RESONIX

The reliability layer beneath intelligence.™

DOMAIN SPECIFICATION

RESONIX LABS (USA), INC.

UEI	CAGE	SAM.GOV	ENTITY	HEADQUARTERS	OWNERSHIP
J8PVQBNB34A5	25C44	Active	Delaware C-corporation	Paradise Valley, AZ	U.S. majority owned

SolvNum · engineer eval

Engineer pilot handout · 20 October 2026

Job: **Bit-identical** numeric results on a **bounded hot path** across lab, HIL, and field CPUs.

Compare to: Ordinary **FP64** (expect cross-machine drift) or program-specific fixed-point enclaves.

Pilot KPIs: 100% bit match on agreed test vectors across your qual hardware matrix.

30-day pilot: Subsystem scope with cert authority; explicit list of in-scope operations.

Pass: Bit-identical on qual matrix for scoped ops.

Lab evidence (scope): Demo across x86, ARM, GPU, WASM on scoped ops; **no signed field pilot** bundled with product card.

Do not compare to: Full-stack determinism without scoped op list.

NAICS

541715 PRIMARY

513210 · 541511 · 541512

PSC

AJ12

DA01

R425

INQUIRIES

Partnering, teaming and technical questions

Mike Hurm, COO
mikeh@resonixusa.com

Paul West, CTO
paulw@resonixusa.com