QuickLogic Corporation Acquisition of SensiML Corporation

January 4th, 2019

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This presentation contains forward-looking statements regarding our future business expectations, which are subject to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. These forward-looking statements are only predictions and may differ materially from actual results due to a variety of factors including, but not limited to: stated expectations relating to revenue from new and mature products; statements pertaining to QuickLogic's design activity and its ability to convert new design opportunities into production shipments; timing and market acceptance of its customers' products; statements regarding its future stock performance; schedule changes and projected production start dates that could impact the timing of shipments; statements regarding the expected benefits or costs from any acquisition; and expected results and financial expectations for revenue, gross margin, operating expenses, profitability and cash.

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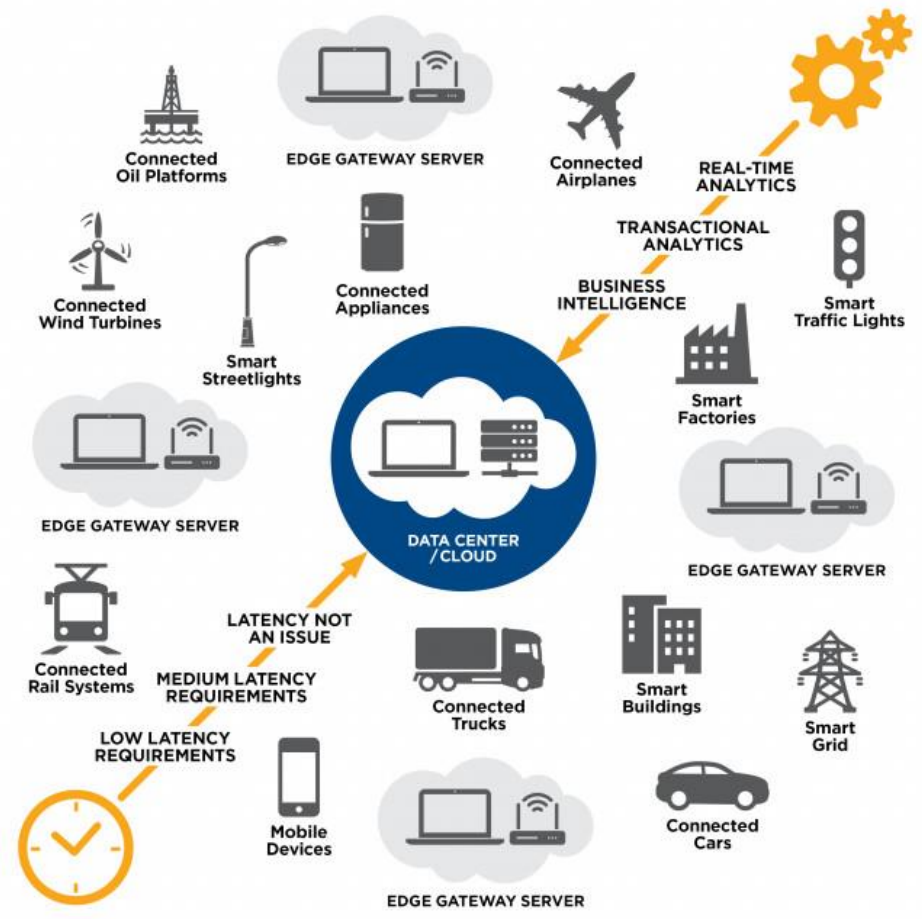
Transaction Highlights

Transaction	▪ Acquisition of SensiML, Software-as-a-Service (SaaS) AI Company ▪ US-based provider of end-to-end software suite for developing pattern matching sensor algorithms using machine learning technology
Consideration	▪ All stock transaction; not required to disclose the details
Benefits	▪ Target positive EBITDA of SensiML business unit for FY 2019 ▪ Significantly increase Served Available Market through addition of SaaS revenue business ▪ Cross-leverage between SensiML software suite, QuickAI platforms and QuickLogic eFPGA IP

AI Processing with FPGA / eFPGA

Data Center / Cloud	▪ Accelerated Computing has driven significant growth for high performance, large, and expensive FPGAs that are optimized for speed ▪ Cloud-based AI is continuing to drive this growth ▪ Primary driver is the need to adapt and deploy changing algorithms & models without changing the hardware
Edge / Endpoint	▪ Localized AI drives similar use cases for FPGA-based accelerators, but with far more restrictive cost and power budgets. ▪ SensiML Analytics Toolkit is optimized to take advantage of on-chip accelerators, including eFPGA

Multi-billion $ opportunity exists for companies that can deliver a practical end-to-end solution for localized AI.



