Tearing down data silos with DR*Net*®/Unified

From Replication to Integration, Transformation and Distribution;

NTI is putting data first! Your data!

Richard K Buckle

Marketing Consultant to NTI

NTI: A company focused on data created on NonStop

NTI continuing to turn data into information and information into opportunity for better business insight.

Connected Community

For 37 years, NTI is providing direct sales and support teams - complemented with support of major global partners, tools and utilities together with a growing ecosystem of partners and consultants – and is delivering lowest TCO for all your data needs.

Competition is good !

Architects love their architecture

Whenever you have competing architectures **you will always have competing arguments**. It's just second nature to go all-in on the architecture that you have chosen.

For the NonStop community **this is a positive outcome from having multiple vendors committing their dimes** in support of solutions meeting an all-important and critical aspect of NonStop operations.

Data Loss a Distraction ?

Communication - synchronous versus asynchronous!

Possible means "able to be done; able to happen or exist."

But possible does not mean that something will happen for certain or even that it is very likely to happen.

Real Time View

Independent opinions and commentary for the HPE NonStop community.

Search

Tuesday, May 24, 2022

It's just a matter of S&D – Substitution and Distraction.

Contributors
Margo Holen
Richard Buckle

Car racing was in its infancy in Australia back in the 1950s and for the majority of readers of this blog, the name Jack Murray likely means very little. What captured the minds of many Australians was the idea of a round-Australia car rally when few roads were to be found in the harsh interior of Australia this oldest of all continents. And yet, "the thought of driving around Australia was unheard of, and they were concerned that there would be blockages on narrow roads of trees and so forth," (Jack's son). Phil Murray said.

Pageviews last month

For 37 years there has been no reported loss of data by any NTI customer.

When reality overtakes perception you have to turn to **substitution and distraction**; nothing more.
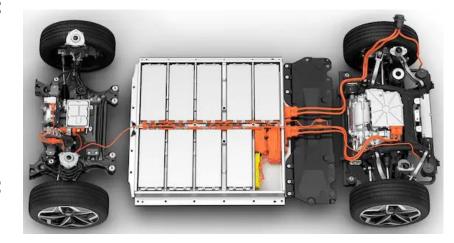
Performance a Distraction ?

I feel the need for speed!

**Cars built today
provide multiple performance options:**

Tour, Sport, Track and Custom
… think V6, V8, V10, V12
(with cylinder deactivation)

**Rest assured, DRNet built today
provides just one performance option:**

Very fast
… think electric motors with unlimited range!

Price Book a Distraction ?

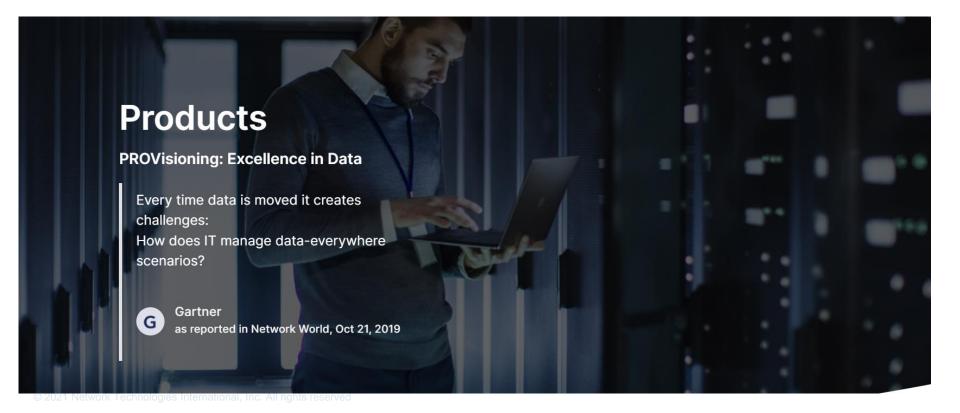## Independent vendors respond faster to changing market requirements

HPE NonStop Price Book is a guide to a singular, confined set of possibilities …

Due diligence still rules the roost!

For NonStop **not the only option**!

Long term **relationships matter**!

NTI: A company capitalizing on strength in replicating data

Products

PROVisioning: Excellence in Data

Every time data is moved it creates challenges:
How does IT manage data-everywhere scenarios?

