

Rosenblatt's 5th Annual Age of AI Summit

Vikram Gupta

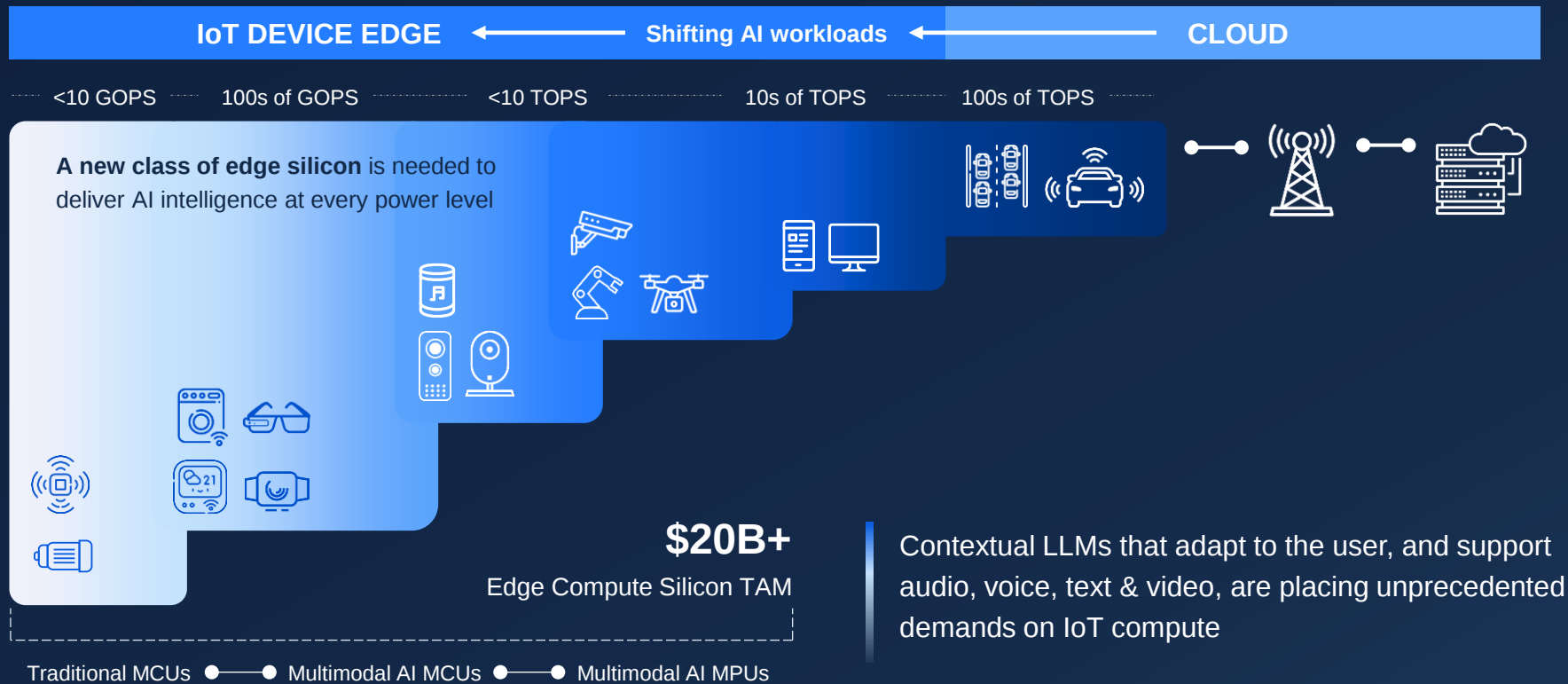
SVP and GM of IoT Processors
Chief Product Officer



