



THE DATA ACCELERATION COMPANY

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A Customer Story

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PORTrockIT



THE PROBLEM

200 TB of Data from Bangalore to Denver
Distance - 8,700 Miles Latency 300-350ms
Application - NetApp SnapMirror



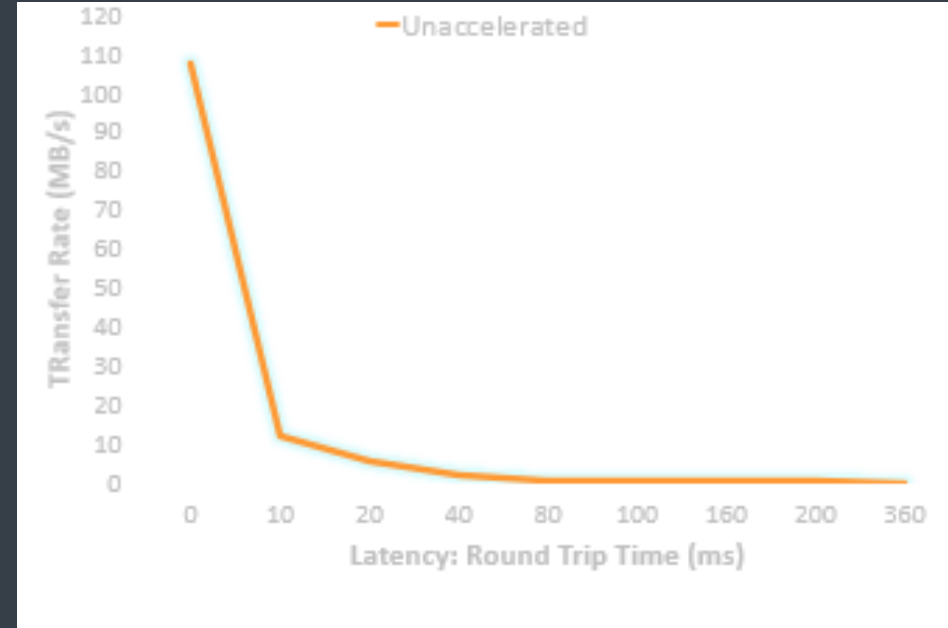
1 Gbps WAN
Unaccelerated throughput 2MB/Sec

Why the loss of performance?

3 Key Factors

- › Speed of Light
- › TCP/IP Latency
- › Packet Loss

Typical reaction - “Throw more bandwidth at the problem”.



The above graph is based on a 1Gbps circuit and FTP being used to transfer Data.

Techniques in the Tool Box



Network Appliances providing traditional Wan Op or prioritisation techniques.

UDP

QUIC

Additional Bandwidth

Load balancing & Offload

Other UDP or bandwidth based approaches.

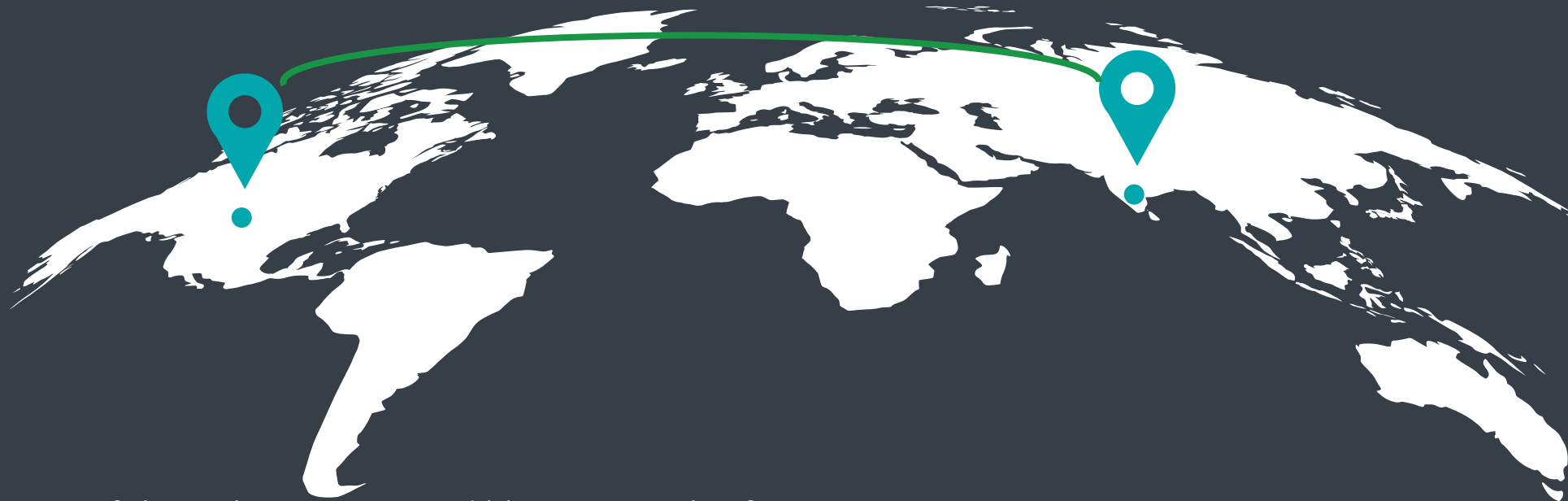


Accelerated throughput – 100 MB/sec



McAfee™ Effects of Latency and packet loss almost completely mitigated.

50x Faster!



“The rate of throughput was incredible. PORTrockIT from Bridgeworks is a ‘game changer’. I am a storage engineer with limited networking knowledge. I was able to configure and deploy PORTrockIT in less than 2 hours”.

McAfee Senior Storage Engineer, Technology Services division.

“What would have taken us over a year to transfer, you got transferred for us in a week and a half.”

Zero Data Touch, Zero Data Store



No Deduplicating

No Compressing

No Examining

No Crypto Required

WANrockIT

Accelerate Block Storage



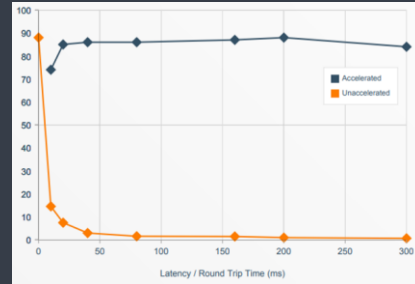
PORTrockIT

Accelerate TCP Transfers

High Speed Acceleration Appliances

Benefits to end user:

- Faster Data Transfers
- Mitigate Effects of Packet Loss
- Mitigate effects of Latency



MOVE MORE DATA

Differentiators / USP

- Requires no Crypto/ key material
- Doesn't examine data
- Works with any file type
- Inflight iSCSI / FC/ SAS Protocol conversion
- Up to 40Gbps circuits
- 10ms to 400ms+ Latency
- Does NOT Cache
- Does NOT Deduplicate

KEY VERTICALS:

- Banking / Insurance
- Healthcare
- Defence
- Cyber Security
- Motorsports
- Space / Aerospace



KEY CUSTOMERS

- NIH
- Williams Racing
- McAfee
- IBM



Capabilities

- Mitigate effects of data transfer over large distances
- Improve Backup and RTO response times
- TCP Transfer throughput increases up to 90% of available Bandwidth
- Realtime AI monitoring / tuning WAN changes
- Cloud, Virtual & Physical appliance platforms