



PRESS KIT

Arentha

Persistent intelligence infrastructure for a world that cannot afford to keep forgetting.

CORE PROPOSITION

Arentha preserves governed intelligence outside active model context, reducing reconstruction, computational workload, and the infrastructure required to operate AI at scale.

Company overview

Arentha builds persistent intelligence infrastructure that carries governed knowledge, decisions, permissions, and provenance forward across models, systems, and time. ArenthaOS operates above the AI model layer, allowing organizations to continue from what has already been learned. Avoiding unnecessary tokens lowers direct model cost and computational workload, with attributable energy and infrastructure effects measured in real environments.

At a glance

Company + category	Arentha Persistent intelligence infrastructure
Product family	ArenthaOS, Arentha Cortex, and ArenthaOS Edge
Leadership	David Owen-Bard, Founder, Chief Architect and Chairman
Focus + IP	Data centers, compute-intensive enterprise systems, and other continuity-critical environments Patent-pending architecture



What Arentha Is Building

A new architecture for memory, continuity, governance, and computational economy.

Short boilerplate

25 WORDS

Arentha builds persistent intelligence infrastructure that preserves governed knowledge across models, systems, and time, reducing repetitive reconstruction and avoidable computation.

Standard boilerplate

Arentha builds persistent intelligence infrastructure for organizations operating across changing models, systems, and time. ArenthaOS preserves governed knowledge outside the active model context, reducing reconstruction with every new interaction. ArenthaOS, Cortex, and Edge keep intelligence continuous while compute is selected and governed according to the task. The architecture is designed around computational efficiency, human authority, provenance, model independence, and the relationship between token avoidance, lower compute demand, and attributable energy savings.

The three products

ArenthaOS	The persistent intelligence and governance platform that preserves continuity, assembles only what each task requires, and directs work to the appropriate resource.
Arentha Cortex	The private, local, enterprise, or specialized computational environment governed by ArenthaOS.
ArenthaOS Edge	The mobile and edge continuity carrier that keeps governed knowledge available across devices, remote sites, and disrupted networks. Coming soon.

CATEGORY STATEMENT Arentha reduces the physical cost of artificial intelligence by eliminating the computational cost of forgetting.



EVIDENCE

The Difference Is Measurable

Tokens avoided are direct charges eliminated and computational work not performed.

78.9% fewer input tokens

In a controlled benchmark, ArenthaOS reduced input-token demand from 88,337 to 18,657 tokens, avoiding 69,680 input tokens.

This was among Arentha's lower-avoidance results. Across hundreds of controlled use-case evaluations, token avoidance has reached 98%, depending on inquiry depth and how much prior intelligence a stateless system would otherwise reconstruct.

Why the result matters

- **Direct cost:** Every billed token avoided eliminates its corresponding direct token charge.
- **Compute:** Fewer tokens mean fewer model-processing operations, including less inference, GPU time, memory movement, and network activity.
- **Energy:** Less computational work creates less attributable electrical demand and less heat for cooling systems to remove.
- **Infrastructure:** More useful work can be produced from installed servers, power, cooling, and data-center capacity.

Arentha does not claim that a given percentage reduction in token demand creates an identical percentage reduction in total facility energy use. Facility-wide effects depend on workload, hardware, utilization, and operating conditions. The underlying engineering relationship is direct: computation that is avoided does not consume the energy that performing that computation would have required.

Approved quotations

FOUNDER QUOTE

“The AI industry is trying to generate enough energy to sustain forgetting. Arentha makes forgetting unnecessary.”

David Owen-Bard, Founder, Chief Architect and Chairman



People, Language and Contact

A compact reference for journalists, analysts, partners, and event organizers.

Media contact

INTERVIEW AND BRIEFING REQUESTS

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Founder

David Owen-Bard, Founder, Chief Architect and Chairman

David Owen-Bard created Arentha's persistent intelligence architecture and leads the company's technical vision, intellectual property strategy, and long-term direction. His work focuses on governed continuity, computational efficiency, and preserving intelligence across models, systems, and time.

How to Describe Arentha

ArenthaOS is a persistent intelligence and governance layer that operates above AI models. It preserves governed knowledge across interactions, systems, and time, reducing the unnecessary token processing otherwise required to reconstruct prior context.

Across hundreds of controlled use-case evaluations, ArenthaOS has demonstrated token avoidance ranging as high as 98%, depending on the depth and continuity requirements of the inquiry. Fewer unnecessary tokens mean lower direct processing costs, less computational workload, and lower attributable energy demand.

