



# eGTUG – European Nonstop Symposium 2026

The latest news on programs and products focused on migrations, modernization and messaging.

**Richard K Buckle**

Storyteller, NTI Marketing Team.

# NTI: Nonstop Centric



*“We move the data that moves your business”*

NTI's business is Nonstop-Focused, Product Portfolio is Nonstop-Centric and Operations that excel in Nonstop.

High Availability isn't just in the forefront of product taglines, for NTI it is what we deliver throughout our business; from product design, through development, to deployment and support.



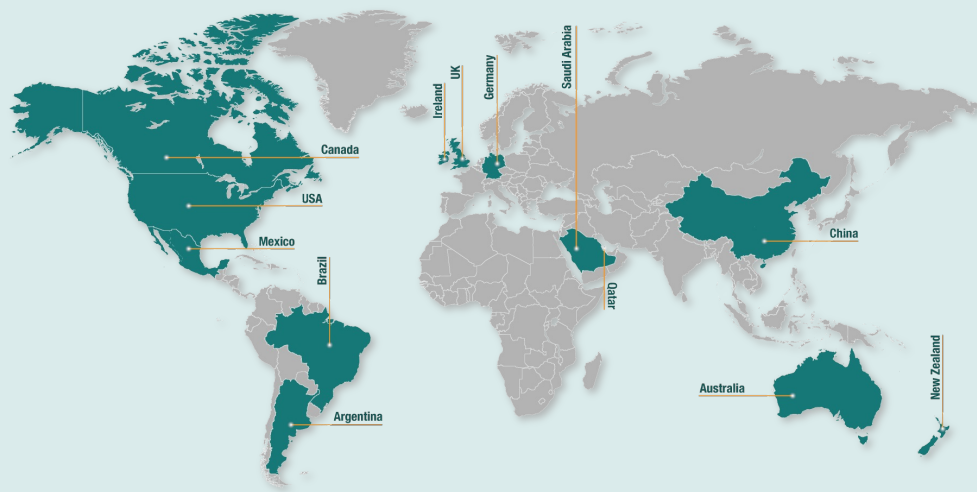
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# NTI: Global Presence that Delivers

Hundreds of NonStop systems deployments. Hundreds of use case scenarios. Experiencing growth lately in key markets - LATAM and AP/J



*Data centers in USA and Ireland. Offices in USA, Ireland and Mexico*

**Direct Support**



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# NTI: Mission

*“We move the data that moves your business”*

NTI: Delivering critical data where it's needed and providing intelligent access when it matters most.



## ***We move data..:***

This refers to the core technical service of migrating or transferring data from one location to another.

## ***..that moves yours business:***

By handling the data, NTI empowers the client's business to achieve its goals.



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# NTI: A Strategy Grounded in Movement



## Pioneered Change Data Capture (CDC)!

The horizontal enabling layer beneath which databases, files and tables are accessed seamlessly

## The DRNet® portfolio will continue evolving around:

- Active-active resilience architectures
- Cloud-aligned hybrid environments
- Kafka and data streaming platforms
- AI-driven accessibility and integration

*"This is consistent with our goal of expanding the DRNet® product portfolio where movement, migration and modernization of customer data continue to be central to our company strategy."*

Cody Newton, NTI's President and Chief Executive Officer



# First: Focused on Movement

**Replicates** data to D/R sites for Business Continuity.

**Distributes** data to open databases incl. Oracle, DB2, and more, whether in the cloud or out on the edge.

**Integrates** your data with Kafka, Splunk, ELK and more.

**Transforms** formats and services, supports modern protocols, opens access window for AI.



*Whether the need was to replicate data to PostgreSQL, Oracle etc or send to Splunk, **NTI delivered***

*Introduced support for JDBC connection to relational databases and JSON for time-series databases*




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# Second: Focused on Migration



Providing a path forward for  
Nonstop users looking at  
GoldenGate alternatives

