

PRIME CORE

AI-Optimized GPU Energy Management 40-60% Energy Reduction |
Software-Only¹

THE GLOBAL SITUATION

Data centers burn **\$50 billion/year** on GPU energy.

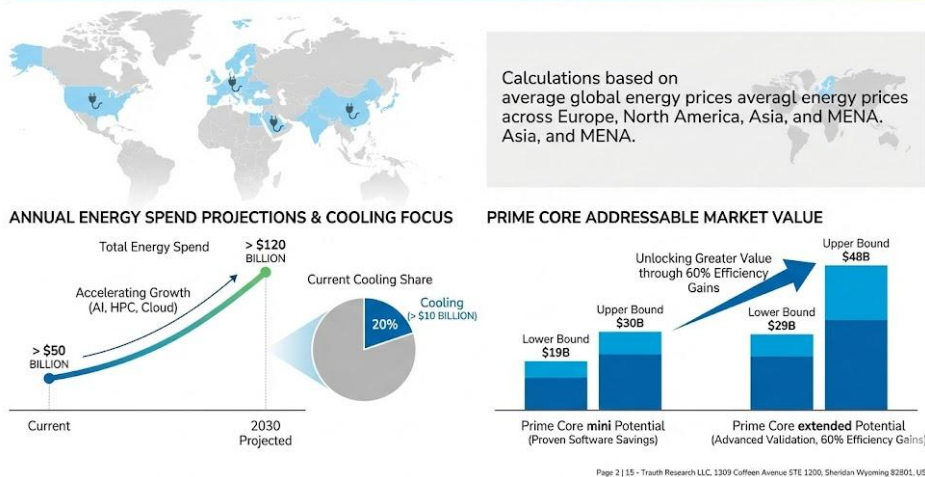
By 2030: \$120 billion/year.

Cooling alone: \$10B+ annually.

Current solutions (throttling, frequency scaling) deliver 5-10% savings max.

Every GPU hour wastes up to 60% of its energy as heat.

GLOBAL DATA CENTER ENERGY MARKET & PRIME CORE POTENTIAL



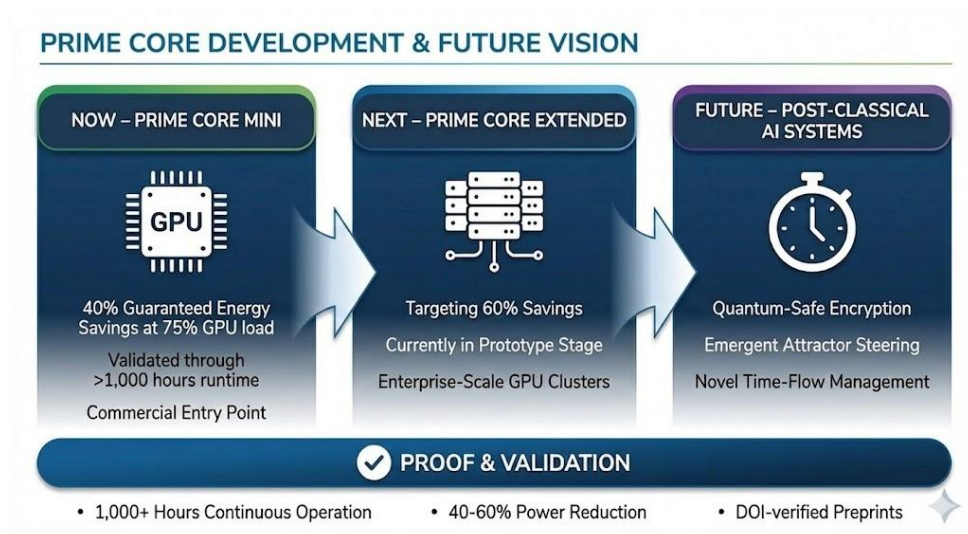
¹ Powered by Informationsgradient™ Technology

THE SOLUTION

Prime Core creates a self-organizing resonance field that structurally reduces GPU power consumption.

Prime Core leverages deterministic resonance dynamics to stabilize lower-energy compute states without modifying GPU firmware.

- **40% guaranteed savings** (Prime Core mini)
- Software-only – AI at scale – Advanced Neural Architecture
- Zero performance loss
- Works on existing NVIDIA infrastructure



VALIDATED. NOT THEORETICAL.