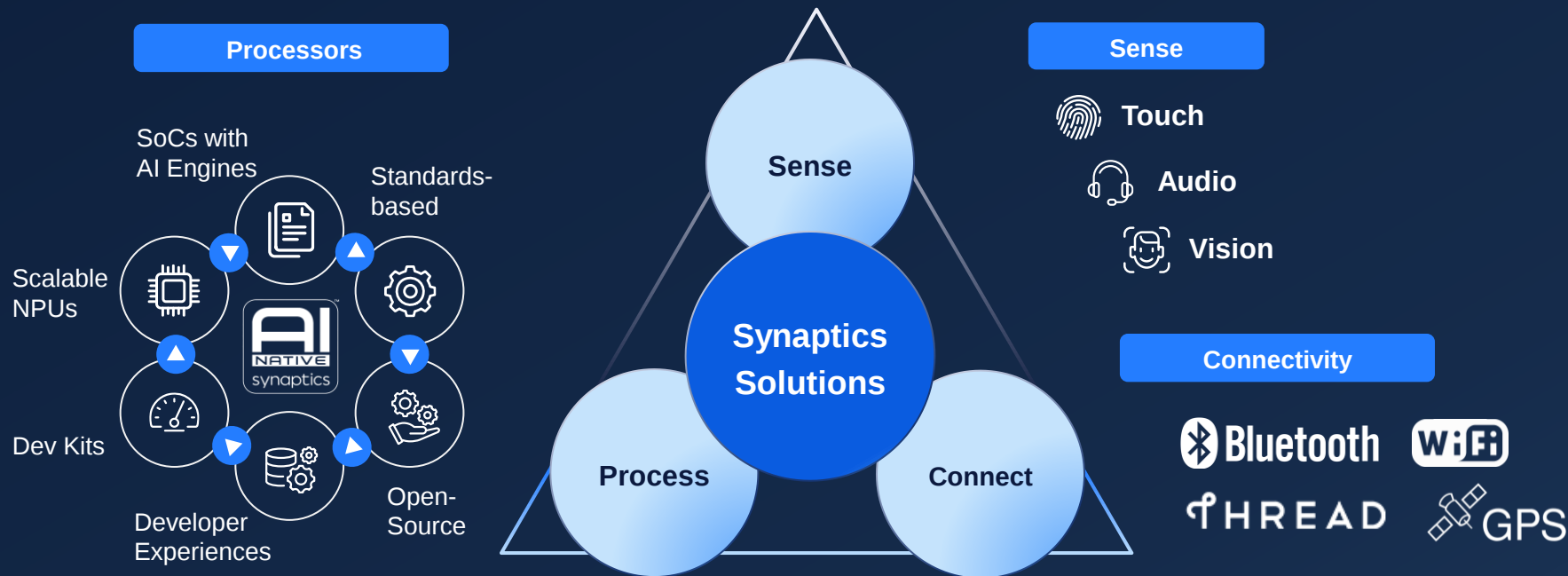
Safe Harbor Statement

This presentation contains forward-looking statements that are subject to the safe harbor provisions under the Private Securities Litigation Reform Act of 1995 and the Federal Securities laws. Such forward-looking statements include words such as “expect,” “anticipate,” “intend,” “believe,” “estimate,” “plan,” “target,” “strategy,” “continue,” “may,” “will,” “commit,” “should,” and/or variations of such words, or other words and terms of similar meaning. These forward looking statements reflect our best judgment based on current expectations and assumptions that are subject to risks and uncertainties, including risks related to global macroeconomic conditions, including the impact of trade restrictions, tariffs, or geopolitical tensions such as the conflict in the Middle East, any of which may lead to reduced customer demand, supply chain disruptions, increased costs, and operational adjustments (such as reductions in force); inflationary pressures, fluctuating interest rates, and exchange rate volatility; demand variability in the Core IoT and Enterprise and Automotive markets, as well as risks related to customer concentration, inventory corrections, or changes in end-market adoption trends; expectations related to our financial performance for the upcoming quarter; the company’s dependence on one or more large customers; the company’s exposure to industry downturns and cyclicity in its target markets; manufacturing and supply chain risks, including the company’s dependence on third parties to maintain satisfactory manufacturing yields and deliverable schedules, the availability of critical components or delays from third-party foundries and assemblers; the company’s ability to successfully execute on its strategies, including new product introductions, acquisitions and strategic partnerships; the company’s ability to execute on its cost reduction initiatives and to achieve expected synergies and expense reductions; the company’s ability to maintain and build relationships with its customers; the company’s indemnification obligations for any third party claims; operational challenges related to the CEO transition, including leadership continuity and retention of other key technical or managerial personnel; risks related to our ability to deliver expected financial or strategic benefits from investing in growth while simultaneously returning capital to shareholders through share repurchases; and other risks as identified in the “Risk Factors,” “Management’s Discussion and Analysis of Financial Condition and Results of Operations” and “Business” sections of our most recent Annual Report on Form 10-K and our most recent Quarterly Report on Form 10-Q; and other risks as identified from time to time in our Securities and Exchange Commission reports. Forward-looking statements are based on information available to us on the date hereof, and we do not have, and expressly disclaim, any obligation to publicly release any updates or any changes in our expectations, or any change in events, conditions, or circumstances on which any forward-looking statement is based, except as required by law.

AI's Next Frontier — The Device Edge



Synaptics is *uniquely* powering AI at the Edge



Synaptics Processors – Standardized, AI-Native

IoT solutions today are fragmented and NOT built for AI and scale

Requirements



SILICON

Innovation in AI software and algorithms are far **outpacing Silicon** advancements



Future-ready Edge AI SoCs



SOFTWARE

Proprietary, closed AI Software and Tooling are **holding back broad adoption** of applications



Open Software & Ecosystems to deliver scale

Synaptics is focused on taking an AI-native approach to **Edge IoT processing**

Partnering to Deliver Scale for Edge AI Solutions



Synaptics and Google Collaborate on Edge AI for the IoT

"The collaboration will integrate Google's ML core with Synaptics Astra™ AI-Native hardware and open-source software to accelerate the development of context aware devices."