- 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

**No Pre-Reqs and no Co-Reqs**  
Complete and Comprehensive  
with proven performance

**No new training** or need for  
additional professional services

**No secondary migrations**  
DRNet®/Unified supports

**non-TMF as well as TMF**  
deployments

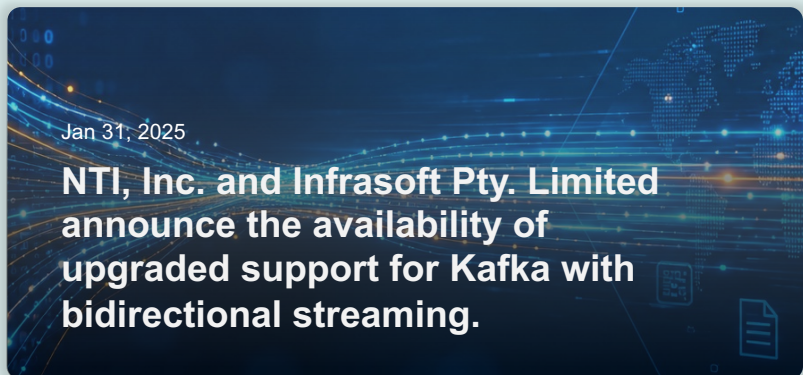


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# Execution: Adding Partnerships / Products



## First Customer Deployment in the Real World

- "Great integration" between DRNet<sup>®</sup> and Kafka
- Data transformation converting complex PTLF/TLF formats into JSON; sent to Kafka (ensure valuable PTLF/TLF data accessible by the rest of the enterprise)
- DRNet<sup>®</sup>/Kafka delivers to Mobile App via App's Kafka broker.



## Third: Focused on Modernization



*"uLinga Nexus is a monumental development allowing AI implementations to access Nonstop data."*

Alphonse Hoge, NTI's CTO

uLinga Nexus eliminates the need for extensive custom development, allowing organizations to deploy AI-powered fraud detection, conversational interfaces, and intelligent automation that directly accesses valuable transactional data on Nonstop systems without sacrificing reliability, security, or performance.



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# Execution: Expanding Product Portfolio



JDBC

JSON

KAFKA

AP/MPC

*"uLinga Nexus brings modern REST enablement, strong data transformation capabilities, and AI integration to the Nonstop ecosystem, improving accessibility for modern applications and AI-driven clients."*

Cody Newton, NTI's CEO



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# Customers are talking ...

For NTI, data replication success has allowed Nonstop customers to **move data, migrate middleware, and modernize** how they participate in Hybrid IT.



*"Today, we are hearing from our customers that **moving data has become a starting point and...** AI has become the biggest talking point of late... it has become an all-important driver behind our business of moving data in the modern world of IT."*

Cody Newton, NTI's CEO



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# uLinga Nexus

## REST enabling Nonstop Applications

Exposing Nonstop applications through modern REST APIs, **AI applications** and other external systems can **interact with legacy applications** using standard HTTP/JSON interfaces.

The built-in data transformation automatically converts between JSON payloads and the DDL or ISO8583 formats that Nonstop applications expect, **making decades-old applications immediately accessible to modern cloud- native systems as well as AI.**



# uLinga Nexus

## Native to Nonstop

Unlike solutions requiring interim servers or applications, uLinga Nexus **runs natively on Nonstop as a Guardian process pair**, providing direct, high- performance access to Nonstop applications and data.

This eliminates potential single points of failure and **reduces latency in AI- powered workflows.**

Security is provided through the authentication layer, supporting frameworks including Auth 2.0 and JWT token validation.



# uLinga Nexus



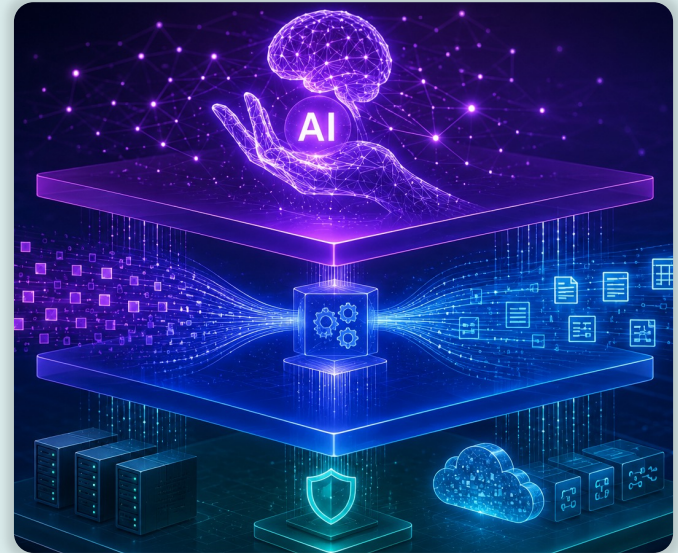
## Unique multi-layer Approach

The Model Context Protocol (MCP) layer provides the interface for AI-driven clients.