G **Gartner**
as reported in Network World, Oct 21, 2019

NTI's foundation lies with industry standards

NTI's core competency centres on Change Data Capture (CDC)

DR*Net*® is as much a commitment to supporting business continuity as it is ensuring the movement of data created on NonStop to where it better enables business insights across the enterprise, edge to cloud.

8

September 22

NTI's vision

Ensuring greater participation of NonStop in todays world of hybrid IT; broadening our horizon by adding value for our customers as we complement the offerings of others

Entering the age of insight

NonStop creates data but before enterprise insight is realized, data needs to be shared. More information doesn't mean more intelligence.

"Even in a pandemic opportunities continue to grow to where we need to move from just collecting data to providing insight.

"The new playbook for disruptive times: Awash in data but lacking in connectivity and insight. Unconnected pools of data cannot continue."

Antonio Neri, HPE CEO
HPE Discover 2020

10

September 22

Vision aligned with customers

Tearing down silos!

It's all about edge to core!

Products: some clearly recognizable; some in transition; some brand new!

Providing value in a world that is increasingly edge to cloud

INTEGRATE & TRANSFORM
Optional Business Continuity
Data Warehouse / Data Lake
BI / Analytics

REPLICATE
Traditional
Business Continuity
Active / Passive
Active / Active

DISTRIBUTE
Models ML / AI
Swarm CNC / Robots

And the data moves quickly

"Enterprises need to be more data-first
in all that they do …

But data is a wasted asset if
you cannot get insight from it."

March 22, 2022 Antonio Neri
introduces new capabilities for GreenLake

All that is new with NTI

NTI continually adapting; data silos coming down!

Partners

People and Places
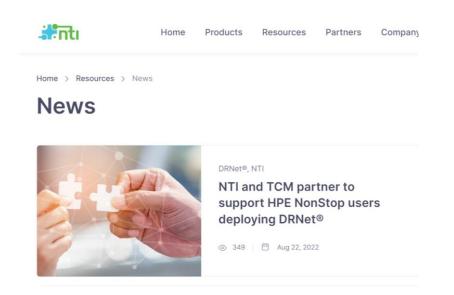
Promotion

Product and Packages

Participation

*Your teams aren't alone in the seemingly overwhelming world of data silos; they're familiar to most businesses. But understanding how they form and the steps you can take to start breaking them down **can set you up for a cultural transformation, a future-oriented business strategy and a competitive advantage**. – Forbes April 2021*
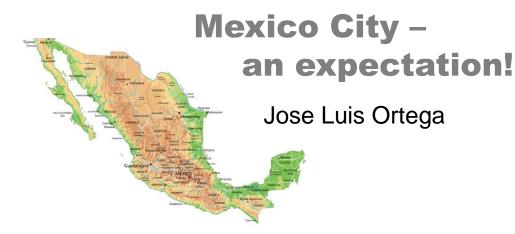
13

September 22

Partners

Caught the latest news?

… with more partners to be announced shortly prior to NonStop TBC 22

14

People and Places

Mexico City –
an expectation!

Jose Luis Ortega

Dialogue opened –
proactive partnering!

Promotion

Seen case studies worth reading

DR*Net®* in the real world; leveraging product packaging

New Zealand's leading payments processor continues to rely on NTI in meeting its data needs with DRNet®

Having launched EFTPOS in 1989, Worldline continues to be the leader in local payments.

The company processes 70% of New Zealand (Aotearoa) payment transactions across 85,000 merchants deploying over 150,000 EFTPOS devices.

Support and usage of DR*Net®*:
An **Active/Active** environment
DR*Net®*/Open to ship data to external systems
DR*Net®* API to convert records (to external formats)
DR*Net®* to **manage migrations** (of applications)

16

Participating with NTI to break down their data silos

A global presence
Deploying Core, Vision and Open

Product and Packages

Introducing DR*Net*®/Unified

Combining the best
in industry-wide CDC
with support for
industry standard
JDBC, JSON
and more…

NTI: a company delivering packages for the times

DR*Net*®/Unified

PROVisioning: Excellence in Data

NTI focus is on NonStop data, your data:
NTI excels with its professional provisioning
exhibiting excellence in all aspects of data movement.

