



The Broadband Moment for *AI Data*

February 2026

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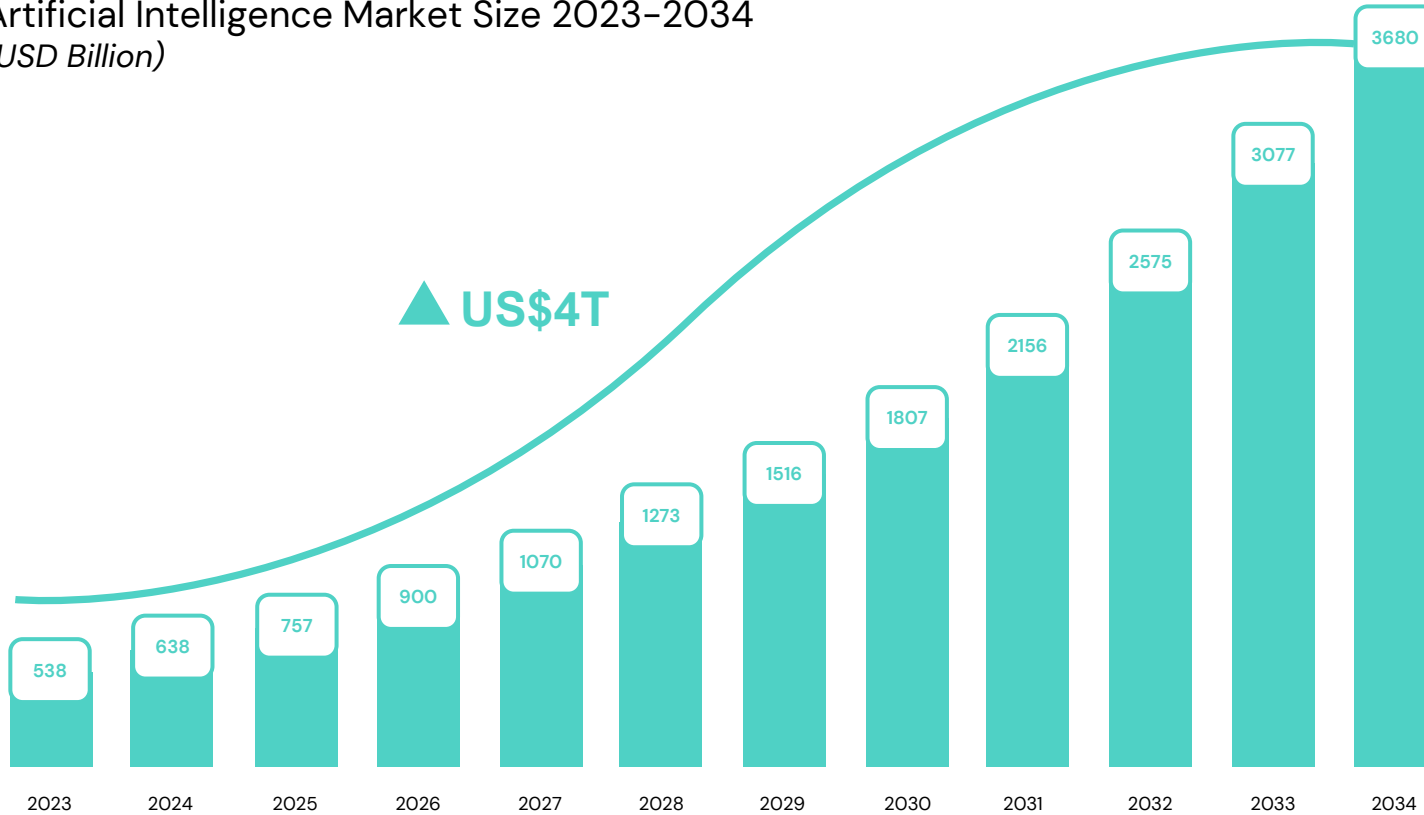
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# Agentic AI is a US\$4 trillion market

Artificial Intelligence Market Size 2023–2034  
(USD Billion)



