

The logo for NETEX features the word "NETEX" in a bold, blue, sans-serif font. A thick blue arrow starts from the bottom left of the 'N', curves under the 'E' and 'T', and points towards the 'X'. A registered trademark symbol (®) is located at the end of the 'X'.

NETEX®


The logo for HyperIP features the word "HyperIP" in a bold, italicized font. "Hyper" is in blue and "IP" is in orange. A horizontal gradient bar transitions from blue to orange, positioned above the letters. A registered trademark symbol (®) is located at the end of the "IP".

HyperIP®

March 2009



NetEx Background

- Started as Network Systems Corporation (NSC)
 -  transport developed in 1981 for mission-critical apps over dedicated networks
 - Developed by NSC & IBM Satellite Business Systems
 - For moving big data over expensive satellite circuits
 - Used for dedicated circuits for high speed transfer
 - Solved Latency and Packet Loss issues

Partial Customer List

Information Tech

EMC² where information lives[®] SUNGARD

OCLC FUJITSU

NRI GXS

UNISYS Imagine it. Done. CSC

LOCKHEED MARTIN We never forget who we're working for™

Consumer Products

Eddie Bauer

QVC QUALITY. VALUE. CONVENIENCE.

Telco

Telstra

Broadview Networks

NTT

BELLSOUTH

JAPAN TELECOM SoftBank

verizon

Health Services

HHC NEW YORK CITY HEALTH AND HOSPITALS CORPORATION

NDCHEALTH

ims INTELLIGENCE. APPLIED. BlueCross BlueShield

Government

DEPARTMENT OF VETERANS AFFAIRS

DEPARTMENT OF DEFENSE

DEPARTMENT OF THE AIR FORCE

DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

Internal Revenue Service IRS.gov DEPARTMENT OF THE TREASURY

Transportation

JAL

Hertz ANA

IBERIA

UNION PACIFIC

nwa NORTHWEST AIRLINES

UNITED

Partial Customer List – Cont..

Banking

Mellon

usbank
Five Star Service Guaranteed

CIBC

RBS
The Royal Bank of Scotland

TD Canada Trust

Bank of Tokyo-Mitsubishi

MUFG

SUNTRUSTSM

PNC BANK

Scotiabank

M&T Bank

The Norinchukin Bank
新着情報

Lloyds TSB

Bank of America Higher Standards

SUMITOMO TRUST

Insurance & Services

EDWARDS
FULLY INVESTED IN OUR CLIENTS

NICO S

Lincoln Financial Group | 100 YEARS

Hewitt

Shinko Securities

Mitsui Sumitomo Insurance

Other Leaders

bp

SSE

UNIVERSITY OF Miami

The Challenge

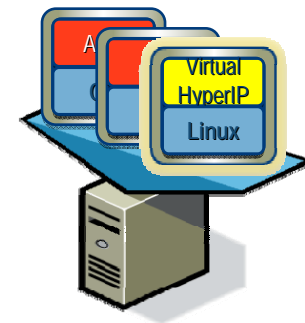
- Size in amount of data in organization continues to grow
- Data replication, backup, and movement between Data Centers taking too long
 - Add Bandwidth
- Bandwidth 'asset' is not being fully utilized
 - Over subscribed for speed, data growth, and to accommodate transmission errors

The Solution

- Improve bandwidth asset utilization for Data Center BC/DR applications and Data Center Migration through optimization
 - Fully utilize the pipe between locations
 - Selectively retransmit dropped packets, rather than a full transport windows worth of data
 - Compress data when possible
 - Use Time of Day Rate Limiting to prioritize different application data movement

HyperIP for VMWare

- vHyperIP - virtual appliance on VMware ESX
 - Optimizes BC/DR applications for VMware based storage management virtual appliances, such as
 - TSM
 - LeftHand VSA
 - FalconStor
 - Veeam Backup and Replication
 - And more to come...
 - Improves VMotion time to move virtual machines
 - In one case improved time to move VMs from 16 minutes to 3 minutes across 15km 10Mb WAN





HyperIP[®] for VMWare

- vHyperIP software awarded Search Storage 2008 Networking Product of the Year Bronze Medal



Why *HyperIP* ?

- Software based and VMware enabled
- Same appliance – 1.5 Mb/s to 800 Mb/s
- Clustered scalability to OC-48 and OC-192
- Dynamic Rate Limiting
- The Best packet loss & latency mitigation
- Recovery On Demand (ROD)
- Synchronization on Demand (SOD)
- HyperIP leverages the Internet for the WAN
- We know replication/backup/recovery applications
- Interoperates with 3rd party encryption solutions



HyperIP What's in it for You?

- Software Based Acceleration. No footprint.
- Rate limiting of backup / recovery apps to prevent link saturation
- Removing the “trash” on the link (i.e....retransmits, out-of-order packets), improving app performance
- Spending less Telco dollars for bandwidth
- HyperIP allows you to leverage cheap broadband links for DR and Backup/Recovery
- Easy to POC, Implement, Deploy, & Support

Thank you