

Next-Gen Neural Data Processing

Accelerating human-machine throughput by 10x.

Presenter: Dr. Sarah Jenkins, CEO
Contact: sarah@nexa.fictional
Web: nexa.fictional

The Challenge & Solution



The Bottleneck

Modern data bandwidth has outpaced human cognition.

- Neural streams exceed 1.2 GB/s.
- Cognitive fatigue spikes within 20 mins.
- Zero real-time processing options.



Nexa Coprocessor

Nexa's active neural coprocessor filters noise.

- Real-time decoding at <5ms latency.
- 92% cognitive load reduction.
- Seamless API integration.

Market Opportunity & Traction

MARKET SIZE

\$15B

Total Addressable
Market in neuro-
informatics by 2029.

GROWTH

3.4x

Year-over-year
revenue expansion
in enterprise pilots.

EFFICIENCY

92%

Reduction in signal-
to-noise ratio
during core testing.

Competitive Advantage

Feature	Nexa Platform	Legacy Systems
Bandwidth Capacity	10 Gbps	100 Mbps
Latency	<5 ms	>120 ms
Deployment Time	2 Weeks	6 Months
Integration Cost	Zero API Fee	\$50k Setup

Leadership Team & Capital Ask

Founders



**Dr. Sarah
Jenkins**

CEO · ex-Apex,
MIT PhD



Marcus Chen

CTO · Stanford
Neuro

The Ask: \$2.5M Seed Round

Funding targets for next 18 months:

- > 50% Product & Clinical Trials
- > 30% Key Engineering Hires
- > 20% Enterprise Pilot Deployments

Target Runway: 24 Months