NTI/*DRNet*® embraces Continuous Adaptation
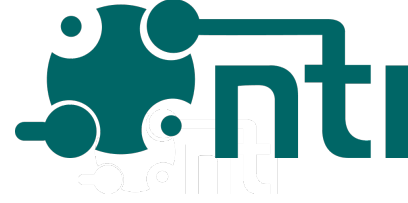
Embracing

Continuous Adaptation,

Delivering

Business Resilience.

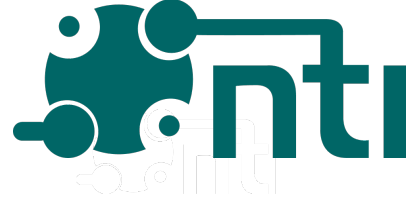Jose Luis Ortega
Director, NTI Business Development LATAM/CANADA

DR*Net*® for GoldenGate Replacement
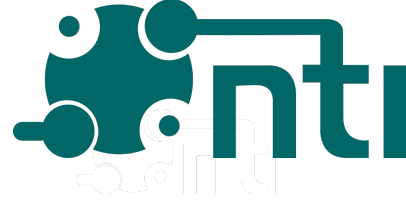
Challenge NTI to prove savings!

Introducing NTI

- 38-year-old Privately Held Company

- Pioneered **NonStop Business Continuity** <u>**DR***Net***</u> ®

- Processors, Banks and others

- Data centers USA and Ireland

- Offices USA, Ireland and Mexico

- Direct Support

Introducing DR*Net*®

- Single code base for TMF/non-TMF

- Supports Hot Backup and Active-Active
  - Comprehensive Delta Processing

- BASE24 support part of standard product

- Enterprise Data Distribution comes with
  - NonStop to OPEN
  - NonStop to Business Intelligence
  - NonStop to Data Warehouses
  - No additional license fees for targets

- Never a charge for Professional Services or Training

- Directly Sold

- Directly Supported

Continuously Adapting: meeting needs of data driven enterprises
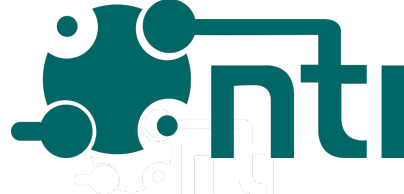
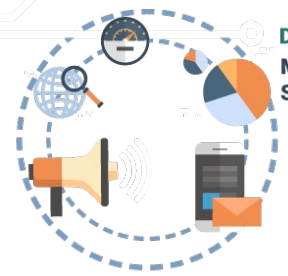## "The Cleanest Data lives on NonStop"
- Kirk Bresniker

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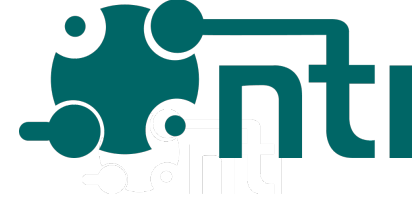Data Warehouse / Data Lake
BI / Analytics

REPLICATE
Traditional
Business Continuity
Active / Passive
Active / Active

DISTRIBUTE
Models ML / AI
Swarm CNC / Robots

DR*Net*®/Unified for HPE Customers

Three features; a single product package

Bringing you DR*Net*®/Core for traditional data replication to other NonStop systems, Traditional and Virtual combined with the flexibility DR*Net*®/Vision and DR*Net*®/Open provides solutions 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; a single product package

Adding 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
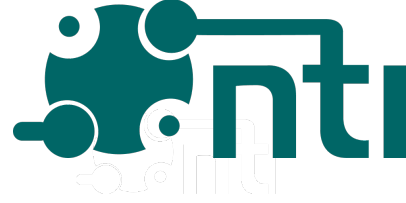integration, transformation, and distribution:

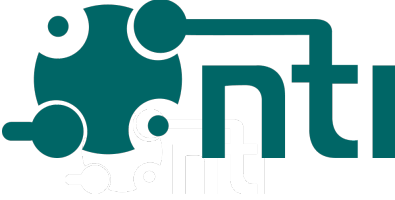**To any JDBC Databases**

- 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

DR*Net*®/Core

## Delivers business continuity solutions to the HPE NonStop community

Real Time homogeneous enterprise Data Replication solution for NonStop **enabling recovery** in times of disaster

