

The logo for Wave Computing, featuring the word "WAVE" in a stylized, blue and green font with a registered trademark symbol (®) to its upper right.

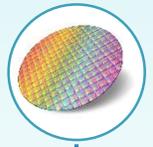
COMPUTING
Revolutionizing AI from the
Datacenter to the Edge

Introducing Wave's TritonAI™ 64 Platform

Licensable AI Platform Scalable for the Edge



Wave + MIPS: A Powerful History of Innovation



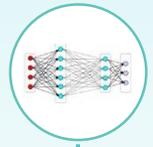
2010
Wave founded by Dado Banatao as Wave Semiconductor, with a vision of ushering in a new era of AI computing



2012
Developed Coarse Grain Reconfigurable Array (CGRA) semiconductor architecture



2014
Delivered 11GHz test chip at 28nm



2016
Announced Derek Meyer as CEO
Launched Early Access Program to enable data scientists to experiment with neural networks



2018
Wave acquires MIPS to deliver on its vision for revolutionizing AI from the datacenter to the edge
Announced partnership with Broadcom and Samsung to develop next-gen AI chip on 7nm node
Launched MIPS Open initiative
Closed Series E Round of funding at \$86M, bringing total investment to \$200M+
Expanded global footprint with offices in Sri Lanka and Manila

2010 2011 2012 2013 2014 2015 2016 2017 2018 2019

2011
Wave develops dataflow-based technology, providing higher performance and scalability for AI applications
MIPS introduces first Android-MIPS based Set top box at CES
Google selects MIPS architecture for use in its Android 3.0, "Honeycomb" mobile device



2013
Wave expanded team to include architecture, silicon and software expertise



2015
Renamed the company to Wave Computing to better reflect focus on accelerating AI with dataflow-based solutions
MIPS Automotive MCUs & ADAS engagements with MobilEye, Microchip & MStar



2017
Closed Series D Round of funding at \$56M, bringing total investment to \$115M+
MediaTek selects MIPS for LTE modems



2019
Created MIPS Open Advisory Board
MIPS Powering 80% of ADAS-enabled automobiles
Wave joins Amazon, Facebook, Google and Samsung to Support Advanced AI Research @ UC Berkeley