DR*Net*®/Unified

It all starts with the Core!

DR*Net*® /Unified

DR*Net*® /Core	DR*Net*® /Unified for HPE Customers
DR*Net*® /Vision	DR*Net*® /Unified for Business Integration
DR*Net*® /Open	
DR*Net*® /FileSync	
DR*Net*® /XPbr	
DR*Net*® /XPcr	

❑ It is through DR*Net* ®/Core that NTI has the platform in support of further **products and packages**

❑ One product but many use cases.

❑ Leveraging **industry standards**:

Change Data Capture (CDC)

JDBC

JSON

❑ Expanding through Cooperation leading to **future Collaboration**
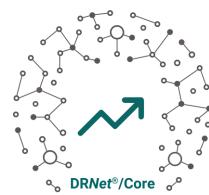
20

September 22

DR*Net*®/Core

Delivers business continuity solutions to the HPE NonStop community

Implemented as a NonStop product - developed and deployed on L-Series and J-Series

Full support for NonStop Business Continuity requiring Active-Active Data Replication or Hot Backup with Recovery

DR*Net*®/Core

DR*Net*®/Open

Replicate data to open platforms including Windows®, Unix® and Linux®

Real Time heterogeneous enterprise Data Replication solution supporting distribution of mission critical data from NonStop source to any OPEN JDBC target

Supporting a single NonStop instance servicing <u>multiple targets</u>

Target database collectors with option to replicate select data from open platforms back to NonStop

DR*Net*®/Open

DR*Net*®/Vision

Enhanced to better integrate with modern databases and processes

DR*Net*®/Vision utilizes self-describing JSON open standard file and data interchange formats that are industry standard
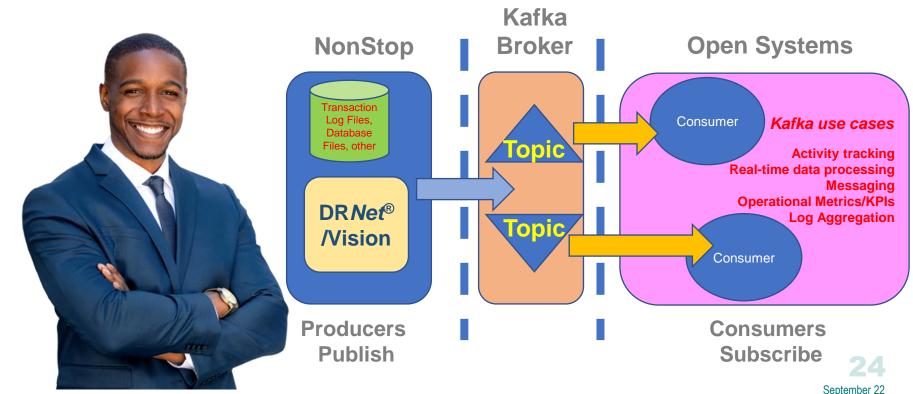
DR*Net*®/Vision **fully supports the <u>transformation</u> of data in flight** as part of enhancing business opportunities

DR*Net*®/Vision **provides data <u>distribution and integration</u>** inclusive of NonStop data, Measure data and Metadata
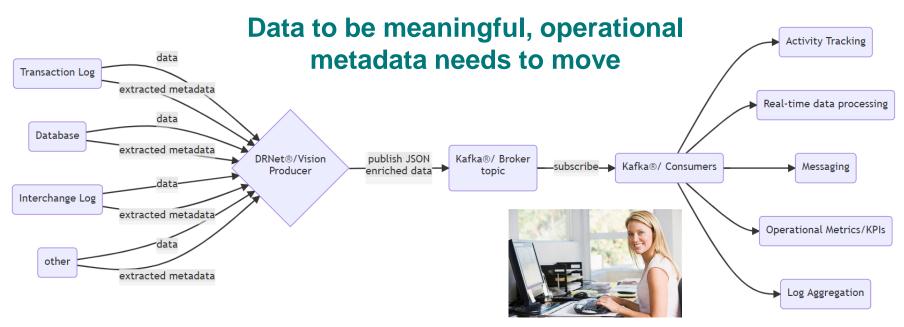
DR*Net*®/Vision