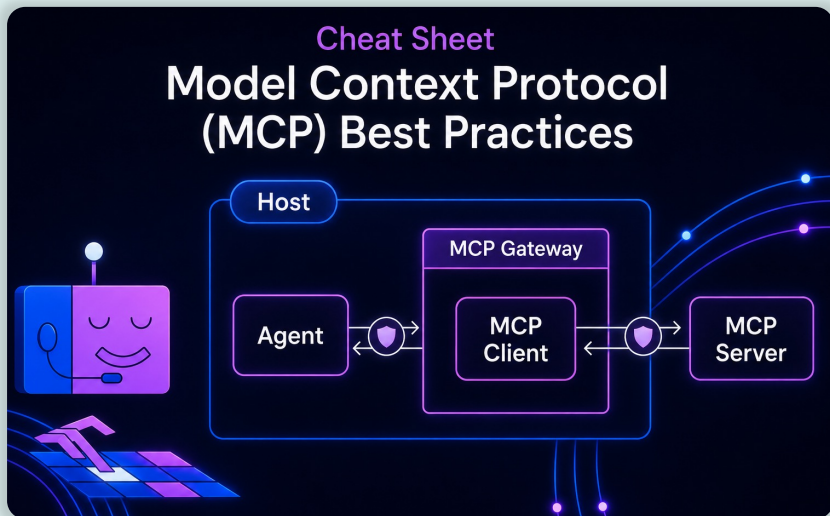
The transformation layer performs bidirectional conversion between JSON and DDL-based structures, including ISO8583.

The backend integration layer manages connectivity to Pathway, Guardian, OSS, and external endpoints.

**MCP is not an agent but rather, an enabler. NTI is all about enablement of data and MCP extends this enablement.**



# uLinga Nexus in practice

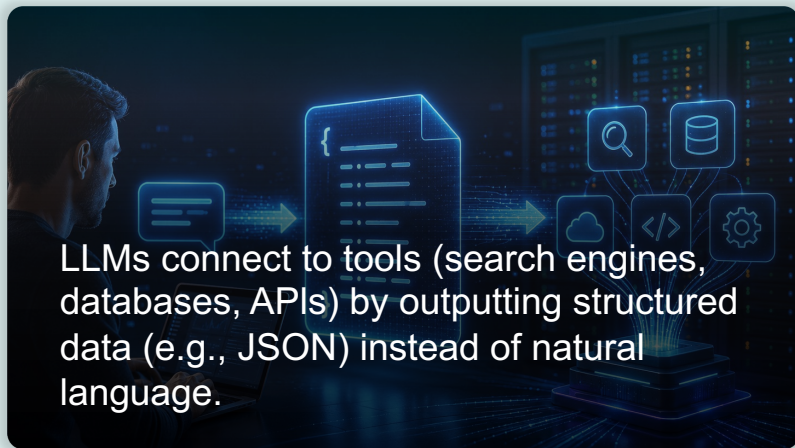


*"When queried, the AI client retrieves the data and applies standard analytical techniques to identify patterns of interest. Agent MCP Gateway MCP Client MCP Server. These include duplicate transactions, clusters of rapid withdrawals, and repeated behaviours that may warrant closer review."*

Andrew Price,  
Director of Business Operations, Infracsoft.

LLM (Large Language Model) is the reasoning engine behind the chatbot and there is a rapidly expanding list of LLMs, many of them already trained for industry verticals, including financial services... But, they can hallucinate.

