

ENABLING UPTIME, PERFORMANCE AND SCALE FOR YOUR CRITICAL APPS IN A DATABASE ENVIRONMENT

IgniteTech's ScaleArc solution is a database load balancer and website performance accelerator. It enables database administrators to create highly available, scalable — and easy to manage, maintain and migrate — database deployments. ScaleArc works with Microsoft SQL Server and MySQL as an on-premise solution, within the cloud for corresponding PaaS or as DBaaS solutions including Amazon RDS or AzureSQL.

FOR IMPROVED AVAILABILITY AND PERFORMANCE

Even with modern databases that offer scalability and automated failover, you need a solution that extends those advantages at the application tier. Database load balancing software enables an agile data tier consistently across your environments, and it inserts transparently between your apps and your databases with no changes needed to either.

IgniteTech's ScaleArc solution keeps applications working properly and functioning despite interruptions and switchovers at the data tier. And because of the deep integration with Microsoft SQL Server™ AlwaysOn technology and MySQL™ automatic failover, it delivers high performance and maintains continuous availability for applications despite database failover.

SCALEARC COPILOT

ScaleArc CoPilot is a GenAI personal assistant designed to improve ScaleArc's user experience. Deployed as an add-on, CoPilot integrates directly into the admin console, providing instant assistance on procedures, performance metrics, and security monitoring. With its GenAI-powered chatbot, administrators receive real-time guidance, streamlining tasks and minimizing the need for external resources.

- Build highly available database environments
- Ensure zero downtime during database maintenance and reduce risk of unplanned outages by automating failover processes and intelligently redirecting traffic to database replicas
- Effectively balance read and write traffic to dramatically improve overall database throughput
- Consolidate database analytics into a single platform, allowing administrators and production support to make more efficient and intelligent decisions, thus saving time and money
- Seamlessly migrate to the cloud and between the platforms without incurring application downtime

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IgniteTech's ScaleArc solution lets you upgrade your apps to be consumer-grade — never down, always fast, scale anywhere — with no code changes. Adding our database load balancing software to the data tier has enabled organizations big and small to drive substantial revenue increases and operational cost reductions.

For example, we've enabled:

- **\$188K in savings** — from avoiding application downtime during a single database failover
- **\$2M in increased revenue, every year** — from avoiding downtime from maintenance windows
- **\$3M in increased revenue, every year** — from doubling website performance
- **\$320K in savings** — from avoiding dev time recoding for database scaling
- **2x faster app rollout** — from dev time avoided

MULTI-DATABASE SUPPORT

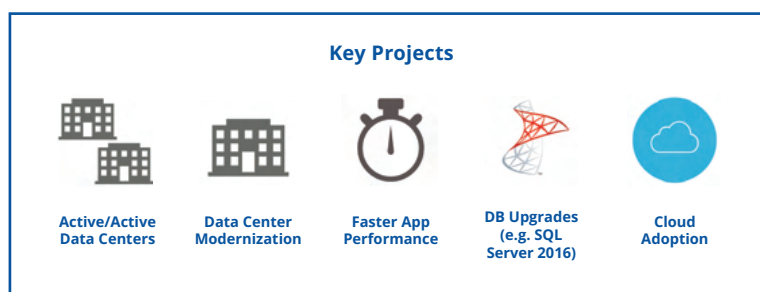
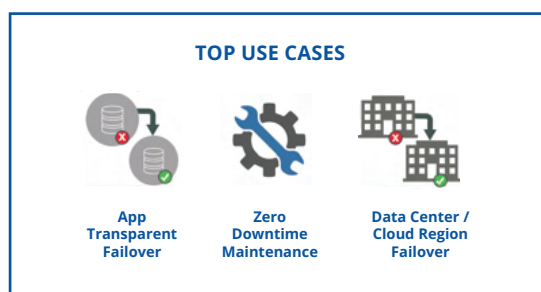
Most organizations run more than one database, so it's important to enable the agile data tier consistently across your environments. Only IgniteTech's ScaleArc solution supports this broad range of SQL database types.

USE CASES AND PROJECTS

IgniteTech's ScaleArc database load balancing software inserts transparently between your apps and your databases with no changes needed to either. The software deploys in minutes and enables an agile data tier that:

- Avoids application downtime, whether planned or unplanned — no more maintenance windows for database patching
- Enables failover that avoids application disruption
- Delivers instant scalability with no changes to the app or database

Customers deploy IgniteTech's ScaleArc solution as a permanent and pervasive part of their app infrastructure to provide continuous application availability and eliminate database scalability problems.



KEY FEATURES

IgniteTech's ScaleArc database load balancing software offers a number of features that work together to improve application availability and performance. Unlike database failover techniques available today, ScaleArc enables failover without application errors, significantly improving application uptime with no code changes.

Availability Features

- Automated Database Failover
- Surge Queuing
- Read / Write Split
- Replication-Aware Load Balancing

Performance Features

- Connection Pooling & Multiplexing
- Transparent In-Memory
- Query Caching
- Query Routing

Analytics Features

- Real-Time Analytics
- Centralized Logging
- Historical Stats and Forensics
- Balancing

FOR MORE INFORMATION

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