US\$4.4T

McKinsey estimates the value by 2030

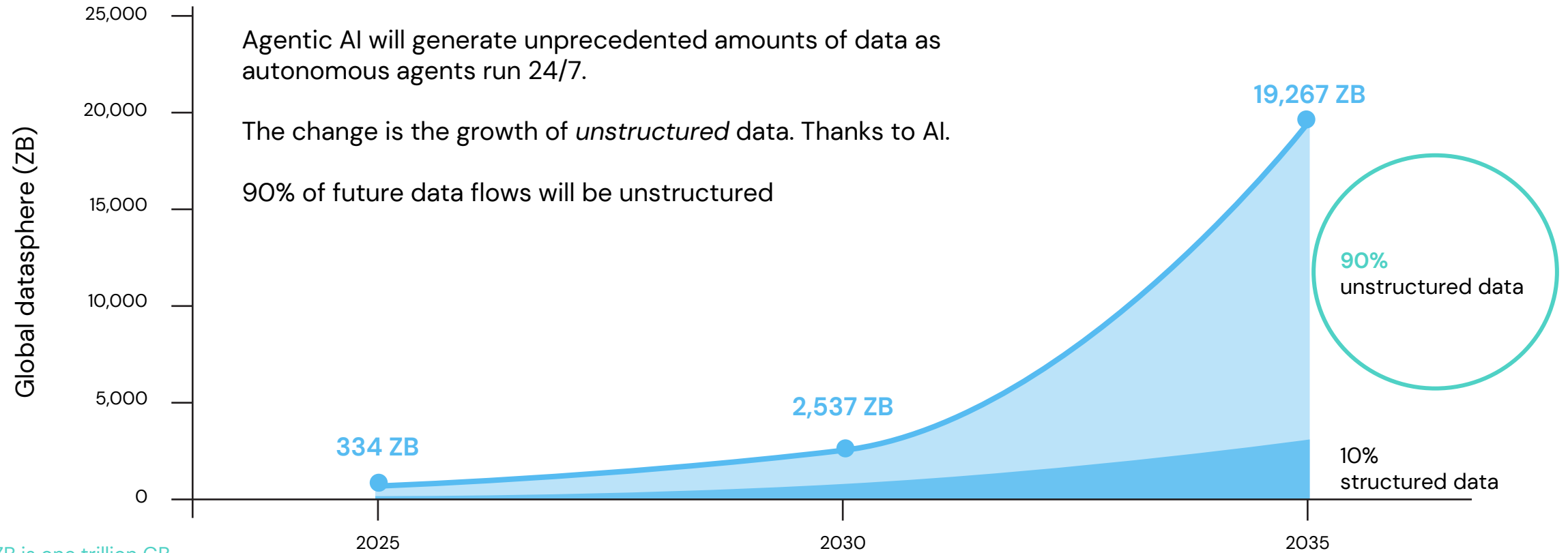
100%

of Fortune 500 companies using AI

Superagency in the workplace: Empowering people to unlock AI's full potential <https://www.mckinsey.com/capabilities/tech-and-ai/our-insights/superagency-in-the-workplace-empowering-people-to-unlock-ais-full-potential-at-work>

# Data generation will see equivalent exponential growth

Global Data Forecast to 2035



1 ZB is one trillion GB

Graph Source : The Holon Data Report Part 4: The exponential shift in data generation and storage capacity to 2040

<https://holon.investments/the-holon-data-report-part-4-the-exponential-shift-in-data-generation-and-storage-capacity-to-2040/>

The Data Deluge: What do we do with the data generated by AVs? Siemens Digital Industries, January 2021. <https://blogs.sw.siemens.com/polarion/the-data-deluge-what-do-we-do-with-the-data-generated-by-avs/>

# *Unstructured AI data* is the hidden *bottleneck* in scaling Artificial Intelligence

Unstructured data will crush existing infrastructure

- > **90%** of AI data is unstructured.
- > Prior to AI, data was structured. Think: tables from databases and orderly records.
- > Now, AI data is in the form of text excerpts, pdf's, documents, images, audio and video. This is *unstructured* data.

Existing data pipelines aren't setup for AI workloads

Too slow. Latency already sub-standard in most cases

Too expensive. Require arrays of thousands of CPU's to crunch data.