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

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

DR*Net*®/Core

DR*Net*®/Open
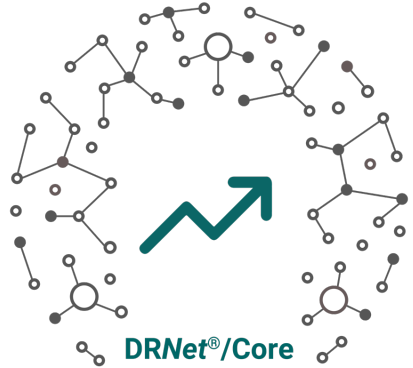
Delivers data distribution to open platforms including Windows®, Unix® and Linux®
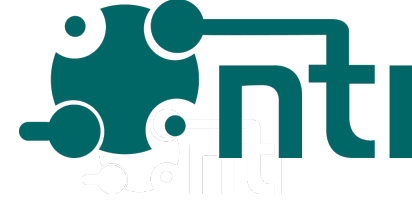

Real Time heterogeneous enterprise Data Replication solution supporting **distribution of data** from NonStop source to any OPEN JDBC target

Supporting a single NonStop instance servicing multiple targets

Target database collectors with option to replicate select data from open platforms back to NonStop; no additional license fees

DR*Net*®/Open

DR*Net*®/Vision

Delivers data integration 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 **provides data integration** inclusive of NonStop data, Measure data and Metadata

DR*Net*®/Vision **fully supports the transformation of data in flight** as part of enhancing business opportunities
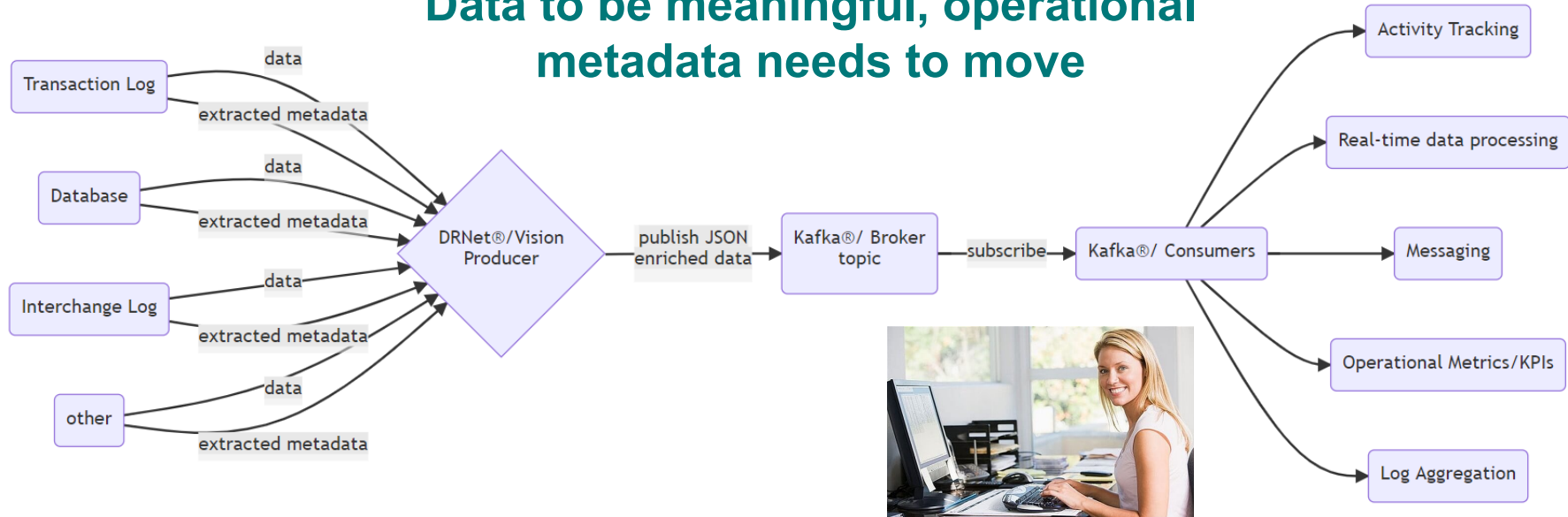
DR*Net*®/Vision

Adapt –
Entering the world of Kafka

DR*Net*® /Vision - Publish and Subscribe

Data to be meaningful, operational metadata needs to move

Transaction Log → data, extracted metadata

Database → data, extracted metadata

Interchange Log → data, extracted metadata

other → data, extracted metadata

→ DRNet®/Vision Producer → publish JSON enriched data → Kafka®/ Broker topic → subscribe → Kafka®/ Consumers →

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

Kafka, a time series database, supports visualization with Grafana

Partnership that delivers TANDsoft
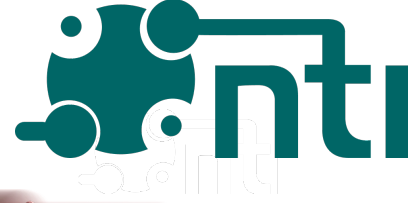
DR*Net* ®/FileSync