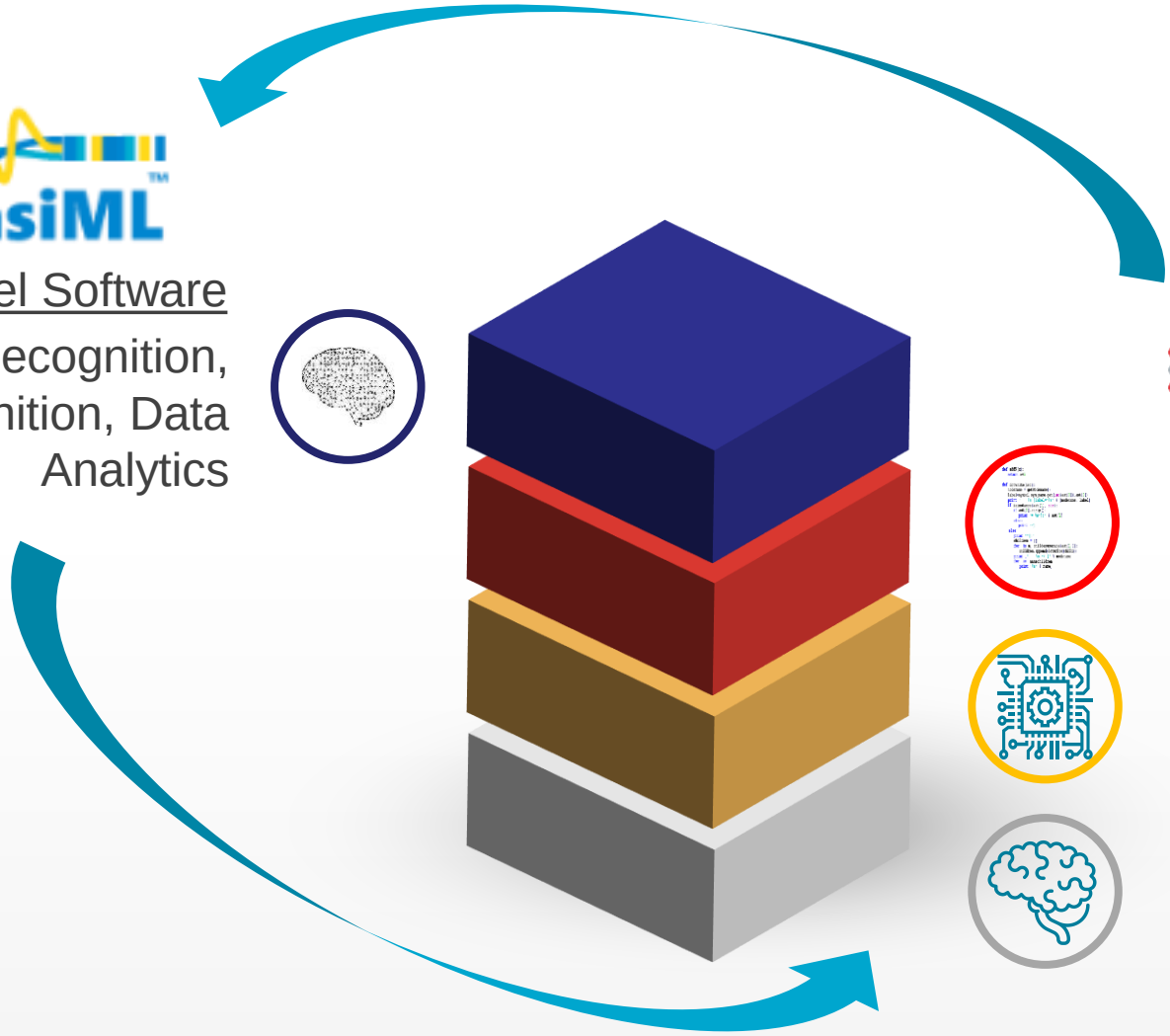
"The shift to the edge for AI processing will be driven by cheaper edge hardware, mission-critical applications, a lack of reliable and cost-effective connectivity options, and a desire to avoid expensive cloud implementation."
--ABI Research, 2018

