



Tearing down silos with **DRNet[®]/Unified**

From Replication to Integration, Transformation and Distribution;
NTI is putting data first! Your data!

Richard K Buckle

Marketing Consultant to NTI

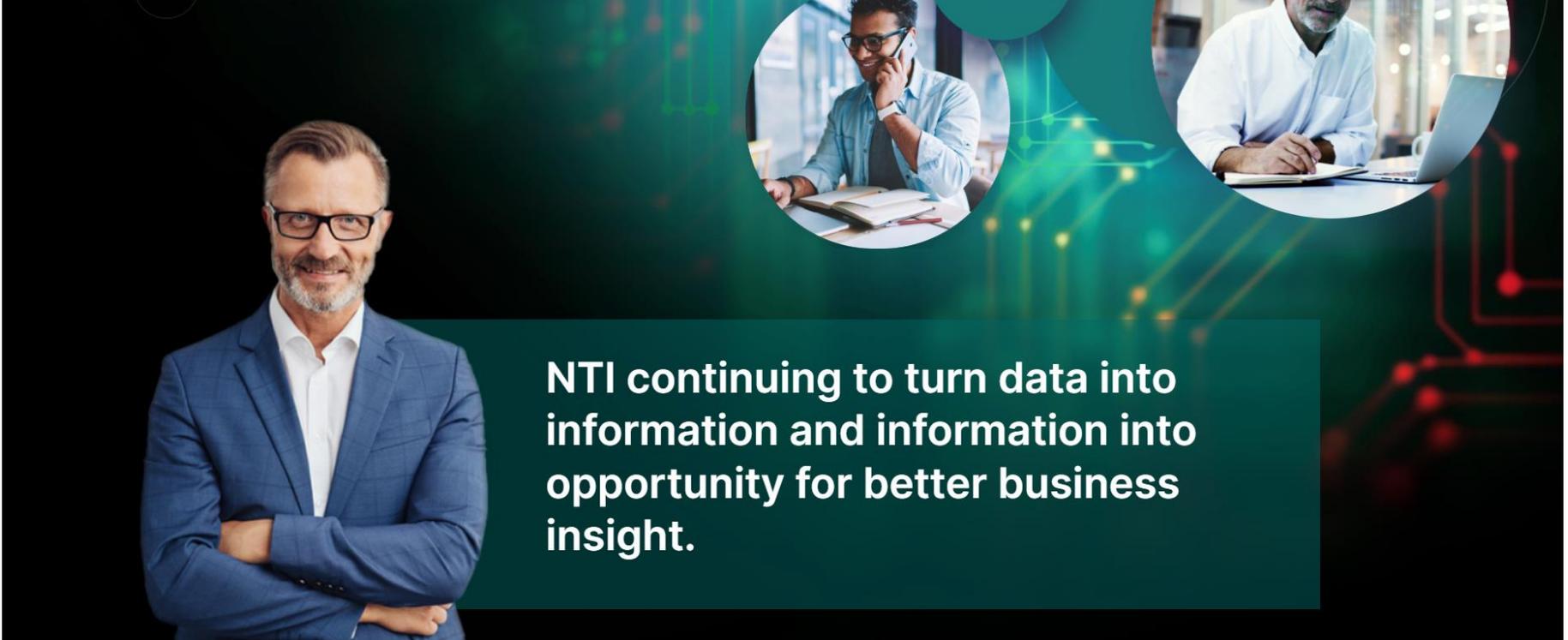
BITUG 2022

**Oxford Street
June 2022**

**Even UK
High Street
is getting
the message!**



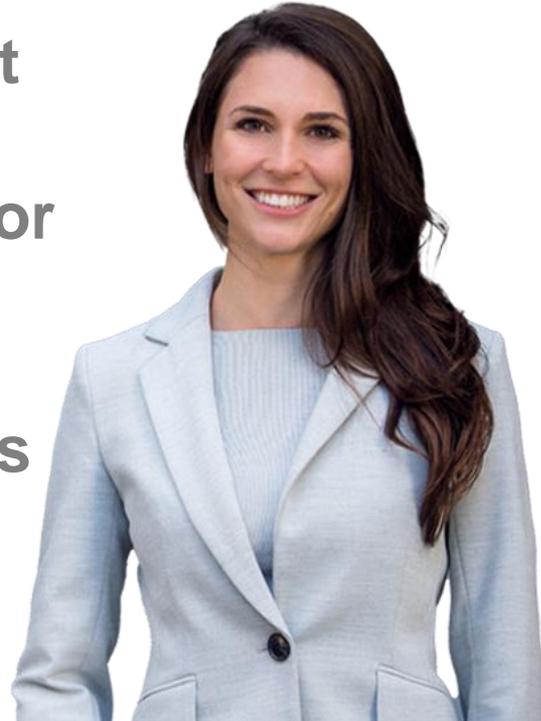
NTI: A company focused on data created on NonStop



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.



Entering the age of insight



NonStop creates data but before enterprise insight is realized, data needs to be shared. More informed 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

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.

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.



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 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.

A solution came from an unlikely source. "Jack's navigator, a construction expert, suggested they take along some gellignite for quick removal. This never occurred, but after all who's going to cart three boxes of gellignite around the country without letting off a stick or two?" Mr. Murray said. But then again, it was reported in the July 1954 issue of the Canberra Times "that police questioned Mr. Murray and his co-driver Bill Murray 'concerning a mysterious explosion en route to Melbourne', but the pair denied having any "gelly" in the car.