- January 02, 2025



- Unify vision / voice / machine sense data capture for next-generation LLMs
- Build the industry standard for hybrid edge-cloud solutions
- First-mover advantage potential
- Mindshare resulting in market share gain



Ultra Low Power
Integration

Performance per
watt leadership

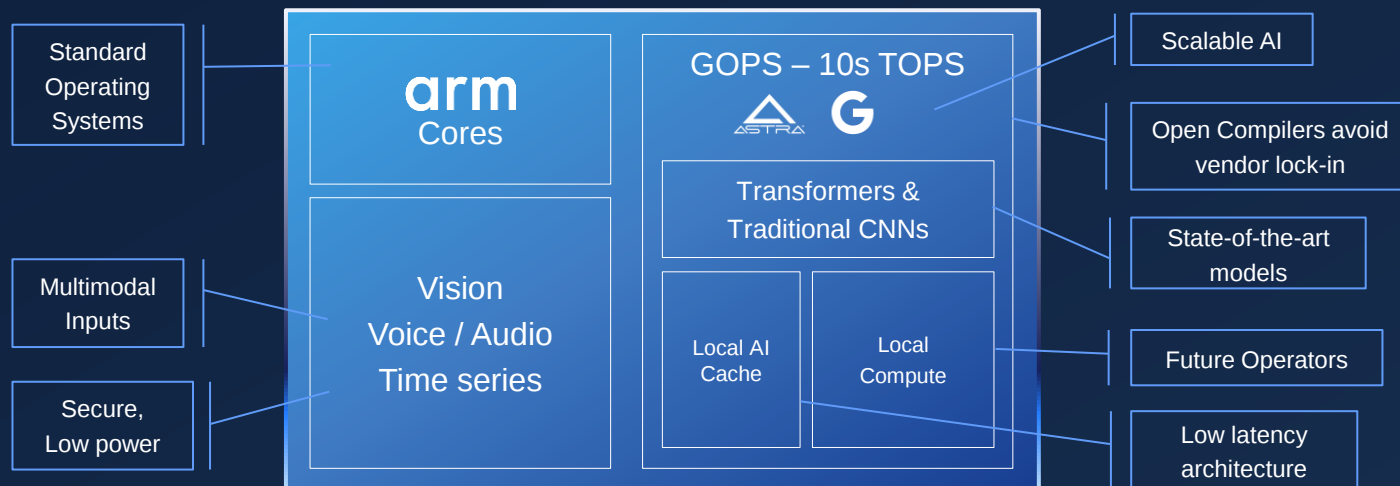
Open-source
Mindset

On-device AI
heritage

Right Foundation for a Differentiated Edge AI Device Ecosystem for the IoT



Defining the standard for IoT Edge AI Compute



LLaMA
by Meta



USEFUL
SENSORS



OpenAI
Whisper



ultralytics



Hugging Face



Gemma

Breaking the Mold – Open, Modular, Developer-first

Open-source Edge AI Software & Tools



AI Developer



AI User



AI Customer

- Developer experience enabled via **developer.synaptics.com**
- Comprehensive documentation for beginners to advanced users
- Curated, optimized edge models for vision, voice
- Multimodal AI apps integrated into Synaptics SDKs
- Access to AI experts via a simple support framework

Get started in minutes



Intro to Edge AI

Learn about running AI models directly on embedded devices in real-time.

[Learn more →](#)



Unlock Edge AI with Astra

Astra makes it seamless to integrate Edge AI into your existing embedded development pipeline.

[Learn more →](#)



Getting Started

Get started with series of Quick Tutorials and embark your Edge AI journey.

[Learn more →](#)



Linux

yocto
PROJECT



android



GitHub

freeRTOS



- ✓ Astra Yocto **Linux** SDK available on public GitHub
- ✓ Partner IoT Linux distributions

- ✓ **Android** for vertical markets
- ✓ AI MCU SDK with **FreeRTOS** and **Zephyr**

Synaptics Astra™: AI-Native Platform

Scalable, open system for deploying real-world Edge AI

**Multimodal IoT
AI Processors &
Microcontrollers**



**Powering the Future of
AI Experiences**

- Edge AI with tools & optimized models
 - Curated AI journeys
- Broad partner ecosystem

**AI Dev Kits
with Open
Software**



Unified
Software
Experience

Adaptive
AI Framework

Compute
Solutions

Wireless
Connectivity

Solution
Ecosystem



**Paired with
Best-in-class
Wireless
Connectivity**

Synaptics is shaping the Edge AI Standard for the IoT



Purpose-built IoT AI silicon



Future-ready, scalable AI engines



Developer-first AI Software



Google partnership builds ecosystem leverage



Price performance leadership at the right power



Thank You.

Vikram Gupta