Too complex. Incumbents are already using bandaid solutions

Require too much overhead

# Unstructured AI data costs *10-280x* more to store and process

Unstructured data requires drastically more compute to ingest data and produce results.

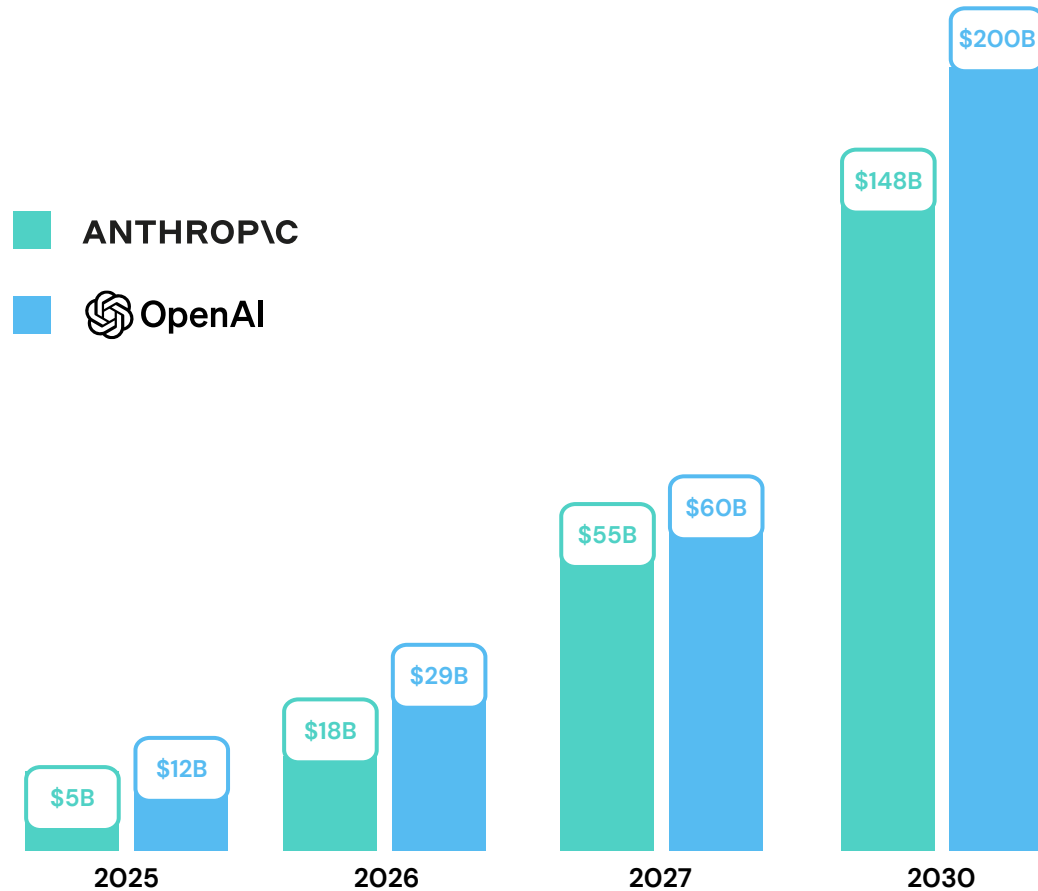
And costs are blowing out.



Cost Component	Structured Data	Unstructured Data	Cost Increase
Data Storage	\$0.25	\$71	<b>280x</b>
Query Costs (1M/mo)	<\$1	\$8.25	<b>10x</b>
Compute (GPU vs CPU)	\$6 (Databricks)	\$267 (Snowflake CPU)	<b>44x</b>

Sources: AWS, Pinecone, RDS, Radford

# OpenAI and Anthropic forecast *30x growth* in ARR within 5 years..



Forecast Annual Recurring Revenue

..but already architectures aren't coping.

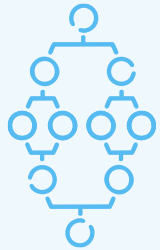
Anthropic's margins dropped by 10% to 40% in Q4 2025 as their **inference costs jumped 25%**.

Demand for their LLMs is rising but their infrastructure cannot keep up.