# LLMs access to Nonstop (JSON)



- **Function Calling:** When a user request requires action, the LLM generates a specifically formatted JSON object indicating which tool to call and with what parameters.
- **Action Execution:** An application layer (not the LLM itself) catches this JSON, executes the tool, and feeds the results back into the LLM's conversation history.



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# Programming or architecting?



## LLMs, a program!

In simple terms, a model is a computer program. It's a set of instructions that perform various calculations on its input data and provides an input. But what makes ML models or AI models special is that rather than human programmers writing those instructions explicitly, they instead specify a set of instructions (an algorithm) and hyperparameters (algorithm settings) that then reviews large volumes of existing data to define the model weights and parameters itself. As such, the human programmers don't explicitly build the model - they build the algorithm that builds the model.

## LLMs, have rules - neurons and weights come out of LLM

In an LLM, this means that the programmers define the architecture for the model and the rules by which it'll be built - they don't create the neurons or the weights between the neurons. That's done in a process called "model training," during which the model, following the instructions of the algorithm, defines those variables itself.

How are LLMs trained? The data that is reviewed in an LLM is text. In some cases it might be more specialized or more generic, and in the largest models, the goal is to provide the model with as many varieties of text as possible to learn from.

## LLMs ... access to external sources

Language models can be also augmented with tools that give them access to external knowledge sources, extending their reasoning capabilities and letting them act in the real world. These types of augmented LLMs are usually called "agents." In this context, a tool is simply any function or program that an agent can use to perform a task.



# Breaking ... What's the big news?



## Job Search

AI is changing future workforce skills.

## End of Software

AI is transforming modern software delivery.

## End of Code

AI is reshaping traditional coding.

## New Product

Faster innovation through AI-powered platforms.

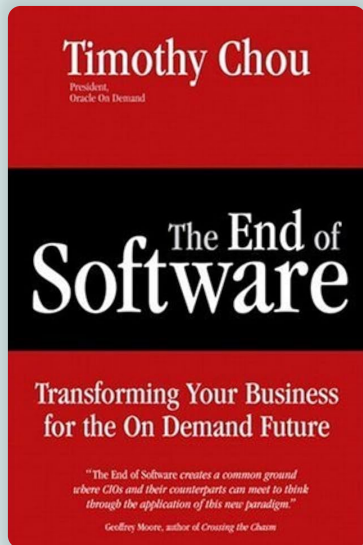
# Let's check the headlines



# Industry Analysts - The End of Software

“We are three years into an 80-year arc\*”

-- Marc Andreessen Jan 7, '26



**Strategy:** Are you just adding AI features to existing products? LLM technology represents a discontinuity at least as significant as the iPhone or enterprise cloud computing.

**Product:** How fundamentally have you changed product management, development, testing, and operations based on LLM technologies?

The companies that answer these questions honestly - and act on them - have a chance to be on the right side of history. The ones that don't will become cautionary tales in someone else's 2044 book about the End of SaaS.

"Neural network is the correct architecture. There was a 60 or 70 year run where that was controversial.

ChatGPT hits, and then o1 hits, and then OpenClaw hits, and these are radical, overnight transformative successes but they're drawing on an 80-year wellspring backlog of ideas and thinking."

-- Marc Andreessen Jan 7, '26



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# Financial Community - Software shares slide

## AI disruption worries hit industries such as software, real estate, trucking and financial services...

UPDATED TUE, FEB 17 2026 - 2:11 PM EST

**S&P 500 rises to start shortened week, led by banks; software shares slide: Live updates**

Sean Conlon | Alex Harring



Traders work on the floor at the New York Stock Exchange (NYSE) in New York City, U.S., Feb. 13, 2026.

Brendan McDermid | Reuters

The software sector has been getting hit on fears that artificial intelligence tools could replace industry-specific software providers.

“We just need time to see what earnings are going to look like from some of these companies,” Leah Bennett, chief investment strategist at Concurrent Investment Advisors, said in an interview with CNBC. “I think those that aren’t able to compete and don’t really have moats around their business, you’re going to see a deterioration,” she continued, adding that such a disruption will also lead the market to decipher winners in the space.

AI disruption worries hit industries such as [software](#), [real estate](#), [trucking](#) and [financial services](#) last week, pushing the S&P 500 to its second consecutive losing week. Both the S&P 500 and blue-chip Dow lost more than 1% last week, while the technology-heavy Nasdaq lost more than 2%.



