

Nitrosphere Capability Statement



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

NitroAccelerator is network acceleration software that installs on both sides of a Microsoft-based connection to compress and reliably decompress data transmission without the need for additional hardware or external proxy connections in order to function.

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

NitroAccelerator is listed on the **Air Force's Evaluated Products List (AF EPL)** for use on DoD Server Core Configuration systems and standard desktop systems connected to the AF Network (AFNET) and AF SIPRNet.

- Vulnerabilities Identified: None
- Local Service Only: Yes
- In accordance with (IAW) AFI 17-101: Yes

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

- Solved long-standing downtime and server overload issues with SQL Server replication and 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.

Dynatrace | Worldwide

- Reduced TCP packet count and latency by 90%.

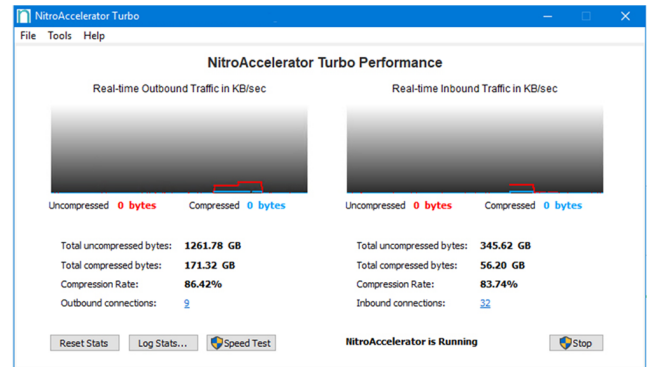
Qualcomm | Worldwide

- Reduced replication from 2 hours to 5 minutes.

Masonite | International

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

www.nitrosphere.com



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Work Area: Nationwide | International

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

7421 - Business Application Software

7F20 - IT Management Tools/Products