*AI was born in
Datacenter*

**Revolutionizing AI from the
Datacenter to the Edge**

Market Drivers



Networking



Enterprise



Mobile



Industrial



Autonomous



IoT

AI Use Cases



Privacy



Security



Isolated



Low latency

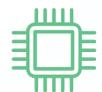
Cost



Bandwidth



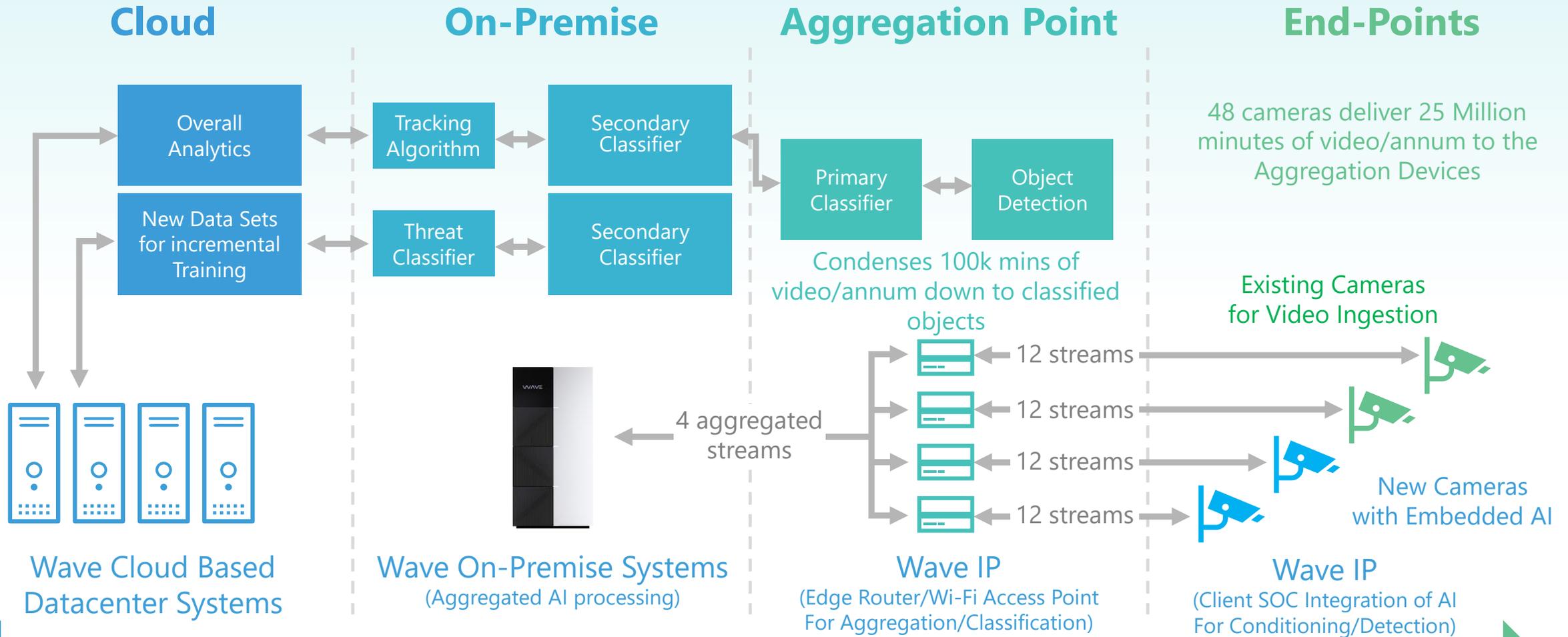
Storage



Compute



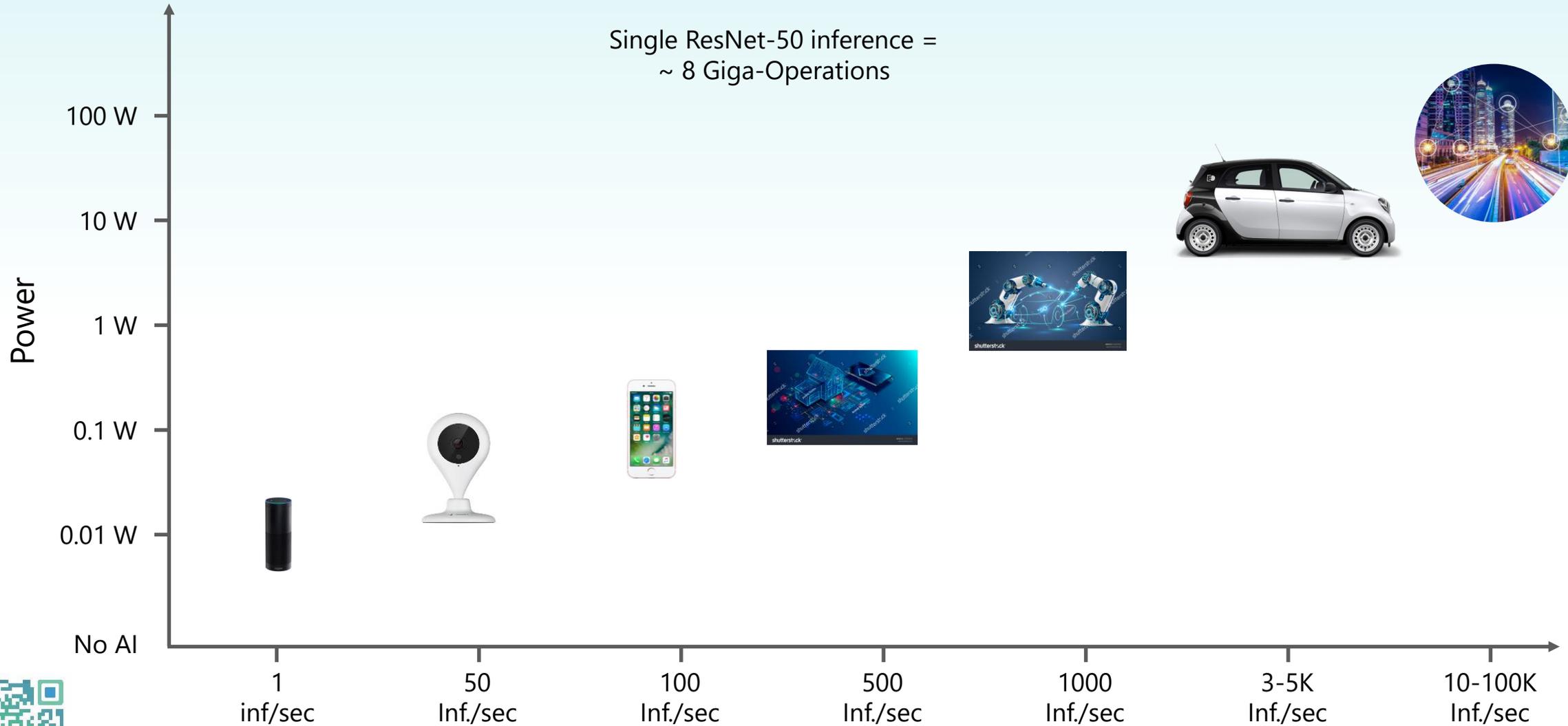
Unified Platform allows Customers to Scale Video Analytics