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# Educational Institutions - AI is mandatory



CNBC March 6, 2026

**MARKETS**

## 'It's the beginning' — Cramer warns the weak payroll report shows AI-related job losses are here

PUBLISHED FRI, MAR 6 2026 9:55 AM EST  
UPDATED FRI, MAR 6 2026 10:16 AM EST

**Kevin Stankiewicz**  
@IN/KEVIN-STANKIEWICZ-85593466

**WATCH LIVE**

Job seekers arrive for the SacJobs Career job fair in Sacramento, California, US, on Thursday, Nov. 13, 2025.

"It's happening. Stop saying, 'When's it going to happen?' This is a happening," Cramer said. "No one wants to admit it because it's not cyclical. It's secular." He added, "This is the agentic economy."

	FUTURE CHG	FAIR VALUE	IMPLIED OPEN
S&P 500	-91.00	+2.46	-93.46
DJIA	-654.00	+16.74	-670.74
NASDAQ	-408.25	+2.91	-411.16

**VIDEO 04:39**  
STOCK FUTURES FALL, OIL EXTENDS RALLY  
Jim Cramer reacts to Friday's weak jobs report, warns of AI impact

SMH (Australia) March 7, 2026

**The Sydney Morning Herald**

Business Workplace AI

## Future-proofing your career: Which degrees will survive AI disruption?

Emily Chantiri  
March 7, 2026 – 5:01am

As artificial intelligence continues to upend industry and jobs, choosing degrees that will withstand the disruption and prepare students for future jobs is becoming increasingly important.

Monash University's faculty of information technology deputy dean, Professor Jean-Guy Schneider, said in the past few years, there has been a strong growth in demand for AI study, particularly at postgraduate level, as well as across undergraduate courses.

## All degrees must include AI component

Global technology futurist, Dr Bruce McCabe, said every process in every job across every industry would be affected by AI.

"All aspects will be changed. What I see is that most people grossly underestimate what's coming in all parts of AI. What we're seeing today is nothing compared to what's coming even in the next few years," he says.

With this in mind, McCabe said every course at university needs to include a component that demonstrates how to best use AI in that field. "Otherwise, we are selling the students short," he says.

"If you're doing a degree or even a course in carpentry, you need some sort of module to cover how to use AI in your industry, or you won't be competitive. "I don't predict a job apocalypse, but what I do predict is a marked increase in wealth disparity; those who are using the right AI tools to multiply their impact, will do well."

# Big News? Seriously?



*Somehow,  
we sense that we  
have been here  
before...*



# CTO Writes five programs

*"I am not a programmer but an architect; spec-driven development is now a given.*

*Using Claude AI, I created five programs to where the future livelihoods is past being threatened by AI; they are already dead!"*

Alphonse Hoge, NTI CTO



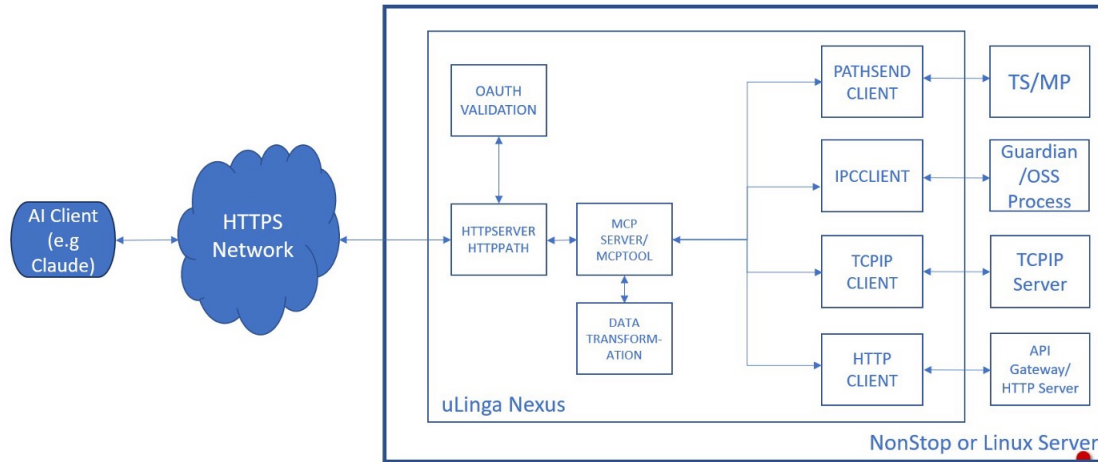
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# Infrasoft demo uLinga Nexus

