

## Plug and Play Scalability and Performance Solution

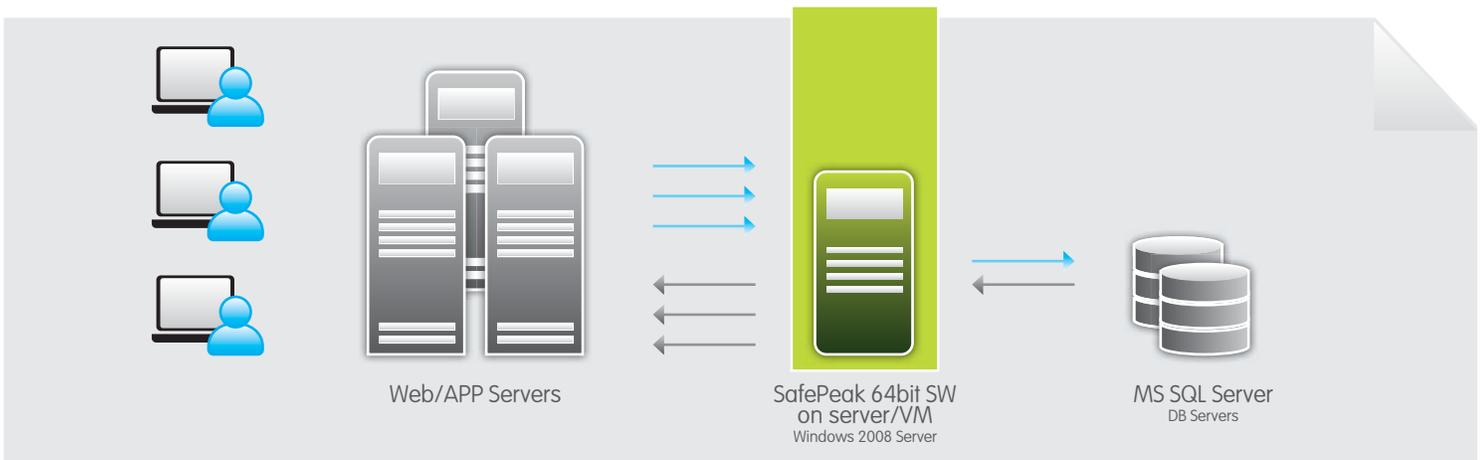
Automated In-Memory Dynamic Caching

“We are extremely excited about the performance of SafePeak. It has shown increased overall performance by 380% at load peaks with an average 126% improvement. SafePeak especially shines during times of high usage spikes, where the SafePeak difference in handling traffic peaks is clearly obvious.”

Ami Levkovitz, Globes CIO

SafePeak accelerates data access speed to microsecond level while cutting database load dramatically. No changes are required to applications, databases, queries or stored procedures.

SafePeak is installed in minutes, fine tuned in hours and the improvements are applied to all parts of the application.



SafePeak works as an automated, pro-active smart “results caching” solution that sits between application servers and database servers and works as a seamless proxy.

SafePeak offloads repeating read («Select») queries, and stored procedures, thus increasing database capacity for handling transactional queries and updates.