23

Entering the world of Kafka

DR*Net*® /Vision - Publish and Subscribe

NonStop

Transaction Log Files, Database Files, other

DR*Net*® /Vision

Kafka Broker

Topic

Topic

Open Systems

Consumer

Kafka use cases

Activity tracking
Real-time data processing
Messaging
Operational Metrics/KPIs
Log Aggregation

Consumer

Producers Publish

Consumers Subscribe

24

September 22

Entering the world of Kafka

DR*Net*®/Vision - Publish and Subscribe

Data to be meaningful, operational metadata needs to move

Kafka, a time series database, supports visualization with Grafana

DR*Net*®/Unified for HPE Customers
- three features in a single product package

Bringing you DR*Net*®/Core for traditional data replication to other NonStop systems, Traditional and Virtual combined with the added value DR*Net*®/Vision and DR*Net*®/Open provide for **data integration, transformation, and distribution**:

To any JDBC Databases

- Oracle, MS SQL Server
- My SQL
- IBM DB2
- Sybase and more...

To other Message Queues, BI, DW Consumers leveraging JSON

- Kafka
- Splunk>
- ELK
- Hadoop and more...

With no additional license fees when licensed for DR*Net*®/Core

DR*Net*®/Unified for Business Integration
- two features in a single product package

The new change?

Introducing a combination of DR*Net*®/Vision and DR*Net*®/Open
as a stand-alone package that will readily
coexist with existing Business Continuity products
to bring to your enterprise data
integration, transformation, and distribution:

To any JDBC Databases

- Oracle, MS SQL Server
- My SQL
- IBM DB2
- Sybase and more...

To other Message Queues, BI, DW Consumers leveraging JSON

- Kafka
- Splunk>
- ELK
- Hadoop and more...

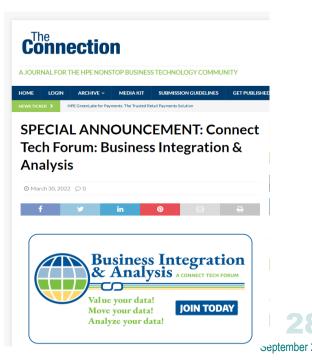**With no requirements to activate DR*Net*®/Core**

Participation

Connect Tech Forum:
Business Integration and Analysis

NonStop customers have witnessed the arrival of many tools and utilities with the sole purpose of better integration of NonStop with its peers – e.g. for better data analysis.

What's needed today?

A venue where information can be readily exchanged and where the availability of solutions addressing integration and analysis can be better communicated.

The **Connection**

A JOURNAL FOR THE HPE NONSTOP BUSINESS TECHNOLOGY COMMUNITY

HOME | LOGIN | ARCHIVE ⌄ | MEDIA KIT | SUBMISSION GUIDELINES | GET PUBLISHED

NEWS TICKER ❯ HPE GreenLake for Payments: The Trusted Retail Payments Solution

SPECIAL ANNOUNCEMENT: Connect Tech Forum: Business Integration & Analysis

March 30, 2022 ⌕ 0

Business Integration & Analysis A CONNECT TECH FORUM

Value your data!
Move your data!
Analyze your data!

JOIN TODAY

28

The latest Connect imitative

First: Participate

(a Tech) Forum is very much easier and simpler here, we can say that a Tech Forum is a message board or a discussion area, **where people can post their questions and get answers** or replies from others.

Second: Share

But it's more than that; Tech Forums are like **a platform used to communicate** between two or more groups of people by which they can exchange their thoughts and knowledge.

29

September 22

For all your NonStop product information ...

The rules have changed ...

MENU LOCATION:

The only venue to hear from all members in the NonStop vendor community – on HPE's price book or not!

LINK:
https://www.connect-community.org/tech_forums/forum/tech-forums/

This page will serve as the landing page for multiple forums once we have a few more to choose from:
https://www.connect-community.org/tech_forums/

Thank You

Network Technologies International, Inc.

Suite 209, Westerville, Ohio 43081-2877, United States of America

Tel +1 (614) 794 6000 | sales@network-tech.com

www.network-tech.com

N.T.I. Limited

Ard Mhuire, Camp Street Oughterard,

Co. Galway H91 K5FE

Republic of Ireland

Company Registration Number

CRO 366548

+353 (91) 463086

+353 (91) 463087