Contributors

- Margo Holen
- Richard Buckle



Pageviews last month



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- Posts
- All Comments

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.



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.

NTI's foundation lies with industry standards

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

DRNet[®] 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.



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?



Gartner
as reported in Network World, Oct 21, 2019

NTI's vision

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



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

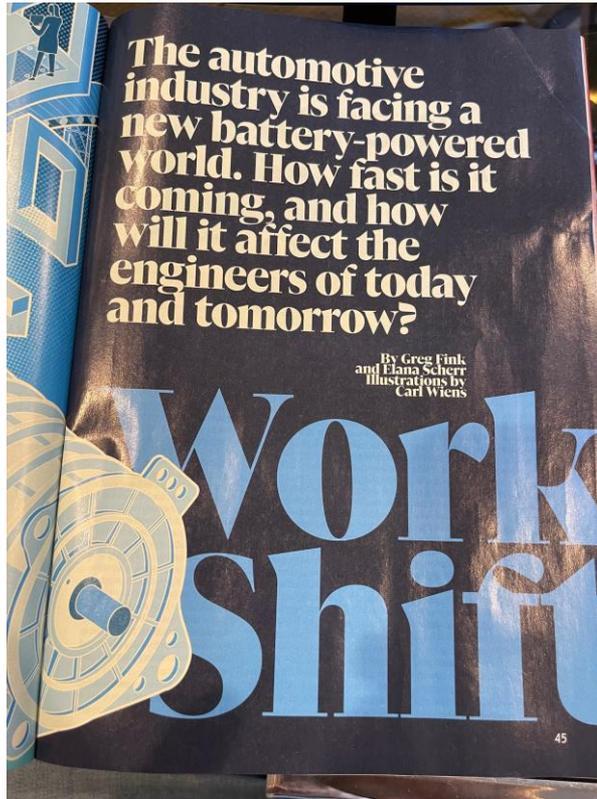


DISTRIBUTE

Models ML / AI
Swarm CNC / Robots



Specifically; Recognizing the shift to data ...



Now a big wave is about to crash on the industry, and everyone can either surf it or drown.

“AMG is a very hardware-oriented company, and we are now moving toward being a software-driven company with electric motors.”

Philipp Schiemer, CEO of Mercedes-AMG.

Change comes too soon for those who would prefer not to change and too slowly for those who worship the new.

And the data moves quickly

“Enterprises need to be more data-first in all that they do ...

