

Over the past 12 years, Nitrosphere has developed and delivered software that accelerates, secures, and reduces data transfer costs of SQL Server & SMB connections over the WAN and cloud. The Nitrosphere team has a proven understanding of protocol structure, programming, integration, and customer success. In 2020, the company introduced a new acceleration feature that removes all TCP latency within closed networks connections.

Core Competencies

Endpoint-based Network Acceleration Software

Nitrosphere's software solution, NitroAccelerator, installs on two or more network endpoints to reduce the latency and increase the throughput of connections utilizing its sophisticated compression, caching, and Ack reduction processes.

Immediate benefits include:

- Up to a 90% reduction in cloud data charges.
- Up to 30x data transfer speed improvements on SMB & SQL Server connections.
- Real-time native SQL Server Replication across data centers.
- Faster launch times and improved overall user experience for Applications connecting to SQL Server.

Past Performance

80+ customers have chosen NitroAccelerator as their primary and/or overlaid network accelerator solution:

NAVSEA's ESSM Program | Worldwide Contract Award # N00024-19-D-4323

- Solved long-standing downtime and server overload issues with SQL Server replication and SQL Server application performance.
- Compressed WAN traffic by 80% to reduce transactional replication time from days to minutes.

Acacia Communications | Worldwide

- Achieved 4,509 commands per minute to reduce transactional replication from days to hours.

Dynatrace | Worldwide

- Reduced TCP packet count and latency by 90%.

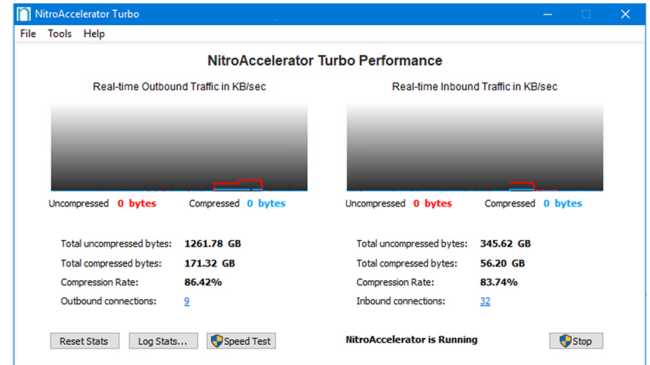
Qualcomm | Worldwide

- Reduced replication from 2 hours to 5 minutes.

Masonite | International

- Reduced SQL Server bandwidth costs by a factor of 10.


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Differentiators

- Installs and connects in minutes to solve performance issues without the need for downtime or infrastructure configuration.
- Accelerates TDS and SMB protocols without additional hardware or proxies.
- Securely accelerates encrypted data streams.
- Provides kernel based high speed caching to accelerate without a centralized server. This solution caches locally to decrease network attack surface.
- Typically pays for itself within the first 2-3 weeks of deployment.

NAICS | SIC | PSC

51121 - Software Publisher

518210 - Data Processing and Related Service

541511 - Custom Computer Programming Services

73729902 - Business Oriented Computer Software

73729907 - Utility Computer Software

7A21 - Business Application Software

7F20 - IT Management Tools/Products