1,300,000+

data samples collected

1,000+ hours continuous runtime

2 GPU architectures tested (Ada Lovelace, Blackwell)

RESULTS

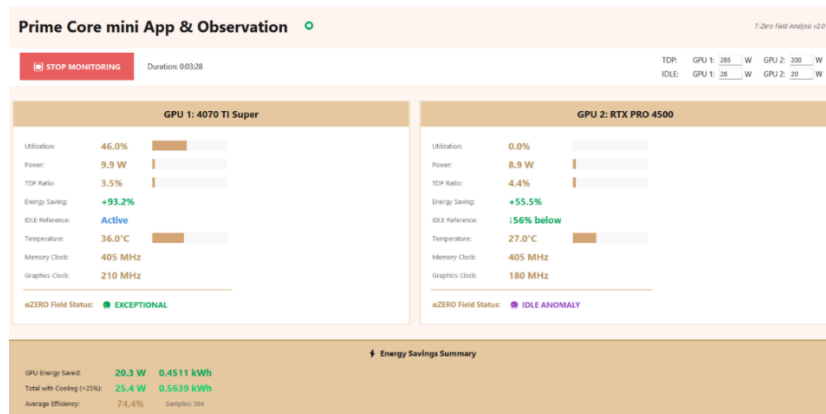
- 40-60% power reduction at 75% GPU load
- Temperature drop: 74°C → 52°C
- 4 peer-reviewed publications (DOI-verified)



VALIDATED. NOT THEORETICAL.



SOLUTION AS AN APP



VALIDATION & RAW DATA EVIDENCE

Transparent Audit Trail | 1,300,000+ Samples | Open Access

THE STRESS TESTS (Video Evidence)

Stage 1 (26 Hours): Initial Stability

Result: **54.8% Savings**

[Video Log Available](#)

Stage 2 (48 Hours): Term Consistency

Result: **55.9% Savings**

[Video Log Available](#)

Stage 3 (8 Days): Long-Term Endurance

Runtime: **192+ Hours Continuous**

Result: **58.7% Efficiency Gain**

[Video Log Available](#)

THE DATA (Zenodo Audit)

- ✓ **1,300,000+** Data Samples collected
- ✓ Full Telemetry & Power Consumption Logs
- ✓ Hosted on **CERN's Zenodo Repository**
- ✓ Unedited Raw Data for Independent Verification

DOI (Permanent Identifier)
10.5281/zenodo.17208067

STAGE I

[YouTube Link](#)

STAGE II

[YouTube Link](#)

STAGE III

[YouTube Link](#)

RAW DATASET ACCESS & PEER-REVIEWED FINDINGS

DOI: <https://doi.org/10.5281/zenodo.15400002>

Open access to full telemetry logs for independent verification.

SIMPLE. SCALABLE. ALIGNED.

PRICING

Product	Price	Savings
Prime Core mini	\$39/GPU/month	40% guaranteed
Prime Core extended	\$69/GPU/month	In development (60%)

EXAMPLE: 10,000 GPU Cluster

- Annual license revenue: **\$4.68M** (mini)
- Customer energy savings: **\$4.3M+/year**
- ROI for customer: **Positive from month 1**

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No CAPEX. Pure OPEX reduction. Customer pays when they save.

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RAISING

UP TO \$2,500,000

USE OF FUNDS

-  24 months runway for full-time R&D
-  Dedicated lab infrastructure
-  Hardware expansion (multi-GPU validation clusters)
-  Prime Core extended development → 60% savings

MILESTONES (12-18 months)

-  Enterprise pilot deployment
-  Extended prototype validation (60% savings)
-  Preparation for Seed/Series A

USE OF FUNDS

- 24 months runway for R&D & Core Team Expansion
- Key Hires: Business Development & Data Analysis
- Dedicated lab infrastructure
- Hardware expansion (multi-GPU validation clusters)
- Prime Core extended development → 60% savings

MILESTONES (06-18 months)

- Enterprise pilot deployment
- Extended prototype validation (60% savings)
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Note on Advanced Research: For more information about our advanced technology especially our research on Quantum-Safe Encryption and the resolution of NP-hard problems please refer to our Full Technical Deck & Scientific Publications. DOI: 10.5281/zenodo.17923811

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4,000+ hours R&D | 4 peer-reviewed publications

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Use of AI Models:

- Visuals: Created with Nano Banana Pro
- Correction & Data Analytics: Claude Opus 4.5 & Gemini 3