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

DR*Net* ®/XPbr

Introducing DR*Net* ®/XPbr addition of Express Backup/Restore featuring FS Backup and Restore
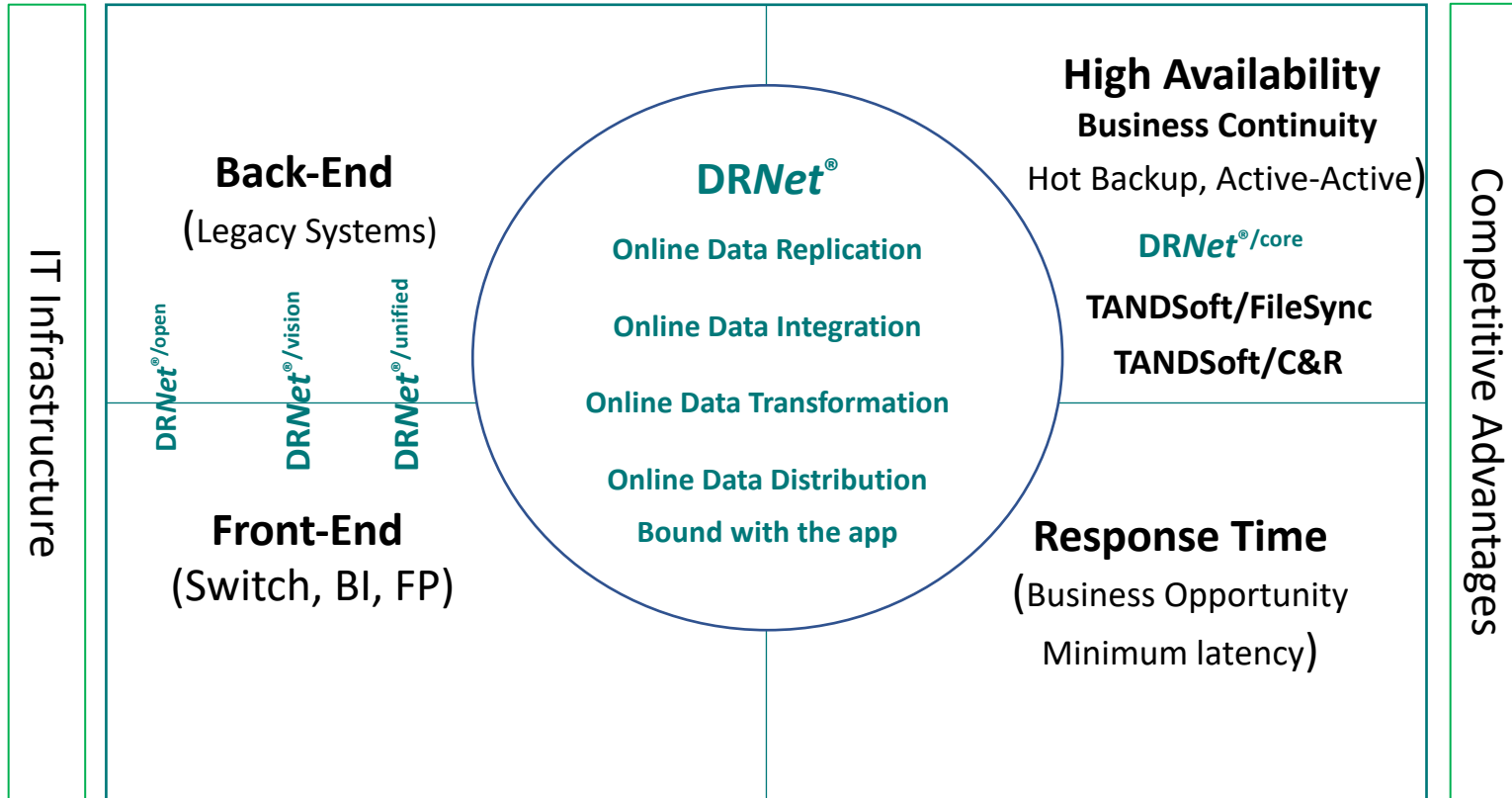
DR*Net* ®/XPcr

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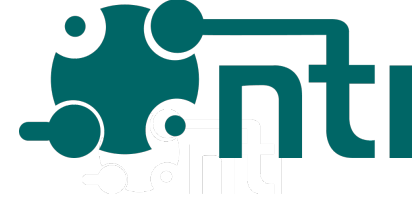
Block Hash Compare technology is what makes this **solution blazingly fast**. When discrepancies are detected, FS Compare and Repair drills down to display the rows, records, columns and fields that are out-of-sync and offers the user the option to repair the target file

NTI and DR*Net*® Contributions moving data

IT Infrastructure

Back-End
(Legacy Systems)

DR*Net*®/open   DR*Net*®/vision   DR*Net*®/unified

Front-End
(Switch, BI, FP)

DR*Net*®

Online Data Replication

Online Data Integration

Online Data Transformation

Online Data Distribution
Bound with the app

High Availability
Business Continuity
Hot Backup, Active-Active)

DR*Net*®/core

TANDSoft/FileSync
TANDSoft/C&R

Response Time
(Business Opportunity
Minimum latency)

Competitive Advantages

2

NTI participation In Partner Ecosystem

Caught the latest news?

