

## Comparison of DBI Products and BMC SmartDBA

Feature	<b>Brother-Panther</b>	SmartDBA	Notes
Streamlined performance	X		Brother-Panther will start the user
workflow			off with the performance status of all
			their databases and allow them to
			drill into problem areas and identify
			and fix performance issues.
Identify configuration	X		Brother-Panther will add the ability
changes that lead to			to identify changes to databases and
performance issues			servers that have lead to performance
			issues.
Diagnose and resolve	X	X	Brother-Panther will continue to
space management			diagnose and resolve space related
performance problems			performance problems.
Online reorganization	X	X	Brother-Panther will continue to
			support online reorganizations.
Diagnose and resolve SQL	X	X	Brother-Panther will continue to
execution performance			diagnose and resolve SQL execution
problems			performance problems.
SQL Equalization	X	X	Brother-Panther will continue to use
			the patented SQL equalization
			method for analyzing SQL
			performance.
Explain SQL SELECT	X	X	Brother-Panther will continue to
statements			explain and graphically display SQL
			execution plans.
Generate SQL rewrites	X	X	Brother-Panther will continue to
			generate alternative SQL rewrites for
			Oracle that improve performance.
Physical database design	X	X	Brother-Panther will leverage the
analysis			Oracle and DB2 design advisor to
			provide physical design
			recommendations to improve
			performance.
Real-time database	X	X	Brother-Panther will continue to
performance monitoring			allow the user to monitor the
			performance of a database in real-
			time.
Identify and terminate	X	X	Brother-Panther will streamline the
blocking/runaway sessions			process of identifying and
			terminating blocking or runaway
			sessions. This will continue to be
			part of the real-time database



Feature	<b>Brother-Panther</b>	SmartDBA	www.database-brothers.com  Notes	
			performance monitoring component.	
E-mail alert notification	X	X	Brother-Panther will continue to	
			allow users to be alerted of	
			performance issues via e-mail.	
User customizable	X	X	Brother-Panther will continue to	
performance alert	allow users to customize		allow users to customize	
thresholds			performance alert thresholds.	
Expert performance	X	-		
advice		expert advice provided to the user.		
Performance trend reports	X		Brother-Panther will add a set of	
1			canned performance trend reports.	
User developed	X	X	Brother-Panther will allow	
performance reports			customers to create their own reports	
1			against the central performance	
			repository.	
Auto-generated	X		Brother-Panther will generate	
schedulable resolution			standard scripts that can be	
scripts			scheduled and executed within a	
r ·			customer's preferred job	
			management and change control	
			systems.	
Space performance data	X	X	<i>Brother-Panther</i> will continue to	
collection			collect space related performance	
			statistics necessary to efficiently and	
			effectively diagnose space	
			performance issues.	
Static and dynamic SQL	X	X	Brother-Panther will continue to	
performance data			collect SQL execution performance	
collection			statistics necessary to efficiently and	
			effectively diagnose SQL	
			performance issues.	
Configuration data	X		<i>Brother-Panther</i> will add the ability	
collection			to collect system and database	
			configuration information to	
			efficiently and effectively identify	
			environment changes that may have	
			caused performance issues.	
Autonomic performance	X		Brother-Panther will add the ability	
data collection			to collect more or less performance	
			statistics based on performance	
			thresholds and trends.	
Centralized performance	X	X	Brother-Panther will use a central	
data repository			performance data repository for both	
1 ,			DB2 and Oracle. In addition, it will	
			contain logical data model that can	



Feature	<b>Brother-Panther</b>	SmartDBA	Notes
			be accessed by the customer directly
			for their own reporting needs.
Fault-tolerant	X		<i>Brother-Panther</i> will be self-
			diagnosing and fault-tolerant to
			network and database outages.
			Collectors will cache their collected
			data if the repository goes down and
			will automatically load the cached
			data when it becomes available
			again. Collectors can be disabled
			when databases are brought down for
			routine maintenance.
Execute native SQL	X	X	<i>Brother-Panther</i> will continue to
statements interactively			allow users to execute ad-hoc native
			SQL statements interactively.
Simplified install and	X		<i>Brother-Panther</i> will simplify the
configuration			install and configuration of the
			solution to reduce or eliminate
			systemic problems encountered by
			SmartDBA.
New licensing mechanism	X	X	Brother-Panther will provide a new
			database server based licensing
			mechanism.



## **Target Environments**

Q60: What Target Environments will be supported by the DBI Products?

A60: Brother-Panther will be available for the following database server environments:

OS	Architecture	Oracle 9i & 10g	UDB 8.1 & 9	Comments
Windows XP	x86 (32 bit)	X	X	
Pro				
Windows	x86 (32 bit)	X	X	
Server 2003				
IBM AIX 5.3	32/64 bit	X	X	
IBM AIX 5.2	32/64 bit	X	X	
Solaris 10	32/64 bit	X	X	
Solaris 9	32/64 bit	X	X	
RedHat Linux	x86 (32 bit)	X	X	
3.0				
RedHat Linux	x86 (32 bit)	X	X	
4.0				
HP-UX 11.11	32/64 bit	X		To be
				determined.



## **Obsolete Functionality**

Q70: When I migrate to the DBI Products, what functionality is removed? And why?

A70: DBI carefully evaluated all of the features and functions of SmartDBA when creating the replacement products Brother-Eagle and Brother-Panther. Some functions were removed because they were made obsolete by native functionality provided by the database itself.

## Removed Features and Functions Include:

- DBA Cockpit is removed. This is redundant with IBM Control Centre.
- Overflow Row Repair is removed because DB2 REORG INPLACE provides a better solution.
- View/edit database and database manager parameters. These changes should be under some kind of customer change management control. As part of the performance resolution process, the replacement product will make prescribed parameter changes (and physical design changes) under DBA control.
- Job Management use customer job management and change control systems.
   Mission critical environments are locked down and have strict change control processes and procedures in place that must be adhered to by applications vendors.