## uLinga Nexus – MCP Server



(See demo on NTI stand)

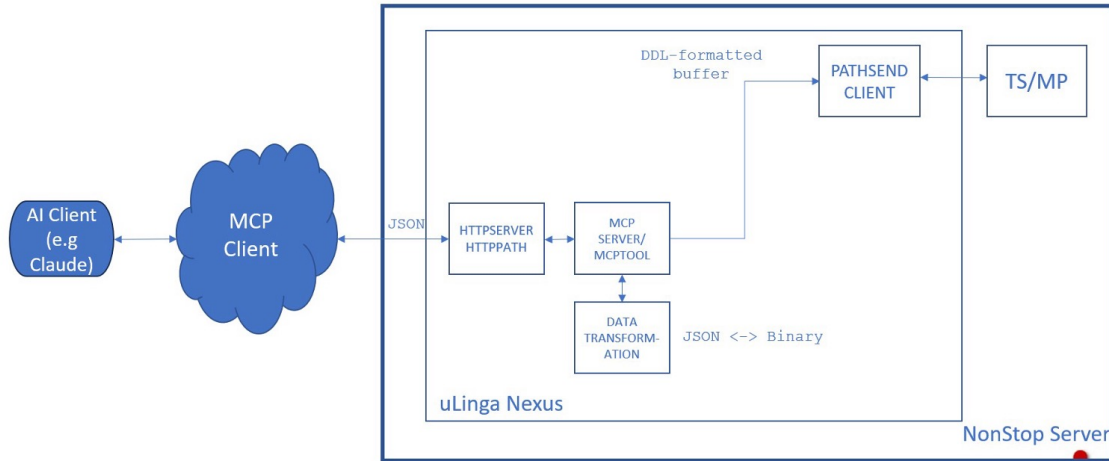


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# Infrasoft demo uLinga Nexus

## Demo Environment



(See demo on NTI stand)



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# Partnerships deliver modernization



*"uLinga Nexus is a monumental development allowing AI implementations to access Nonstop data."*

Alphonse Hoge, NTI CTO

**But here is what AI cannot do:** it cannot replace judgement. It cannot draw on decades of lived experience. It cannot navigate complex human dynamics with wisdom. It cannot sense when something looks fine on paper but feels wrong in practice. In fact, the more complex and fast moving the world becomes, the more valuable experience becomes.

Discernment. Perspective. Pattern recognition. Emotional maturity.

These are not optional qualities. **They are essential.**



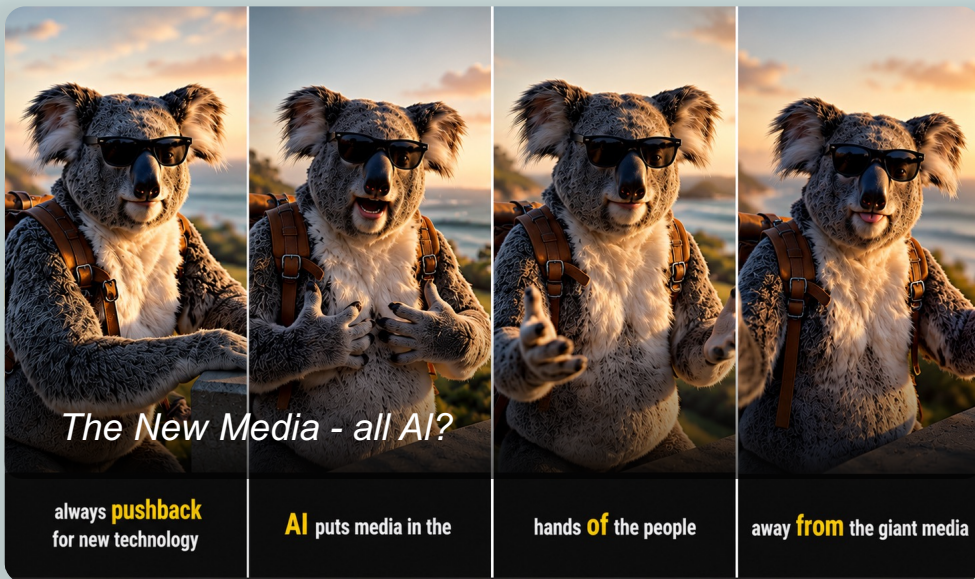
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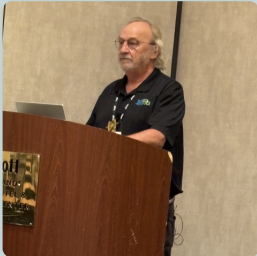
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# Focused on Media and Messaging