Cross-Leverage of the Full-Stack Solution

SensiML™

High-Level Software

Speech Recognition, Image Recognition, Data Analytics



QuickLogic®

System Software

Embedded SW, HAL

SoC

Processor cores and peripherals

Programmable H/W IP

Neural Networks, eFPGA

QuickLogic®

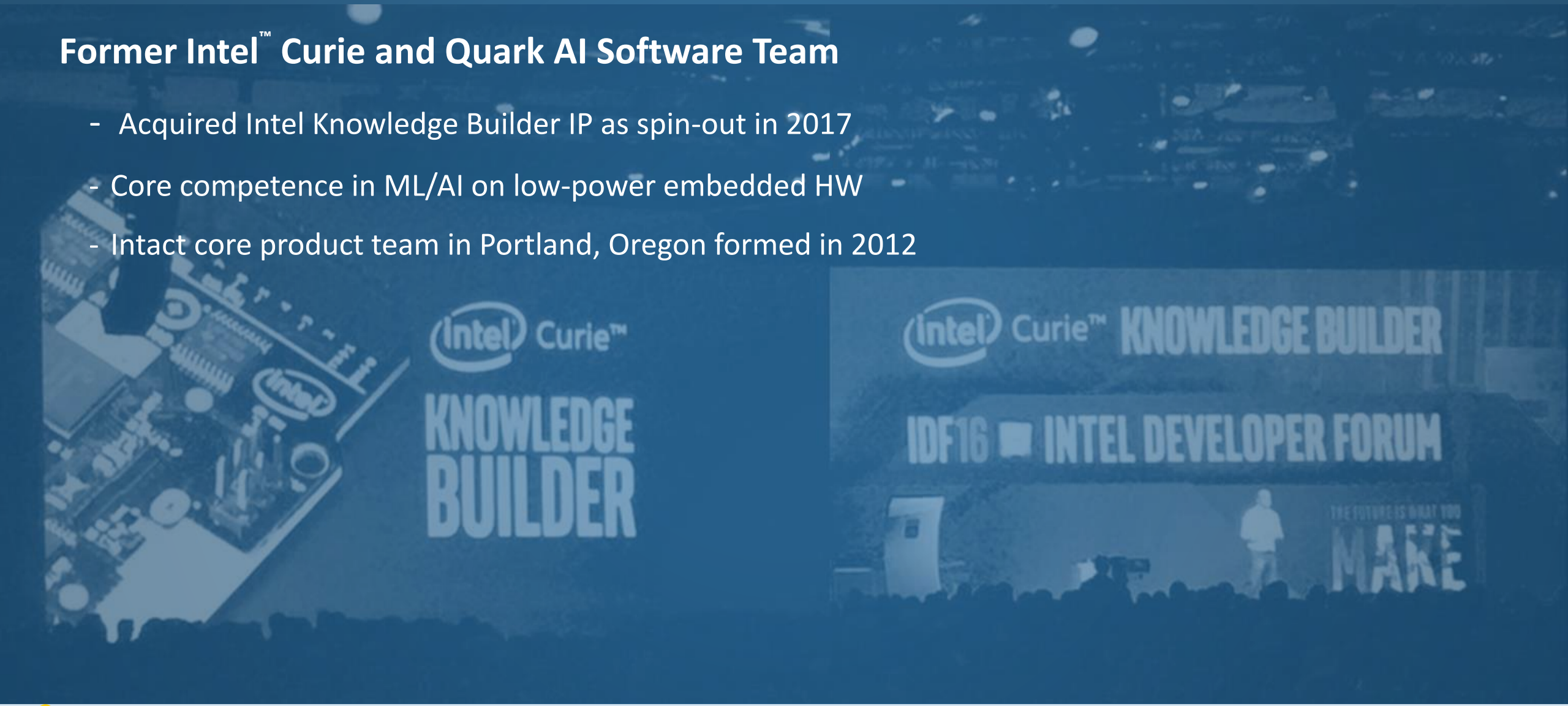
QUICKLOGIC Q1’19 WEBCAST BRIEFING

JANUARY 4, 2019

The SensiML Team

Former Intel™ Curie and Quark AI Software Team

- Acquired Intel Knowledge Builder IP as spin-out in 2017
- Core competence in ML/AI on low-power embedded HW
- Intact core product team in Portland, Oregon formed in 2012



SensiML™

A Case For AI at the IoT Endpoint

Cloud Analytics: Impractical for real-time insight

Edge Analytics: Cloud AI moved physically closer, incremental advance

Endpoint AI: Insight at sensing IoT device itself

- Markedly improved performance, power, network loading, and security
- Opportunity to build far more intelligence into billions of IoT devices
- Enabler: Advances in ultra low-power multi-core embedded SoCs
- Challenge: Lack of AI SW tools for **practical** application in endpoints

A Case For AI at the IoT Endpoint

Why AI At The Edge Is The Next Goldmine
…"more money will be made by putting AI at the edge rather than in the cloud."

- Forbes, April 2018

Endpoint AI: Insight at sensing IoT device itself

"Global AI in embedded IoT devices market will approach $26.2B USD by 2023"

- Mind Commerce, Sept 2018

SensiML™

Endpoint AI Is Not Yet Practical For Most Applications

Data Science

28k Data Scientists

182k w/ Data Science Skills

versus

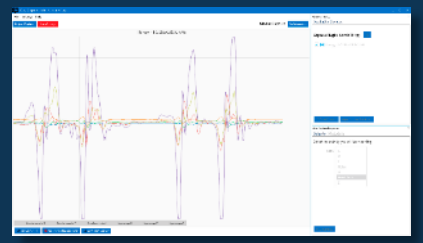
Software Development

1,625k Developers

Source: US Bureau of Labor Statistics (www.bls.gov)

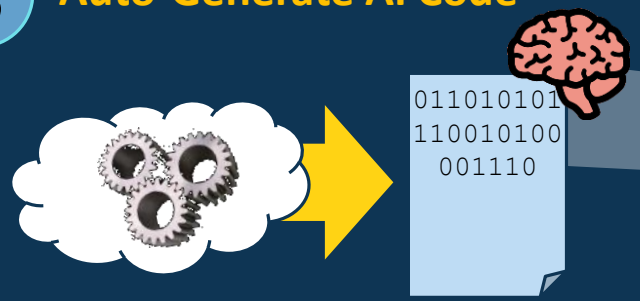
SensiML Makes Building Intelligent Endpoints Practical