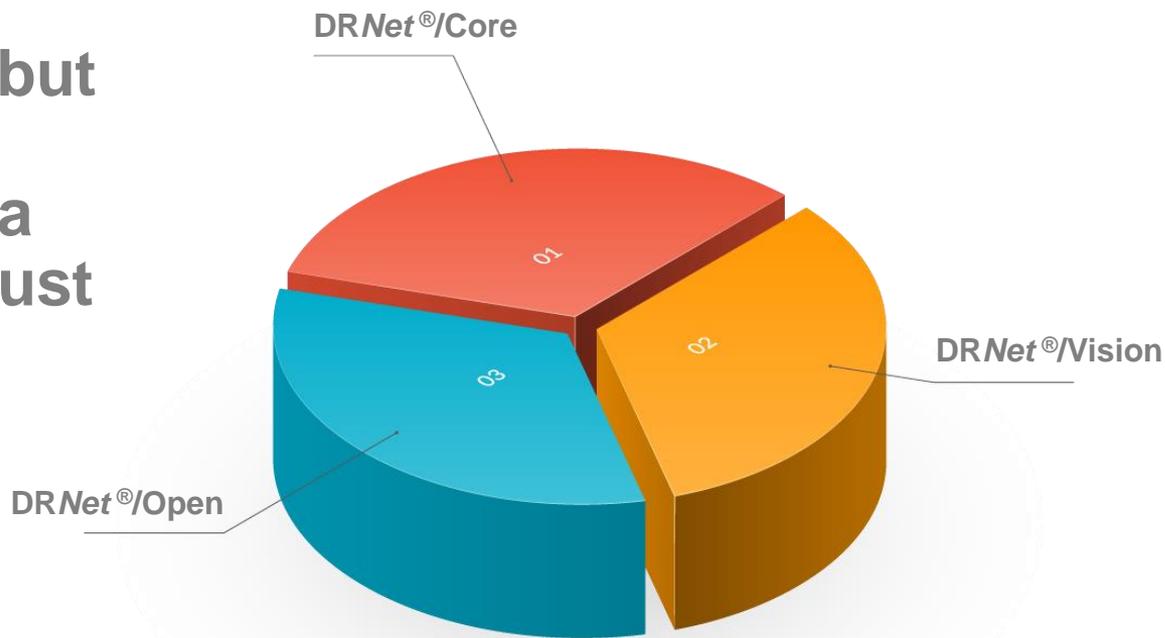
But data is a wasted asset if you cannot get insight from it.”

March 22, 2022 Antonio Neri introduces new capabilities for GreenLake



Turning message into product

Not just a slogan but
an opportunity;
replicate your data
everywhere with just
one product



Why product packages?

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

NonStop Community deserves alternatives; should consider NTI as having strongest value proposition

NonStop Users, not Vendors, determine 'business continuity strategy;' a customer-obsessed approach leads to a product that matters to customers



NTI: a company delivering packages for the times



DRNet[®]/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.**

It's all about the Core!

- DRNet® /Core
- DRNet® /Unified for HPE Customers
- DRNet® /Vision
- DRNet® /Unified for Business Integration
- DRNet® /Open
- DRNet® /FileSync
- DRNet® /XPbr
- DRNet® /XPcr

- ❑ It is through the 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**



DRNet[®]/Unified for HPE Customers

- three features in a single product package

Bringing you DRNet[®]/Core for traditional data replication to other NonStop systems, Traditional and Virtual combined with the added value DRNet[®]/Vision and DRNet[®]/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 DRNet[®]/Core

Let's look at what's coming

St Paul's Cathedral June 2022



DRNet[®]/Unified for Business Integration

- two features in a single product package

The new change?

Introducing a combination of DRNet[®]/Vision and DRNet[®]/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...