*According to the highly respected  
Koala of Bellbirdhollow:*



# Events and Conferences



*Elevated position within the Nonstop community through Conference Sponsorships*

# Supporting Collateral



# Publications and Social Media

**NonStopInsider**

Breaking cover. Telling stories. Making news!

NTI

Like Comment Repost Send

600 Impressions View analytics

Promote this post to reach people who matter to you. Boost

**Richard Buckle** • You  
 Co-founder and Chief Storyteller, Pyxis Technologies, LLC

As a HPE Nonstop evangelist who has been associated with the Nonstop product line across four-plus decades, I have often been asked about AI.

In the latest issue of The Connection, just published, I talk about AI in my column, Real Time View. Not to be taken as being negative or even dismissive of AI - and there will be those who do react - but rather, looking at it from a Nonstop perspective.

A little different perhaps even unexpected but it is now out there, published, so let me know what you think -

<https://link.in/en/qsWsu>

Real Time View  
 connectnonstop.com

Like Comment Repost Send

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 A Journal for the Hewlett Packard Enterprise Business Technology Community

March-April 2026

AI and the Nonstop Advantage

NTI: Delivering critical data where it's needed and providing intelligent access when it matters most

REGISTRATION OPEN

**REAL TIME VIEW**  
 Independent updates and commentary for the HPE Nonstop community

Yes, it is time for three more wishes for Nonstop!

By Richard Buckle February 13, 2026

Travel has been an integral part of my life. Always on a journey from the time began working in IT. This has been a topic I have regularly returned to in posts here and elsewhere. Exploring the world developed into a lifelong passion for me. What hasn't changed has been my pursuit...

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HOME ARCHIVE LOGIN MEDIA KIT SUBMISSION GUIDELINES GET PUBLISHED

NEWS TICKETS New to Nonstop Join the Journey

**Real Time View**  
 REFLECTIONS FROM 2025 - A YEAR OF RESILIENCE

February 3, 2026 Richard Buckle Editions, HPE Nonstop, In Every Issue, Jan-Feb 2026, Real Time View 0

**Quarterly Newsletter**

AI and the Nonstop Advantage

NTI: Delivering critical data where it's needed and providing intelligent access when it matters most

Monthly Community

NTI: Delivering critical data where it's needed and providing intelligent access when it matters most

NTI: Delivering critical data where it's needed and providing intelligent access when it matters most

**THE END OF TIME... LLMs BECOME IMMORTAL?**

HOW MANY TIMES HAVE WE HEARD THE EXPRESSION; TIME IS RUNNING OUT, OR, PERHAPS SIMPLY ANOTHER EXPRESSION, IF ONLY I HAD TIME.

Time is an abstract human construct. We depend upon it for meetings, measurements and even experiences. Nothing could identify Nonstop better than to say it's core deliverables center on support of real-time mission-critical applications. In this sense, it suggests at least two important considerations; the latency (of the transaction) as well as the sequence (of the transaction event). And there's possibly much more.