1 Collect / Import Sensor Data

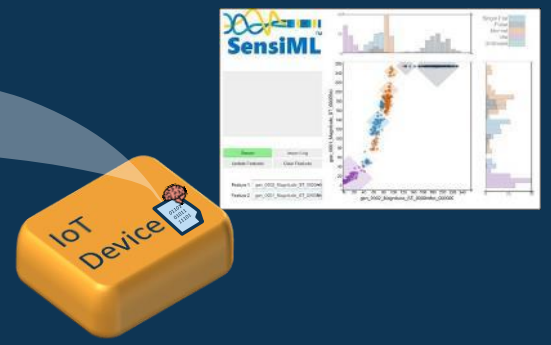


2 Choose Preferred Processor

3 Auto-Generate AI Code



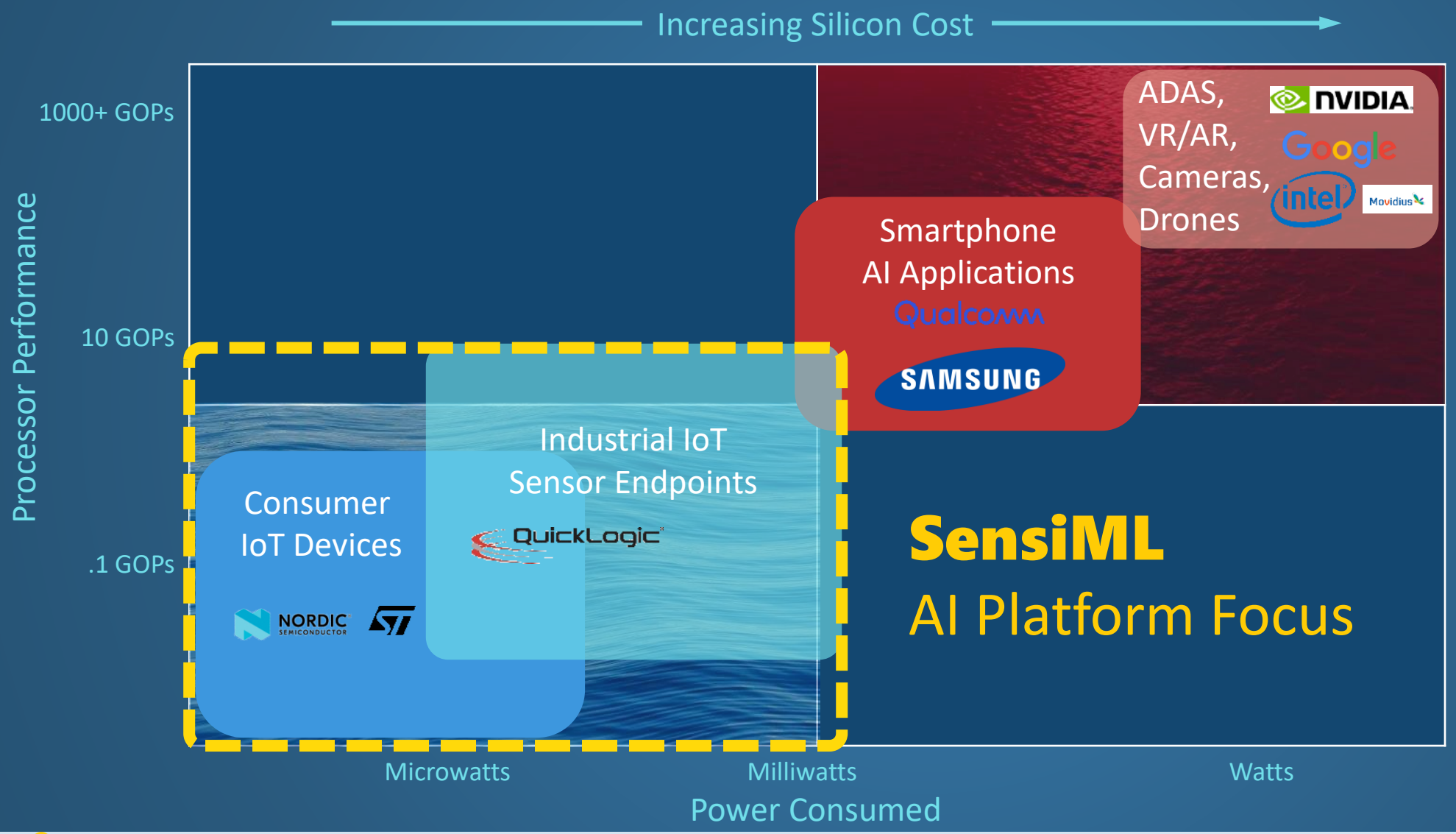
