RISK FACTORS

Statements in this presentation that refer to future plans and expectations are forward-looking statements that involve a number of risks and uncertainties. Words such as "anticipates," "expects," "intends," "goals," "plans," "believes," "seeks," "estimates," "continues," "may," "will," "would," "should," "could," and variations of such words and similar expressions are intended to identify such forward looking statements. Statements that refer to or are based on estimates, forecasts, projections, uncertain events or assumptions, including statements relating to total addressable market (TAM) or market opportunity, future products and the expected availability and benefits of such products, and anticipated trends in our businesses or the markets relevant to them, also identify forward-looking statements. Such statements involve many risks and uncertainties that could cause actual results to differ materially from those expressed or implied in these forward-looking statements. Important factors that could cause actual results to differ materially from the company's expectations are set in Intel's earnings release dated July 25, 2019, which is included as an exhibit to Intel's Form 8-K furnished to the SEC on such date. Additional information regarding these and other factors that could affect Intel's results is included in Intel's SEC filings, including the company's most recent reports on Forms 10-K and 10-Q. Copies of Intel's Form 10-K, 10-Q and 8-K reports may be obtained by visiting our Investor Relations website at www.intc.com or the SEC's website at www.sec.gov. Intel does not undertake, and expressly disclaims any duty, to update any statement made in this presentation, whether as a result of new information, new developments or otherwise, except to the extent that disclosure may be required by law.

INTEL INTERNET OF THINGS GROUP

Tom Lantzsch
SVP and GM
Internet of Things Group
Intel Corporation

intel

IOT FUELS INTEL'S DATA-CENTRIC TRANSFORMATION

INTEL TAM
>$300B

IOT TAM
~$30B
2022

AUTONOMOUS THINGS – EDGE – NETWORK – CLOUD

Source: TAM –. 2022F Si TAM is based on amalgamation of analyst data and Intel analysis

INTEL'S INTERNET OF THINGS GROUP

HIGH PERFORMANCE COMPUTE SOLUTIONS FOR TARGETED VERTICALS ALONG WITH HISTORIC EMBEDDED APPLICATIONS

Atom™ Core™ Xeon®

Note: Based on reported revenues for 2013-2019, the ASP and Product Mix based on 2018 CPU revenue

