains, Nortel, Computer Associates	Many	Many	Borland	None	None
<b>Support &amp; Maintenance</b>	none for partners	Expensive (listed on their website) \$1500-48,000	Expensive	Some free options for developers in MSDN network. Paid contracts start at \$1950		Expensive (20% of license fee in US .33% in Germany)	Inexpensive. Mostly via NG or email	NGs Only
<b>Supported OS</b>	NT/2000/2003, 98/ME, XP, NetWare, Linux	NT/2000/2003, 9x, XP, NetWare, Linux, Solaris, UNIX, Mac OS X	NT/2000/2003, Netware, Linux	NT/2000/2003	NT/2000/2003	NT/2000/2003, 9x, Linux, UNIX, Solaris, NetWare	Windows	Windows
<b>Strengths</b>	Low cost of ownership (no DBA), support is free to partners, high performance, cross platform, easy to migrate from other RDBMS	Good market penetration worldwide especially with open-source community bundled with Netware, cross platform. Active at tradeshows and have regular training events generally within Europe and the US. Very inexpensive, low price, unlimited user per server. Free to test & develop with.	Former B-Trieve, close relationship with Novell and IBM for embedded market. Large install base. Active at marketing to IT managers and starting up more training events around Europe and the US.	Well known, highly functional & stable. Good image with developers and IT managers	Well known, highly functional & stable. Free the only restriction is functionality, there are no user limitations	Part of Borland, very well know with Delphi market	Very low cost, no royalty deployment. Very easy deployment. Good integration with Delphi	Low cost, no roylaty deployment.
<b>Weaknesses</b>	Weak product awareness. Sometimes perceived as "clipper only". No strong partnerships, no unicode	licenses more expensive than ADS, high support costs, high charge for training. No triggers or stored procedures at this time. No native Delphi components	Support costs are high, support at times not responsive, does require some DBA. Delphi solution is very weak and is licensed from a 3rd party, looks like they are abandoning Delphi as a market. Higher royalties than ADS	Not cross-platform. Deployment is difficult and requires a database administrator and may require special hardware. No native Delphi support. Expensive licensing and cost of ownership.	Only available for 1 CPU and 4GB total database size, scalability is limited. No full-text search. Language support is mostly limited to Visual Studio, not focused on Delphi. No transactional processing.	High support costs, uncertain support future from Borland. Royalties are a little higher than ADS	One-man operation. Lacking key functionality and doesn't scale to large users bases very well	New version of Flashfiler. New to market with limited resources & financial backing. No concurrent transaction support, which impacts multi-user performance
<b>Targeted Messages/Questions</b>		Commercial license must be purchased for commercial applications. Support Costs. Will you require triggers & stored procedures. We've heard some VB developers feel the ADO access doesn't perform well. No native Delphi components. ADS is only .NET Provider with relational & navigational access	How good is there Delphi support & connectivity? Looks like they are changing their business model away from DBMS to data & application integration. What are there reseller programs like. What are their plans for .NET, why don't they have a provider? Do you require full-text search	What's their reseller support like? Will you ever want Linux support? Will you ever need to deploy to an environment that doesn't have a DBA? What is the conversion process like? How expensive are upgrades to new versions?	What is MS's long-term plans with this? Will there ever be any upgrade fees? What about extensive deployment and DBA requirements?	Are you still going to have to deploy the BDE or have you replaced BDE with IBObjects, or some other TDataSet? What is Borland's future with Interbase? Have you considered that moving from the BDE to IBObjects mean re-writing a lot of your data aware components?	How stable do you feel their support is and long term commitment? How scalable is the product, will you outgrow it? Do you ever want triggers, stored procs, clustering, etc?	Limited support and mainly focused towards the Delphi market. Limited roadmap beyond .NET. No support for Data Dictionaries (and the security/permissions they provide), Triggers or Stored Procedures. No concurrent transactions
<b>Other Notes</b>		Very strong in the PHP and web developer communities		Requires a "certified" administrator. Administrator certification is expensive and difficult to obtain	Many limitations, including 4GB total database size. Refer to SQL Express_comparissons doc located in Exchange Public Folders for details.			Drivers can cost as much as \$500.
<b>.net provider</b>	yes	yes	no		absolutely	yes	No. One available from 3rd party	yes
<b>Native Delphi Components</b>	Yes	no	Yes	no	OLEDB & ODBC connectivity is limited	Yes	yes	no
<b>JDBC driver</b>	yes	yes	yes	yes	no	yes	no	no
<b>mobile RDBMS</b>	no	no	no	yes	no	no	no	no
<b>Secure user authentication and permissions (DD)</b>	Yes	no	yes	yes	yes	yes	no	no
<b>Replication</b>	yes, purchased separately	yes. One-way only	yes, purchased separately	yes		yes, purchased separately	no	yes, backup only
<b>Clustering</b>	yes	yes	yes	yes	no	yes	no	no
<b>Triggers</b>	yes	no	yes	yes	yes	yes	no	no
<b>UNIX support</b>	no	yes	no	no	no	yes	no	no
<b>Unicode</b>	no	yes	yes	yes	yes	yes	no	Unknown
<b>SQL support</b>	yes	yes	yes	yes	yes	yes	yes	yes
<b>Stored Procedures</b>	yes (extended procedures)	no	yes	yes	yes	yes	no	no
<b>Views</b>	yes	no	yes	yes	yes	yes	no	Unknown
<b>Full text search</b>	yes	yes	no	yes	no	yes	yes	no
<b>Tools/SQL execution plan</b>	Yes	no	Yes	yes	yes	Yes	no	no
<b>Internet Connector</b>	yes	yes	yes			yes	yes	yes
<b>Crystal Reports Driver</b>	yes	no	yes, purchased separately			no	no	no