4 Flash to Device and Test

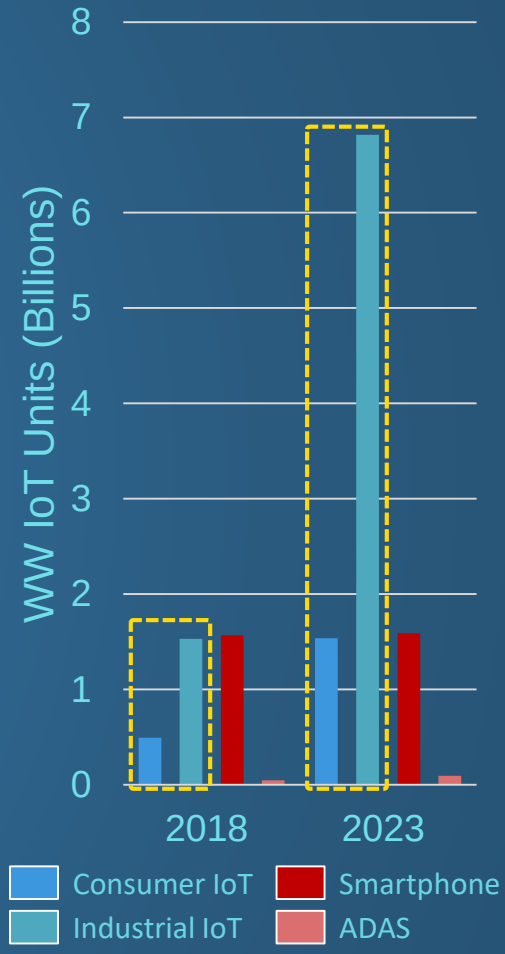


Democratizing the application of AI to Millions of Software Developers and Billions of Endpoint IoT Devices