Flexibility → Scale out from the datacenter to the edge → Efficiency

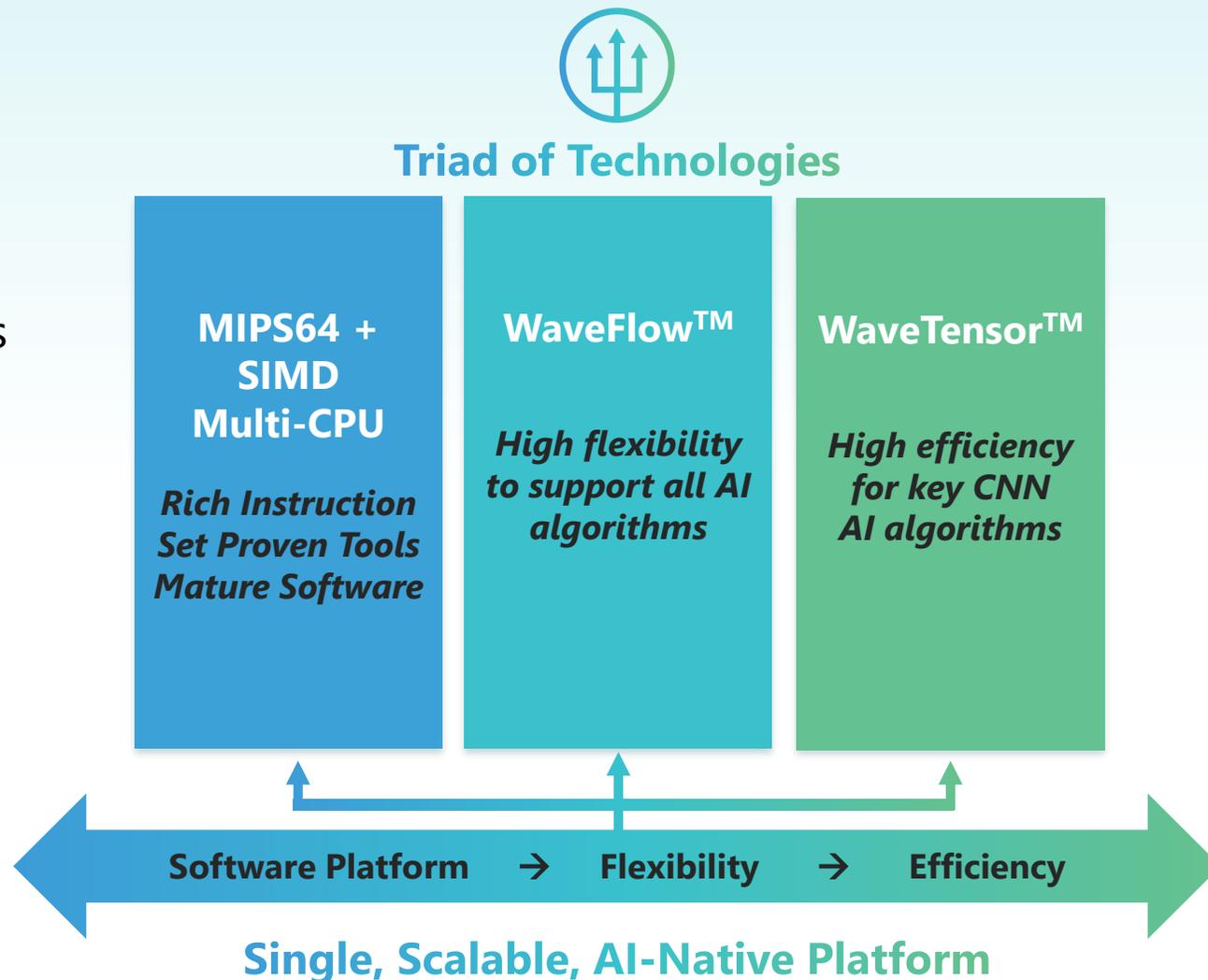


Today's Market Needs a Scalable AI Platform



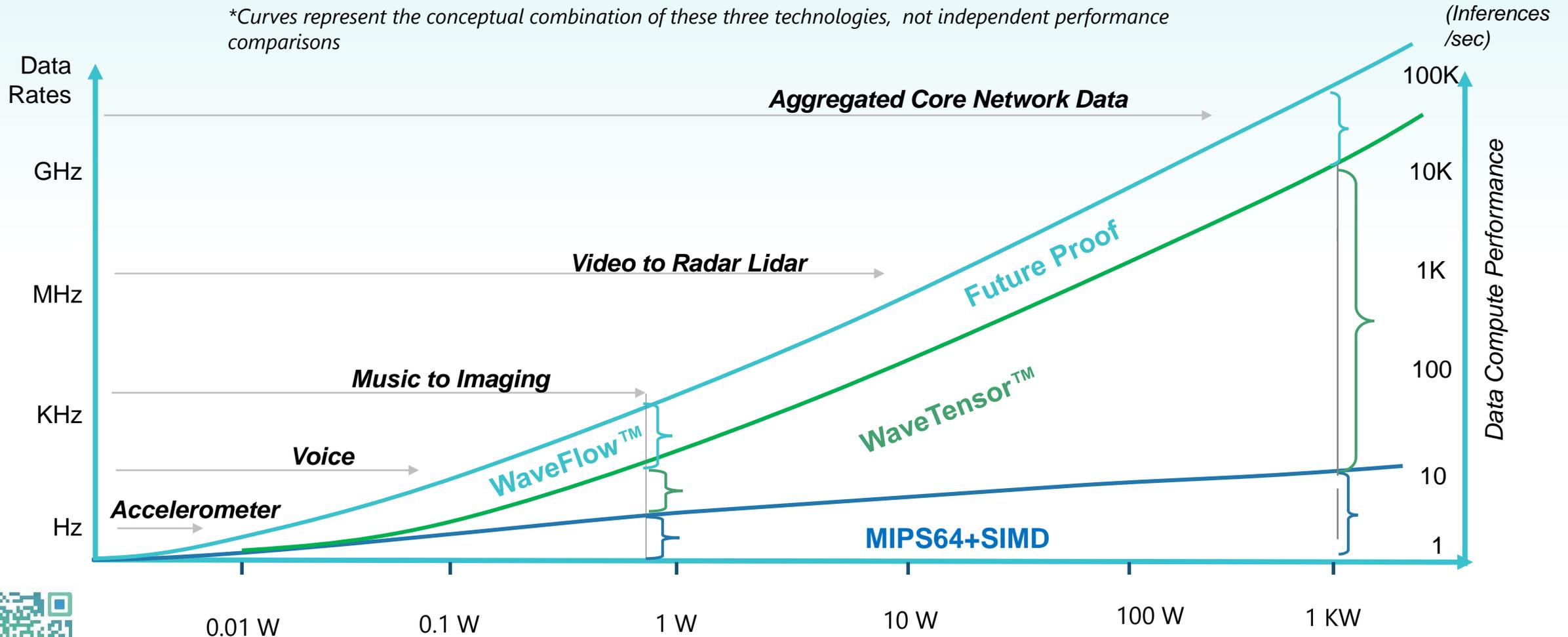
Key Benefits:

- Highly Scalable to address broad AI use cases
- Supports **Inference** and **Training**
- High flexibility to support all AI algorithms
- High efficiency for key AI CNN algorithms
- Configurable to support AI use cases
- Mature Software Platform support



Data Rates & Network Complexity Drive Data Compute Performance Demands

**Curves represent the conceptual combination of these three technologies, not independent performance comparisons*



*these curves represent the conceptual combination of these technologies, not actual independent performance.***



Thank You

关注Wave Computing公司微信，获取全部PPT内容。
谢谢！