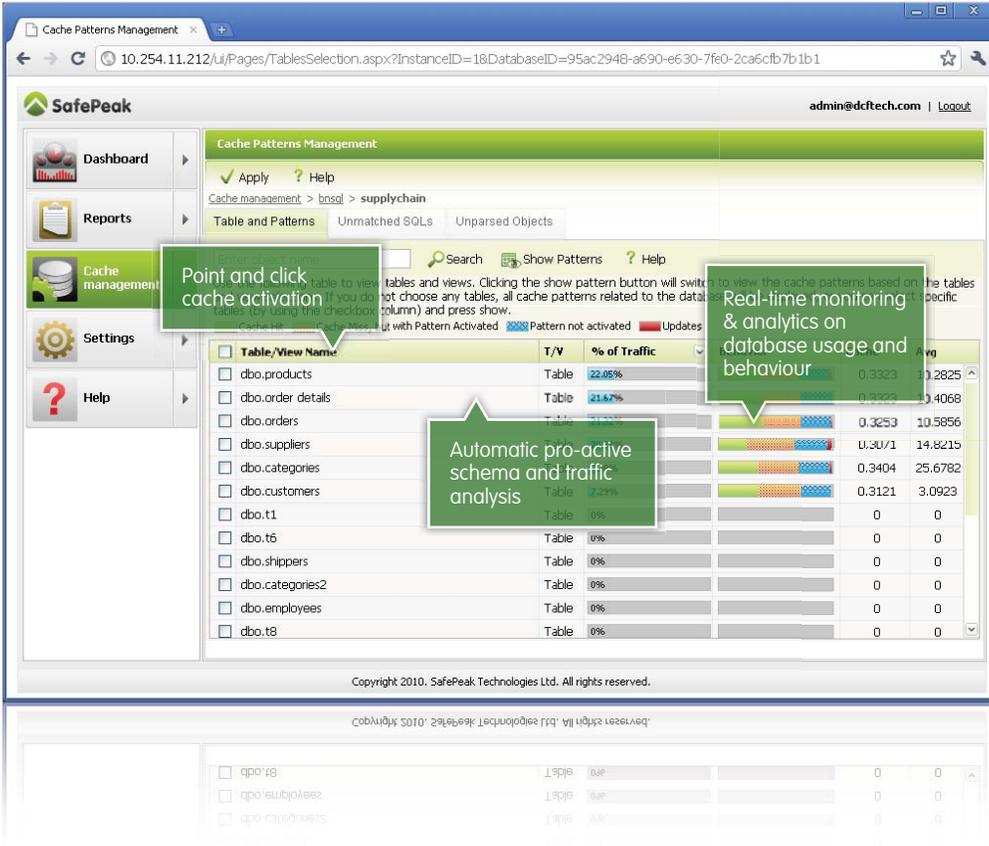
SQL Server load is cut by 50-90% (x2-x10) freeing resources for transactions that actually perform data changes. Patent-pending auto-learning caching algorithms store repeatable SQL statements results in RAM, greatly reducing database server load, eliminating traffic bottlenecks, increasing scalability and transaction throughput.

Web portals, e-commerce sites, SharePoint, ERP , CRM Systems and Call-centers are great examples of applications that SafePeak will provide immediate benefit to.

SafePeak application acceleration has direct impact on improving customers satisfaction, increasing page views, increasing sales conversions, improving staff productivity and getting better IT infrastructure utilization.

SafePeak brings immediate resolution to application or database latency challenges, data bottlenecks and load during peaks. With SafePeak you will maximize your IT investments by better utilizing them, therefore reducing overall costs.

## Intuitive Interface Provides Full Control



Point and click cache activation

Automatic pro-active schema and traffic analysis

Real-time monitoring & analytics on database usage and behaviour

Table/View Name	T/V	% of Traffic	Cache Hit	Cache Miss
dbo.products	Table	22.05%	0.3323	10.2825
dbo.order details	Table	21.67%	0.3323	10.4068
dbo.orders	Table	11.13%	0.3253	10.5856
dbo.suppliers	Table	8.44%	0.3171	14.8215
dbo.categories	Table	8.24%	0.3404	25.6782
dbo.customers	Table	8.24%	0.3121	3.0923
dbo.t1	Table	0%	0	0
dbo.t6	Table	0%	0	0
dbo.shippers	Table	0%	0	0
dbo.categories2	Table	0%	0	0
dbo.employees	Table	0%	0	0
dbo.t8	Table	0%	0	0

### Key solution benefits

- ▶ Accelerate Any Application: New, legacy, yours or 3rd party.
- ▶ Microsecond Speed to Any Query, coming from SafePeak caching memory.
- ▶ Reduce Database Load by 90% and increase overall throughput capacity by 100-1000%.
- ▶ Get more IT efficiency & agility With less TCO and fast ROI.

Installation, Configuration and Deployment in minutes to hours. No code changes, no altering of queries, no drivers or agents. Real-time monitoring with advanced analytics on data usage.

## An Inside Look

SafePeak is an intelligent and sophisticated dynamic caching mechanism for applications and databases.

Acting as a seamless proxy, SafePeak caches the binary result-sets of repetitive read queries in RAM memory for microsecond access speed, relieving up to 90% of workload on database servers. No changes made by SafePeak to database schema, data and queries syntax.

SafePeak fully supports any read-write database transactions, stored procedures, RPC and other ways for applications to interact with databases, ensuring at all times 100% data integrity. SafePeak is completely transparent to application technologies.

SafePeak self learning algorithms manage 99% of the configuration. Analyzing both the database schemas and the application traffic to database, SafePeak creates optimized caching patterns and improves them over time.

A single SafePeak instance supports multiple database servers/instances, while providing both software failover bypass and hardware high availability solution out of the box.

Download trial now:  
[www.safepeak.com/Download](http://www.safepeak.com/Download)