SensiML™

Edge and Endpoint AI: Platform Segments

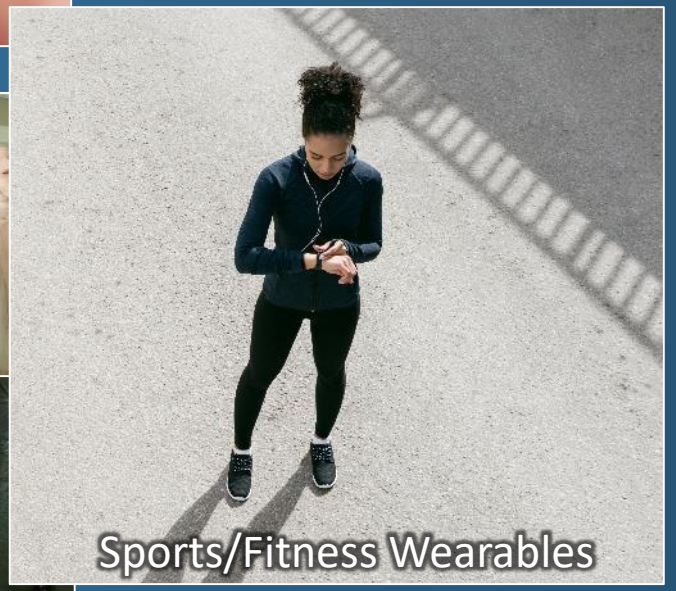


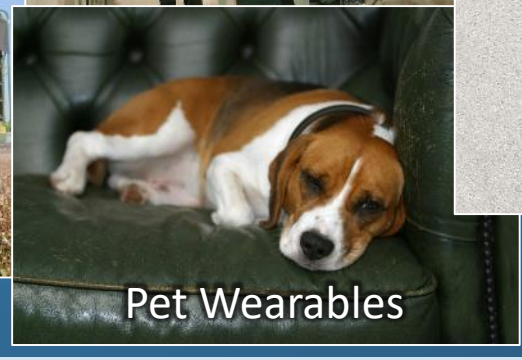


Source: IHS 2017

SensiML™

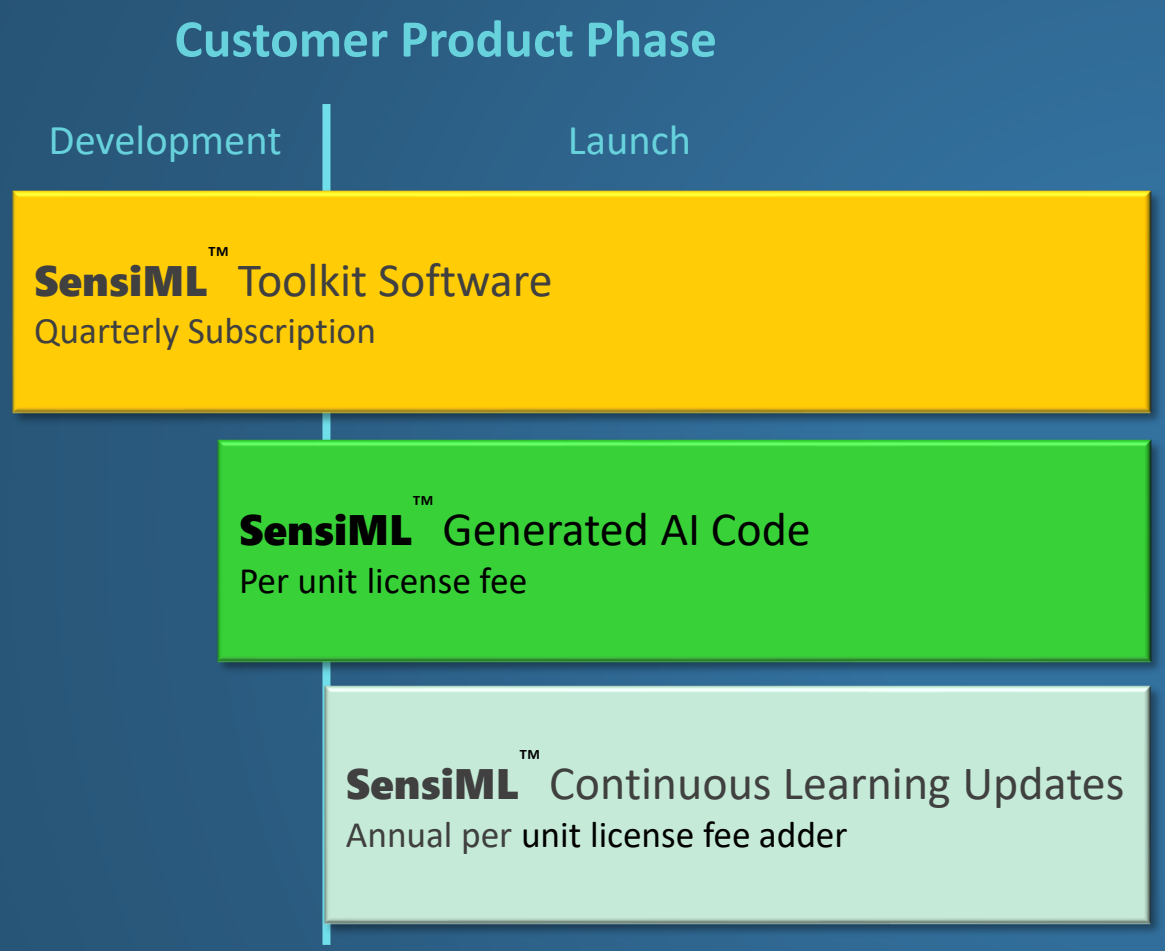
Intelligent Sensor Endpoint Applications





SensiML™

SensiML Business Model and Pricing



Typical Recurring Revenues

Mid to high $10Ks/year for SW tool suite access

Mid to high $10Ks /year for resulting AI model code license

Mid to high $10Ks /year for resulting AI model update license

Low to mid $100Ks Per Endpoint Product Win x 1000s of Potential Products

QuickLogic and SensiML

Highly Aligned Visions, Complementary HW / SW

Complete Solution
Intelligent IoT Endpoints

SensiML™

Hardware Optimizing Endpoint AI
Software Toolkit

3rd Party Algorithm Extensions

Heterogeneous Core Accelerator Libs (FFE, FPGA, NM)

3rd Party Accel Libs (ex. ARM CMSIS DSP)

QuickLogic

QuickAI™
EOS™ S3

3rd Party Embedded SoCs

ArcticPro

eFPGA

3rd Party Embedded Platforms

FFE – QuickLogic Flexible Fusion Engine
NM – General Vision Neuromorphic Memory

CMSIS DSP – Arm DSP functions optimized for Cortex-M processor cores

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Result	▪ A Practical End-to-End Solution for Emerging Edge/Endpoint AI Market

Thank You