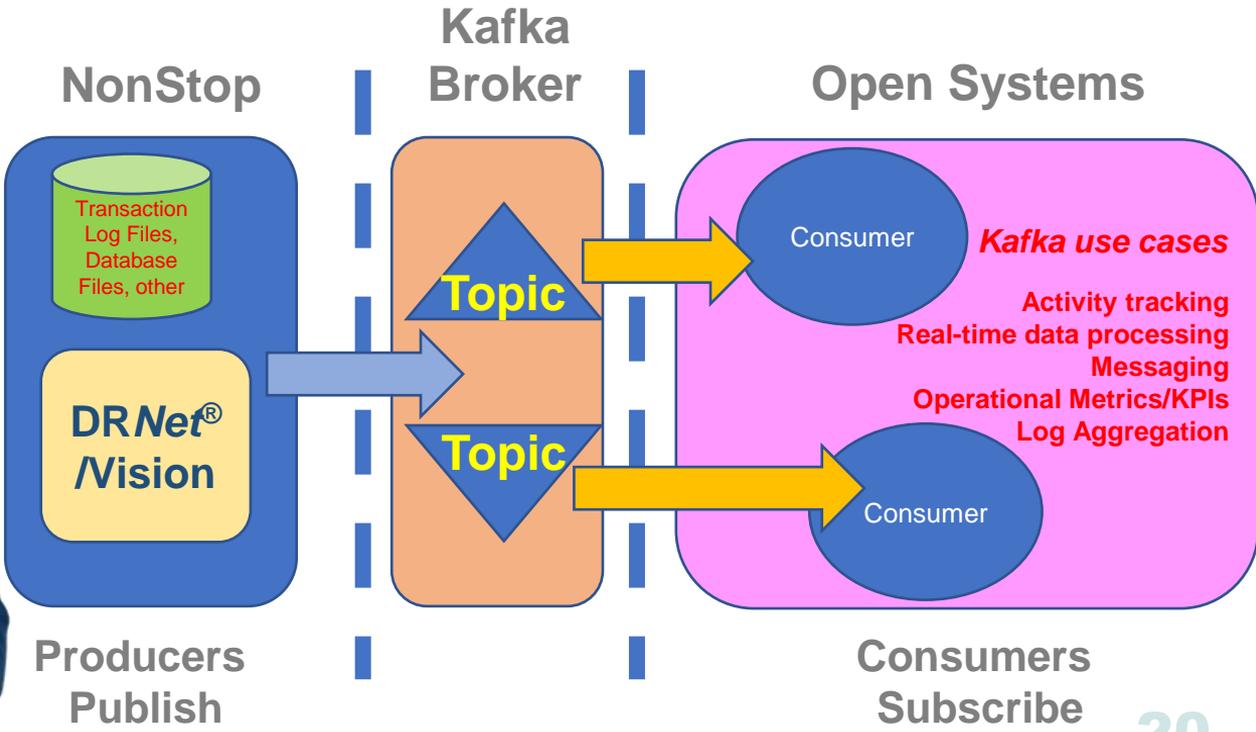
To other Message Queues, BI, DW Consumers leveraging JSON