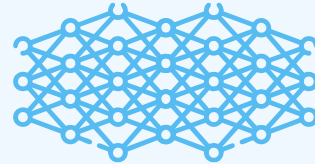
Source  
Anthropic Forecast 28<sup>th</sup> January 2026  
OpenAI Revenue Forecast Q4 2025

# We are the breakthrough

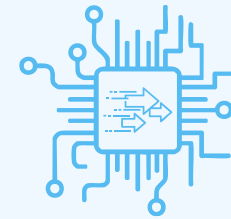
A data processing engine built on neural-networks, hyper-accelerated by specialty hardware.



Built on algorithmically enhanced  
Longest Prefix Matching



Scaled by Machine Learning  
Neural Networks



Hyper-Accelerated by  
FPGA Hardware

# A solution with *extreme* speed, scalability and performance



## Unprecedented Speed

- > Data acted on as it arrives. Without buffering.
- > Consistent millisecond-grade latency, even under extreme load



## Scale Without Limits

- > Supports enterprise-level data volumes.



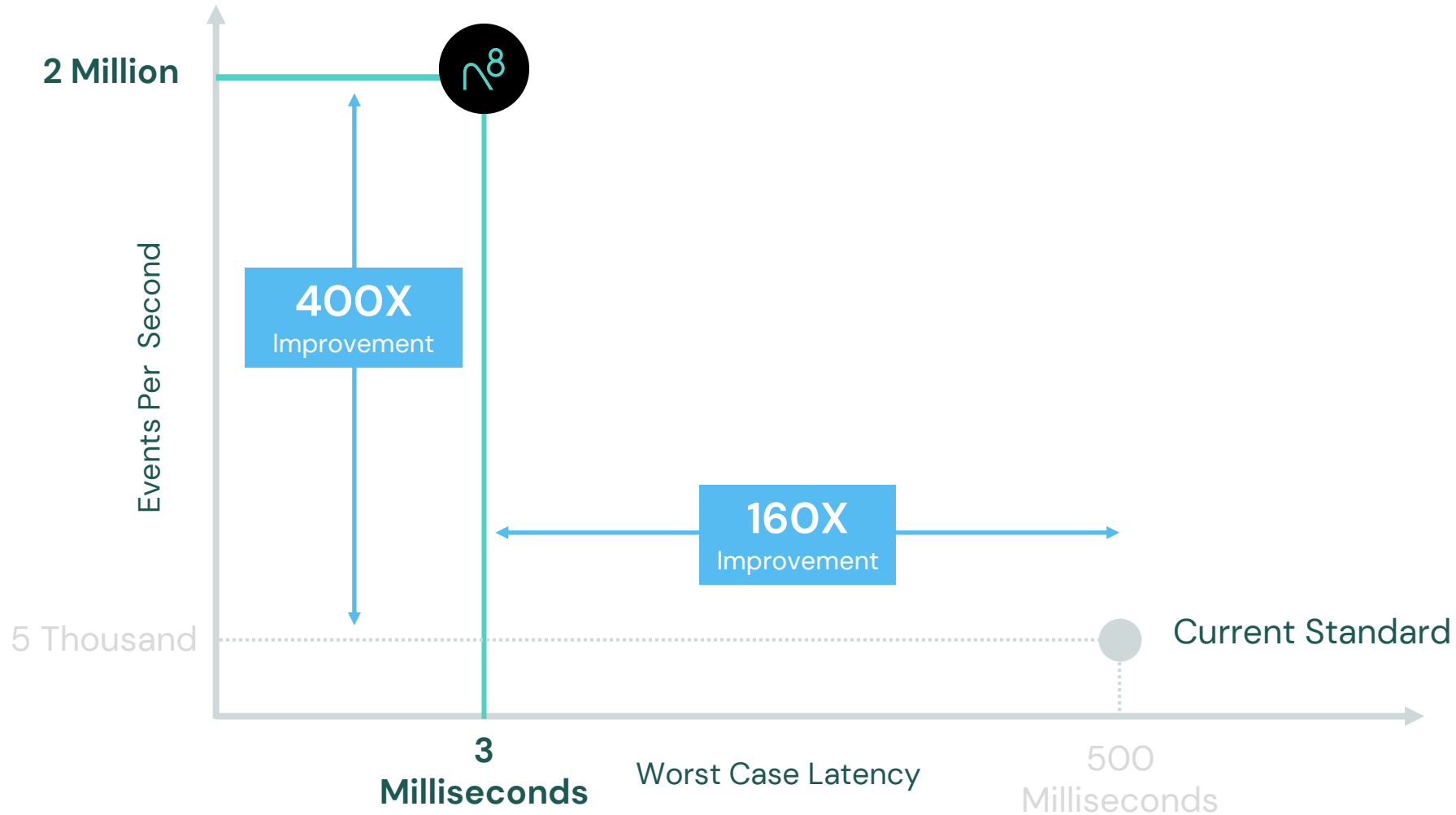
## Extreme Performance

- > No infrastructure sprawl mean *significantly lower cost & power*

## Backed by 5 years of published academic research.

- 2020** A Computational Approach to Packet Classification – Alon Rashelbach, Ori Rottenstreich, Mark Silberstein – **ACM SIGCOMM**
- 2022** Scaling Open vSwitch with a Computational Cache – Alon Rashelbach, Ori Rottenstreich, Mark Silberstein – **USENIX NSDI**
- 2022** Accelerating Open vSwitch Data Path with Neural Networks – Alon Rashelbach, Ori Rottenstreich, Mark Silberstein – **ACM/IEEE Transactions on Networking**
- 2023** Nucleotide String Indexing using Range Matching – Alon Rashelbach, Ori Rottenstreich, Mark Silberstein – **ACM BSB**
- 2023** Scaling Longest Prefix Match Hardware with Neural Networks – Alon Rashelbach, Igor de Paula, Mark Silberstein – **IEEE MICRO**
- 2024** Space-efficient FTL for Mobile Storage via Tiny Neural Nets – Ron Marcus, Alon Rashelbach, Ori Ben-Zur, Pavel Lifshits, Mark Silberstein – **ACM SYSTOR**

# Proving *astounding* results



Performance numbers are estimated using publicly available data from Confluent, Apache Flink, and AWS Flink. Considering 5KB per event, as seen on ClickHouse.

## We win on speed, cost, performance and infrastructure use



### Fundamental Architectural Shift

The scale and latencies of **5,000** CPUs in a single FPGA machine.



### Predictable Under Pressure

Behavior remains predictable even during extreme traffic load.



### Real Time Streaming

No batching or queuing. Milliseconds from start to finish.