Keeping it simple, then how do we now look at the impact of AI and specifically, the explosion in the excellent creation of Large Language Models (LLMs) or, more simply just, "Models." Their impact has taken off and is accelerating. In some deployments, it's now providing responses indistinguishable from that we could expect to hear from a human. And it's taken very little time to reach this point of taking on significance among Nonstop customers who now are evaluating opening up Nonstop subsystems to requests coming from Client AI/ Chatbot. Access to Nonstop

memory and experience - a flow of time simply a perception perhaps even an illusion. This only came to mind as I celebrated yet another birthday where truthfully, my memory for details about the day proved flimsy at best. Step away from our reality, and time is meaningless. Or is it? Then again, overbearing a family discussion on the presence of dinosaurs as to whether they roamed 63 million years ago or was it 65 million years? For me, dates like that are meaningless. Furthermore, time and memory are closely intertwined to the extent, our memories reinforce our perception of time.

And so, it is with technology I recall the excitement over the support of the Intel x86 Architecture by the Nonstop team, but I am losing all sense as to what predated x86. I know the sequences of architectures but not in any detail. Wouldn't it be great to have memory empowerment that allowed us to better embrace our environment? Our daily lives? Certainly, there is advantages in our business lives if we can remember

**BITUG**

BITUG SPRING 2026 NEWSLETTER

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Spurring Events

Meeting Technology & Business

Highlights

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# uLinga Nexus in the News

## Bridging Worlds: AI Meets Nonstop Through Model Context Protocol

INFRAISOFT'S ULINGA NEXUS BRINGS MODERN AI INTEGRATION TO MISSION-CRITICAL SYSTEMS

February 1, 2026  Andrew Price Articles, Editions, Featured, Jan-Feb 2026 0



**The Connection, Jan - Feb 2026**

Andrew Price, Director of Business Operations

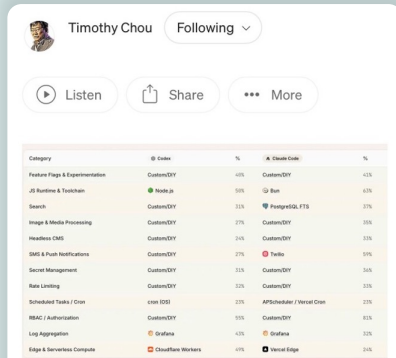
**No Additional Software** or server platforms required. **Eliminates potential single points of failure** and reduces infrastructure complexity.

**No Changes Required** to applications, **minimizing risk and effort** while enabling AI- powered workflows and REST API access to legacy systems.

**uLinga Nexus Automated Configuration** tools mean **data transformations can be set up quickly** using the web interface, **reducing time and expertise required**.

**Native Guardian implementation** gives high performance and proven uLinga reliability for AI integration. **uLinga Nexus offers a simpler, standards-based solution for connecting AI applications to Nonstop systems.**

# AI? Maybe it's all about the metal!



Twelve tests of two coding agents

When I landed my first job as an operating systems programmer at Tandem Computers — one of the original Silicon Valley startups — hardware companies ruled the world. IBM, Amdahl, DEC, Burroughs, HP, Data General, Cray, Prime. These were the names on every young engineer's wish list.

Then the world shifted.

If this is the current state then the entire middle layer of the software stack — the databases, the message queues, the observability platforms, the API gateways — may be living on borrowed time.

What remains? Bare metal. Hardware in its various configurations — large memory and small, fast storage and deep, high-bandwidth networking and local. The physical substrate that no amount of code generation can abstract away.

Which means the world might look surprisingly familiar. Not identical to 1980, but rhyming with it. The companies that endure may be the ones closest to the silicon — the ones building the machines that the AI runs on, rather than the software layers stacked on top.

I started my career in a world where hardware was king. I may end it in one too.



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# AI? Remember to always think, Orthotics!

*“Externally applied devices ... custom-made by professionals”*

Prosthetics and orthotics are specialized fields focused on improving mobility and function through assistive devices.

Prosthetics involves designing and fitting artificial limbs (protheses) to replace missing body parts, while orthotics involves creating braces or supports (orthoses) to strengthen or correct existing body parts.



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# Published in Mar - Apr, 2026, The Connection

*"The future is not about becoming everything to everyone.*

*It is about being the best at a critical function - and scaling responsibly."*

Cody Newton, NTI CEO

*Thank You* 😊



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