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

**With no requirements
to activate
DRNet[®]/Core**

Entering the world of Kafka

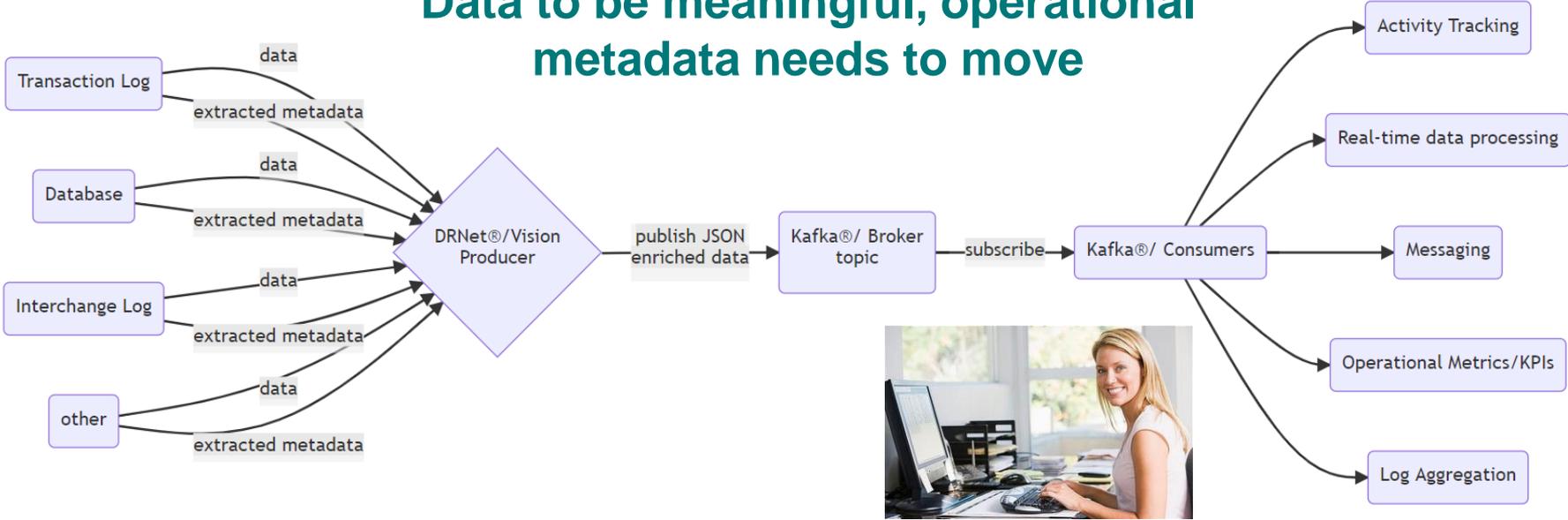
DRNet® /Vision - Publish and Subscribe



Entering the world of Kafka

DRNet® /Vision - Publish and Subscribe

Data to be meaningful, operational metadata needs to move



Kafka, a time series database, supports visualization with Grafana

Successfully moving their data

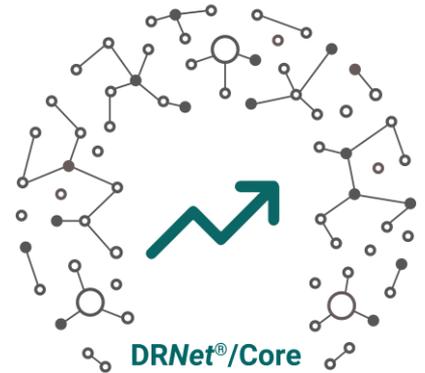
A global presence
Deploying Core, Vision and Open



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



Enhanced to better integrate with modern databases and processes

DRNet[®]/Vision utilizes self-describing JSON open standard file and data interchange formats that are industry standard

DRNet[®]/Vision **fully supports the transformation of data in flight** as part of enhancing business opportunities

DRNet[®]/Vision **provides data distribution and integration** inclusive of NonStop data, Measure data and Metadata

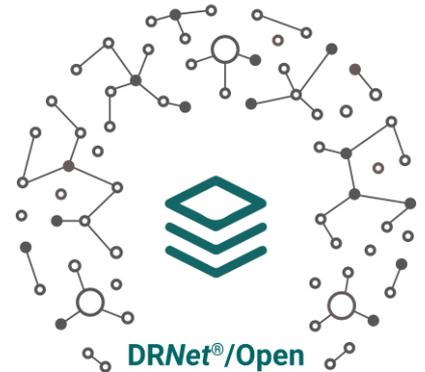


Replicate data to open platforms including Windows[®], Unix[®] and Linux[®]

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 multiple targets

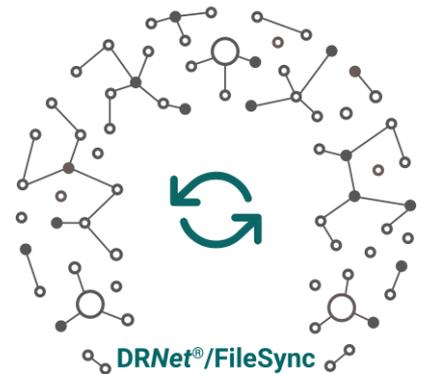
Target database collectors with option to replicate select data from open platforms back to NonStop