OUR FUTURE IS EDGE COMPUTING

DEVICES / THINGS

EDGE COMPUTE NODE

NETWORK HUB OR REGIONAL DATA CENTER

CORE NETWORK

CLOUD DATA CENTER

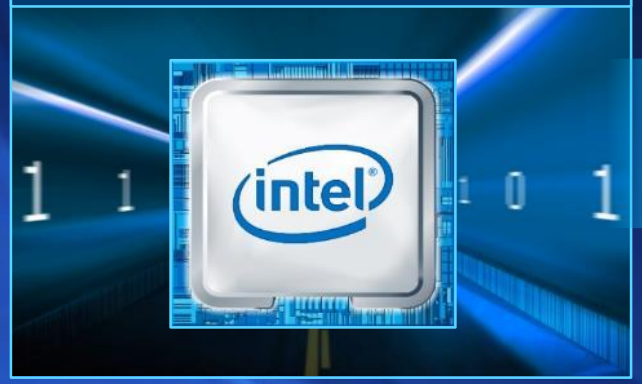
intel

OUR STRATEGY

AGGREGATION AT THE EDGE

APPLICATIONS & DATA

HIGH PERFORMANCE COMPUTE



VISION (VIDEO) INFERENCE

COMMON AND SEAMLESS DEVELOPER EXPERIENCE + SOFTWARE

SCALING THE ECOSYSTEM TO DELIVER MARKET-READY SOLUTIONS

intel

VERTICAL BUSINESS MODEL

SOLVE KEY VERTICAL MARKET CHALLENGES

PARTNER WITH MARKET LEADERS IN VERTICAL SEGMENTS

DIFFERENTIATE WITH SILICON, SYSTEM DESIGN AND DEVELOPER EXPERIENCE

RETAIL

INDUSTRIAL

SMART CITIES/VIDEO

TRANSPORTATION

PUBLIC SECTOR

EDUCATION

HEALTHCARE

FINANCIAL SERVICES

AUTOMOTIVE

intel

SCALE OUR STRATEGY WITH DEVELOPER COMMUNITIES

COMPUTER VISION OpenVINO™

NETWORK OpenNESS
OPEN NETWORK EDGE SERVICES SOFTWARE

FUNCTIONAL SAFETY

REAL-TIME CONTROL

MANAGEABILITY

SECURITY

intel ATOM inside

intel CORE inside

intel XEON inside

intel MOVIDIUS inside

intel ARRIA 10 inside

intel Neural Compute Stick 2

intel

ACCELERATE VISUAL INFERENCE AT THE EDGE

OpenVINO™

DEVELOP ONCE, DEPLOY ON INTEL CPU, GPU, VPU & FPGA

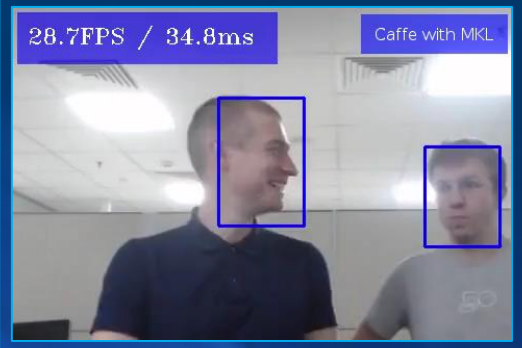
IMPROVE PERFORMANCE EXPONENTIALLY

intel

PERFORMANCE BOOST WITH OPENVINO™

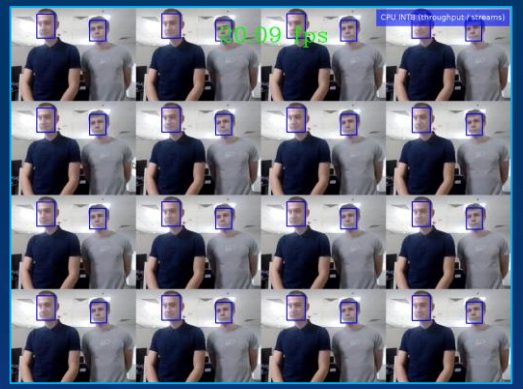
SAME HARDWARE, BETTER SOFTWARE

CORE i7+CAFFE*+MKL



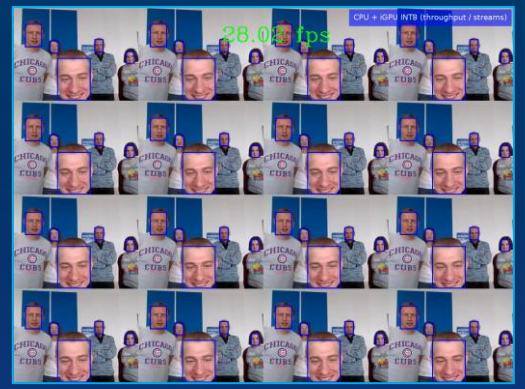
1 STREAM AT 28FPS

CORE i7+OPENVINO™



16 STREAMS AT 20FPS

CORE i7+iGPU+OPENVINO™



16 STREAMS AT 28FPS

SCALE WITH ACCELERATOR