### Inline Analysis

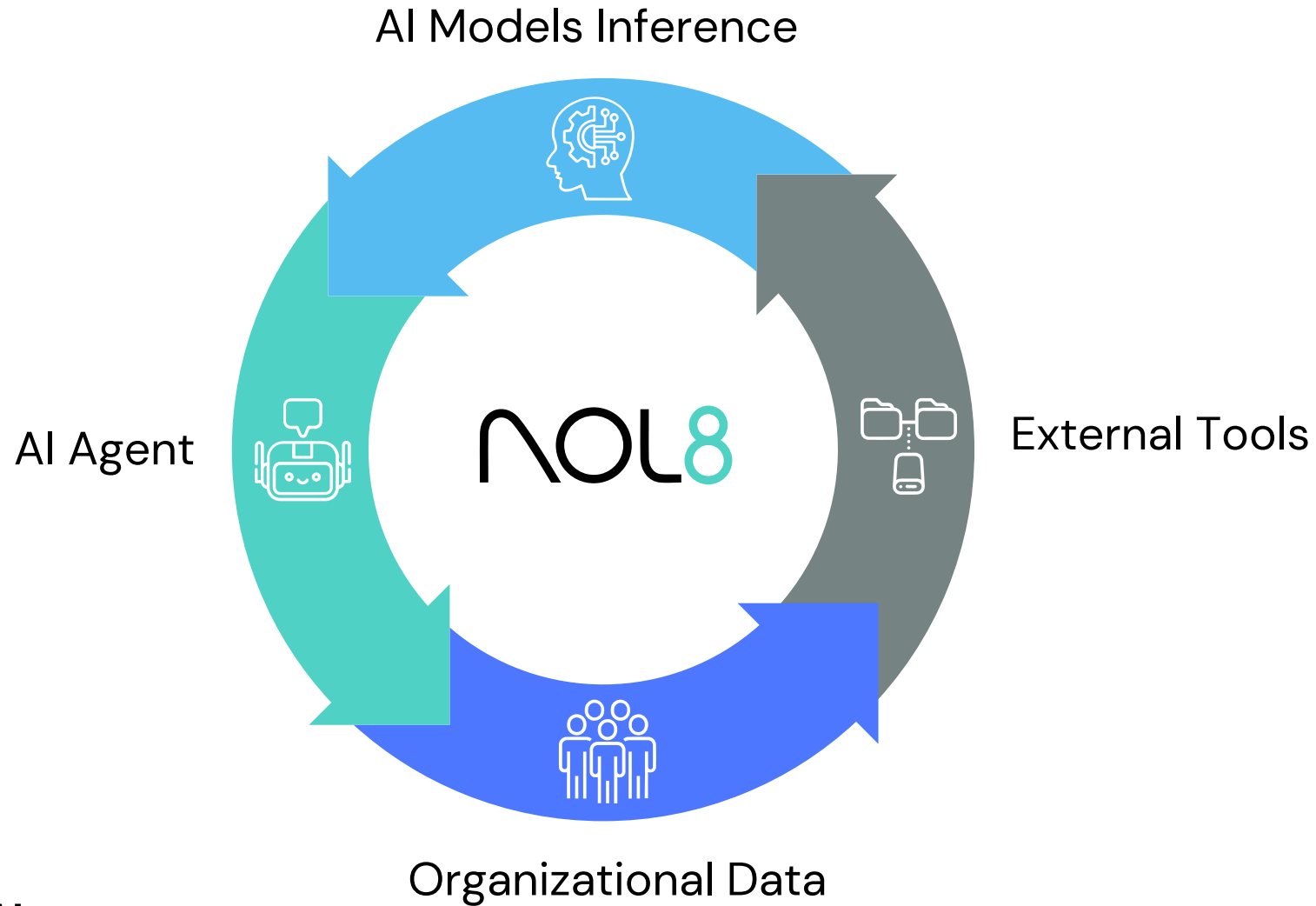
Every signal, every decision made by AI is analyzed inline.



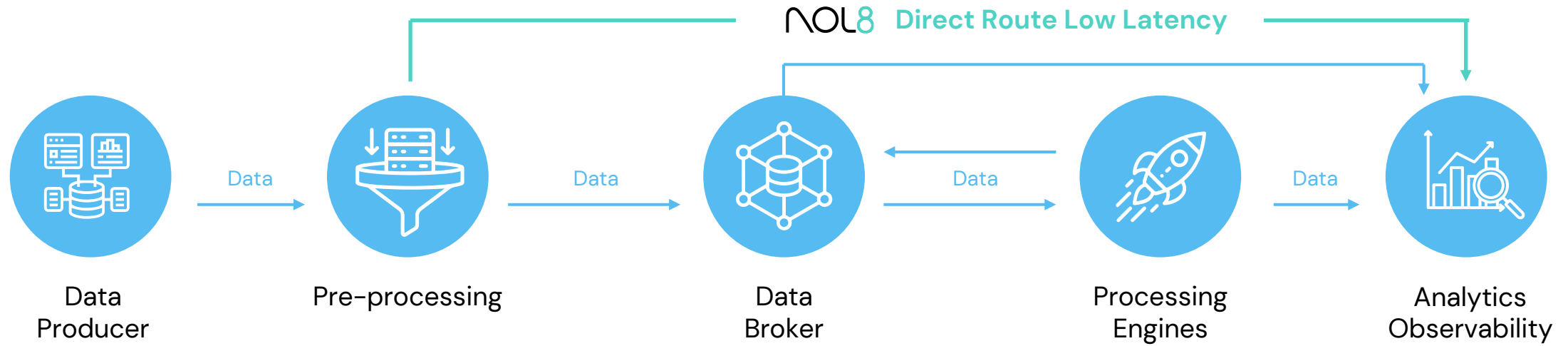
### Flexible Deployment

Available in cloud or on-premises.