Automatically monitors, replicates and synchronizes application environments and non-database files

Software automatically monitors, replicates and **synchronizes application environments and non-database files** (edit, objects, source, TACL, blobs, OSS) across HPE NonStop servers

TANDsoft relationship spans approximately two decades



Introducing DRNet®/XPbr addition of Express Backup/Restore featuring FS Backup and Restore

Backup times that formerly may have taken hours can be reduced to minutes with FS Backup and Restore

Rather than archive whole files to disk, tape or virtual tape, FS Backup **detects file data-block modifications** and archives only the changed blocks



Introducing DRNet[®]/XPcr addition of Express Compare/Repair featuring FS Compare and Repair

Block Hash Compare technology is what makes this solution blazingly fast. When discrepancies are detected, FS Compare and Repair drills down to display the rows, records, columns and fields **that are out-of-sync and offers the user the option to repair the target file**



And now: A new Connect Tech Forum

Business Integration and Analysis Hard Launch HPE Discover 2022

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 screenshot shows the homepage of 'The Connection' website. The header includes the title 'The Connection' and the subtitle 'A JOURNAL FOR THE HPE NONSTOP BUSINESS TECHNOLOGY COMMUNITY'. A navigation bar contains links for HOME, LOGIN, ARCHIVE, MEDIA KIT, SUBMISSION GUIDELINES, and GET PUBLISHED. A news ticker displays 'HPE GreenLake for Payments: The Trusted Retail Payments Solution'. The main content area features a 'SPECIAL ANNOUNCEMENT: Connect Tech Forum: Business Integration & Analysis' dated March 30, 2022. Below the announcement are social media sharing icons for Facebook, Twitter, LinkedIn, and Email. At the bottom, there is a promotional graphic for the 'Business Integration & Analysis' forum, which includes a globe icon, the text 'Value your data! Move your data! Analyze your data!', and a 'JOIN TODAY' button.

The latest Connect initiative

First: Participate

The definition of (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.



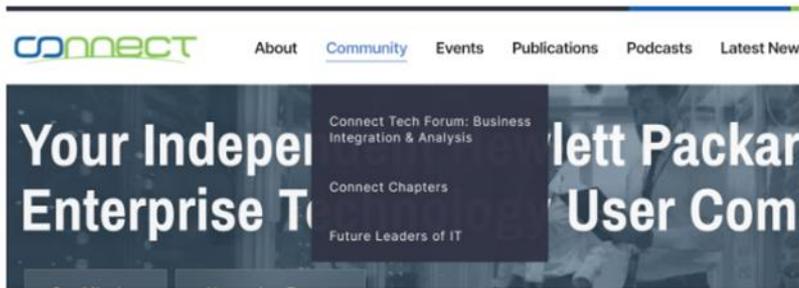
Second: Share

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.

For all your NonStop product information ...

The rules have changed ...

MENU LOCATION:



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/

**The only venue
to hear from all
members in the
NonStop vendor
community**

Engage and keep on coming back

A HPE NonStop initiative but open to all HPE systems and platforms performing data analysis



Business Integration and Analysis

Your destination for:

Webinars
Meet-Up (Major HPE events)
Roadshows
Socials
... and more

Join us 3:30pm on Tuesday, June 28th at HPE Discover
in the Connect HPE User Community booth (DEMO 702 and DEMO 703)
in the Transformation Showcase

Business Integration and Analysis

*“Data integration requires not only great technology it needs communities such as available with NonStop where amazing talents can join forces to overcome the roadblocks of digital transformation, **so what better place to start than a Connect hosted forum, dedicated to help you get the best value of your NonStop data and more!**”*

HPE NonStop Product Manager, Roland Lemoine.

*“The largely unanswered question facing most enterprises is how to extract maximum value from an abundance of data? **This BI&A forum is intended to promote ‘Data Value Thinking’ for data born on NonStop.** Our sole intent is to impart perspective and to augment the critical thinking of participants.”*

NTI Global Director Worldwide Sales, Tim Dunne.

Thank You



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