In today's complex world of hybrid IT with data the contributing factor in business differentiation, no NonStop vendor can ignore the value that comes with working with partners.

NTI solutions for Business Continuity

| NTI Solutions | Online | DRNet® Unified | DRNet® Core | Online Data replication HP NonStop TMF, Non TMF files Hot Backup, Active-Active | HP NonStop Structure files Non Structure files |
			DRNet® vision	Online Business Integration Serves NonStop data to OPEN/BI/DW/Data Lake	JSON NonStop to BI, ie Splunk NonStop to data broker sols ie Kafka, ELK, etc.
			DRNet® open	Online Data Distribution NonStop to NonStop NonStop to OPEN	JDBC NonStop to Oracle, DB2, MySQL, etc.
	Batch TAND Soft		FileSync	Compare&repair	Fast Backup/Restore

NTI Highlighting Customers
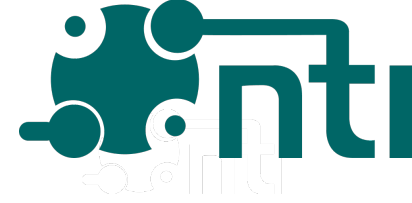
NonStop Systems anchor our Business

NonStop had proved reliable through the years but having an ability to replicate data created by their mission critical ConnexPay payment solution to anywhere around the globe in accordance with regionally legislated mandates on data movement, meant that a higher level of business resilience could be in sight.

"As a longtime customer of
HPE that has depended on the
business resilience of their
NonStop systems, we have
enabled consumer access to
their finances 24x7"
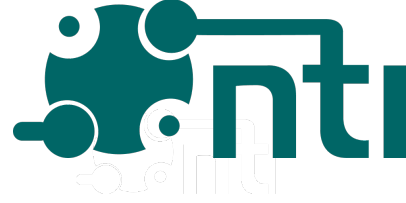
NTI: Highlighting Customers

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

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.

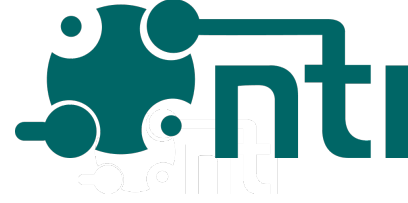Use Cases: Support and usage of DR*Net*®:
      An **Active/Active** environment
      DR*Net*®/Open to ship data to external systems
      DR*Net*® API to convert records (to external formats)
   DR*Net*® to **manage migrations** (of applications)

NTI: Highlighting Customers

NonStop Systems deliver data centric platform

NTI team "New Logo" with DR*Net* ®/Unified
    Major European Bank
BASE24 Customer
    Migration off GoldenGate
Success in a competitive landscape
    Opportunity for many vendors
Much more than NonStop to NonStop
    Foundation for future data needs
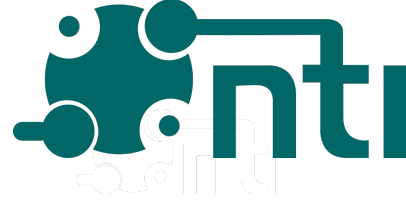   - Reporting, BI and Data Warehouse

DR*Net*® for GoldenGate Replacement
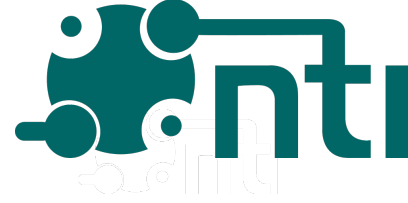
- Modern Business Continuity solution/Fewer CSMs
- Proven GGS replacement methodology/roadmap
- Requisite Base24 functionality standard product
- Application Release independence
- POC fully resourced and supported by NTI
- Substantially less expensive than incumbent
- Challenge NTI to prove savings!

DR*Net*® Proof-Of-Concept

- Proven methodology/migration roadmap(s)
- Non-Binding Temporary License Agreement
- GGS Config file input – Return DR*Net* ® config file output
  - "Line for Line"
- Begin BASE24 testing in 72 hours
- POC fully resourced and supported by NTI
  - Minimize Customer resourcing
- Request Proposal any time

Thank You

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