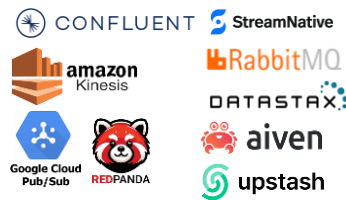
We analyse and move data throughout the *entire AI data plane*



# We also disrupt multiple services in the \$240B data ecosystem (Gartner)



**NOL8**  
Disrupts the industry of data service providers

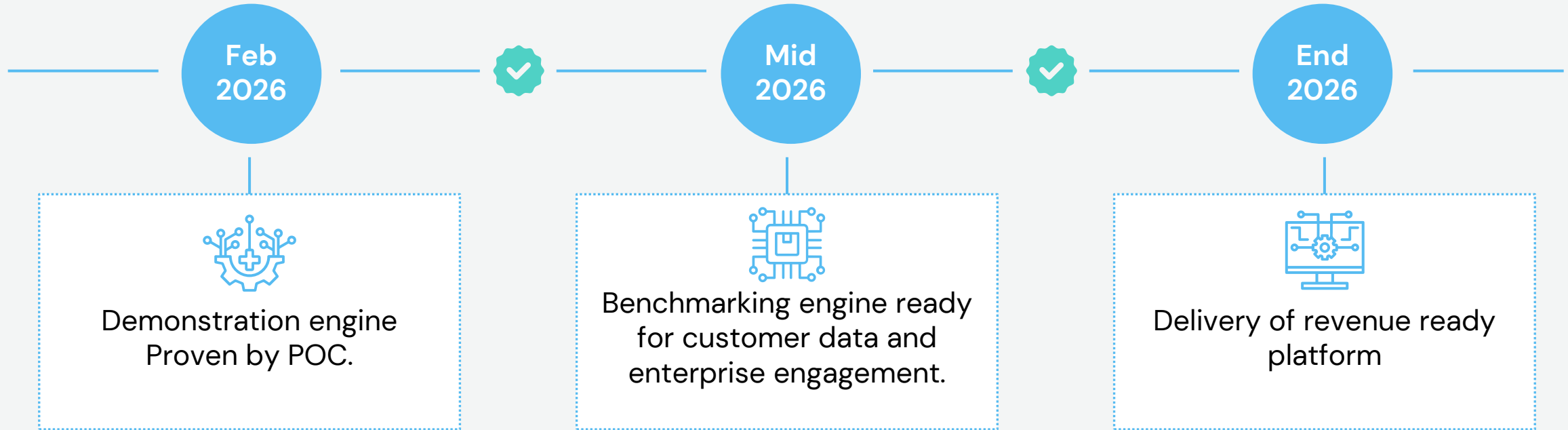


We sit *between* data sources, applications, agents and humans.



Example Architecture and Use Cases


# Our roadmap to formal *enterprise engagement* and targeted *revenue*



# AI is here to stay, and we win in *every scenario*





We win irrespective of who wins the LLM race.

ANTHROPIC or  OpenAI

We win either way.



We win irrespective of who wins the hardware race.

 or **AMD** 

We win either way.



We don't care if its humans or agents inferencing using AI.

We win either way.

We are the picks and shovels opportunity of the Agentic AI supercycle.

# Data Infrastructure companies are *already* seeing massive valuations.

The market knows data infrastructure is the hidden bottleneck in scaling AI.



**IBM** purchases data streaming provider confluent for **\$11B** in December 2025.



**Clickhouse** raises **\$400m** at **\$15B** in January 2026. Up from a valuation of **\$6B** in May 2025.



**databricks**

**Databricks** raises **\$2B** at **\$134B** valuation in January 2026.



**snowflake**

**Snowflake's** market cap hit **\$95B** in November 2025.



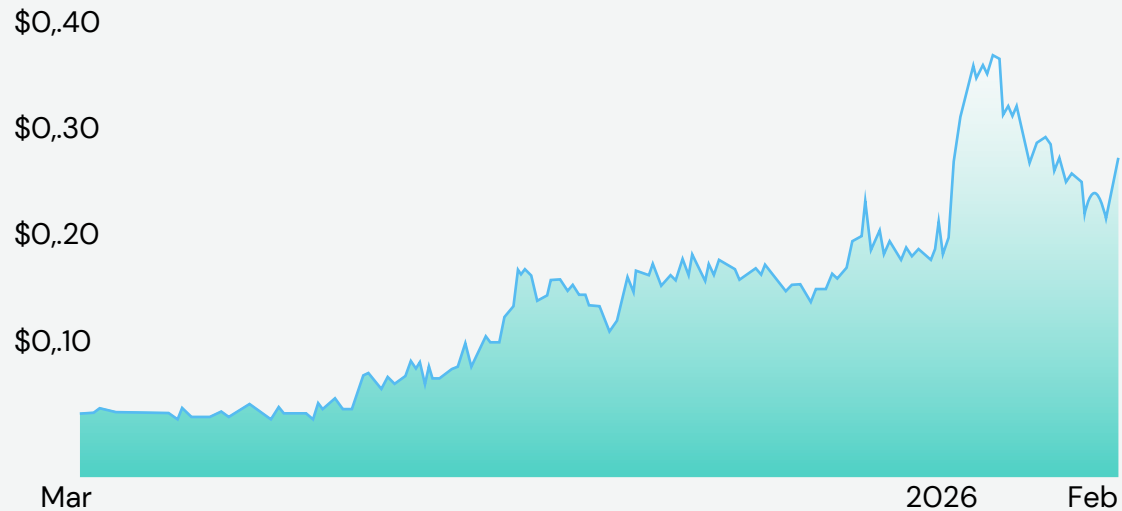
**DATADOG**

**Datadog's** market cap hit **\$43B** in 2026.

Sourced from publicly available company published data.

## Fortifai at a glance

FTI.ASX Price Chart (12 month)



<b>Market Cap (31c) at 16<sup>th</sup> February 2026</b>	<b>\$94m</b>
Shares on Issue	303m
Performance Shares on Issue	151m
Options on Issue	75m
Cash at 31 Dec 2025 (post government rebate)	\$4.68m
Top 10 Shareholders own	58%
Top 20 Shareholders own	70%

The Nol8 technology was acquired by Fortifai, effective February 2, 2026.

# Your Team

Inventor / Co-Founder  
Chief Technology Officer  
**Dr. Alon Rashelbach** PHD

PhD in Computer Systems and Electrical Engineering. Expert in accelerated computing, data science, networking, and advanced hardware design. Former Mellanox (now NVIDIA) engineer. Authored 11 academic publications.

Co-Founder / CEO  
Fortifai Director  
**Yossi Keret**

Business executive and CPA with 25+ years experience across semiconductors, biotech, and technology. Founding CEO Weebit Nano (ASX: WBT), successfully leading its ASX IPO. Previously CFO at major companies including Daimler Financial Services, Pluristem (NASDAQ).

Inventor  
**Professor Mark Silberstein**

Globally renowned computer scientist specializing in networking, processor architecture, and cybersecurity. His research has influenced flagship products at major vendors including NVIDIA, Mellanox, Western Digital, AMD and Intel. Authored 79 academic publications.

Chairperson  
**Shannon Robinson**

Ms Robinson (LLB, B Comm (Accounting) GAICD, FGAI) is an experienced company director and former corporate lawyer with 20 years corporate experience. Ms Robinson is currently Non-Executive Chair of Yojee Limited (ASX: YOJ) FBR Limited (ASX: FBR) and Pathkey Limited (ASX:PKY).

Non-Executive Director  
**Duncan Gordon**

Duncan Gordon is Executive Director of Cerberus Advisory, a boutique investment banking firm and founder and co-principal of Adelaide Equity Partners. His recent board experience includes serving as Non-Executive Chairman of Whitebark Energy Limited (2021-2024) and Dreadnought Resources Limited (2017-2019).

Non-Executive Director  
**Andrew Cole**

Mr Cole (BS (Econ)) is an experienced corporate executive and has a Bachelor of Science degree majoring Economics from Duke University, USA.

# A New Paradigm in Data Processing.

Authorised for release by the Board of Fortifai Limited

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