CORE i7+iGPU+HDDL R8+OPENVINO™

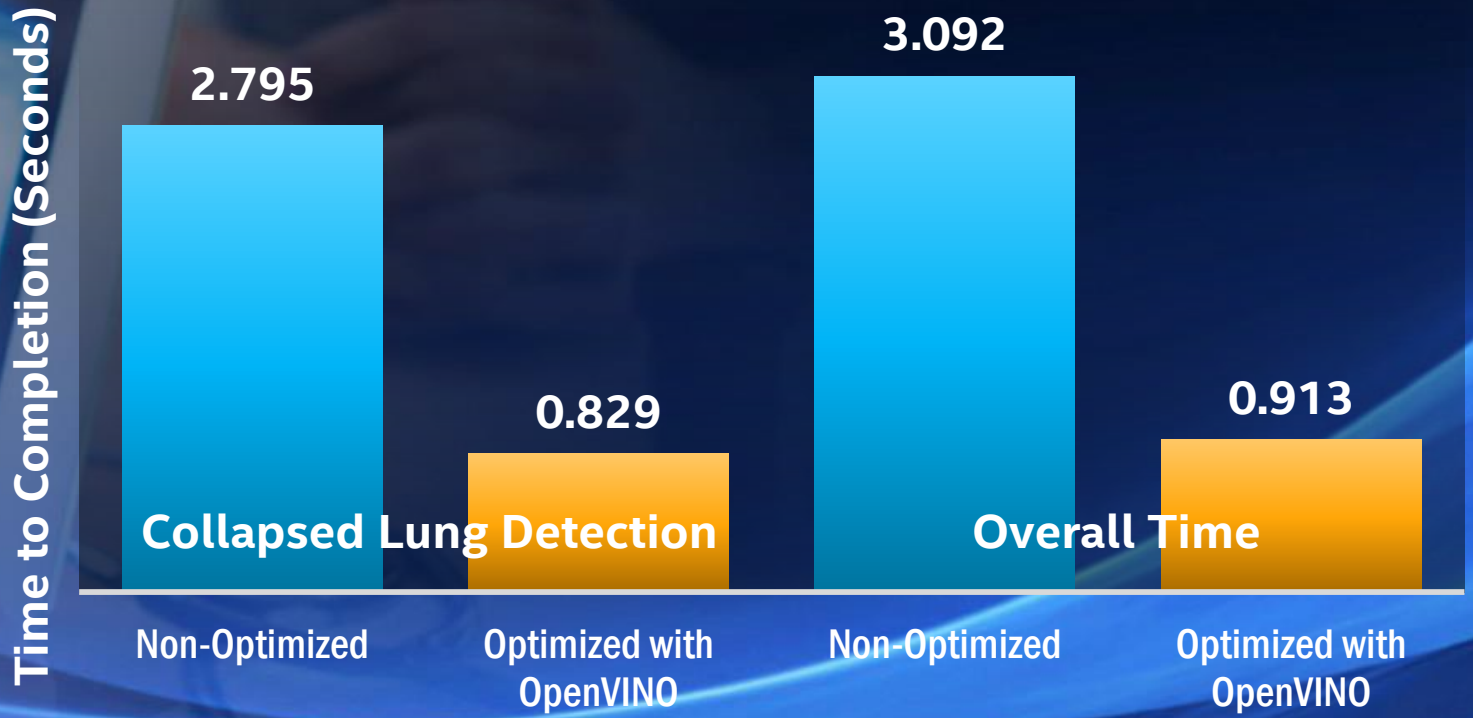
49 STREAMS AT 25FPS

FPS = Frames per Seconds
STREAMS = Cameras

For more complete information about performance and benchmark results, visit **www.intel.com/benchmarks.** Performance results are based on testing as of August 07th,2019 and may not reflect all publicly available security updates. See configuration disclosure for detail end of the presentation. No product can be absolutely secure.

OPENVINO™ AT WORK

RESULTS OF COLLAPSED-LUNG INFERENCE MODEL



OpenVINO™

3.3X FASTER FOR < 1 SECOND RESULT

For more complete information about performance and benchmark results, visit https://newsroom.intel.com/news/new-intel-based-artificial-intelligence-imaging-solution-accelerate-critical-patient-diagnoses/#gs.upprt4.
Performance results are based on testing as of September, 2018 and may not reflect all publicly available security updates. See configuration disclosure for detail end of the presentation. No product can be absolutely secure.

WINNING TOGETHER WITH OUR ECOSYSTEM

HW & SW ENABLING → PLATFORM INTEGRATION → SOLUTION DELIVERY & SCALE

EQUIPMENT MAKERS

ADLINK TECHNOLOGY INC. · ADVANTECH · DELL · kontron · AAEON an ASUS assoc. co. · congatec · Hewlett Packard Enterprise · iEi · JWIPC · NEXCOM · Giada

CLOUD PLATFORMS

aws · Alibaba Group · Microsoft Azure

70+
INTEL® RFP READY KITS
150+ DEPLOYMENTS

150+
INTEL® MARKET READY SOLUTIONS
2900+ DEPLOYMENTS

TECHNOLOGY PROVIDERS

AllGoVision see. sense. secure · axxonsoft · GeoVision · Inovance · iOmniScient Intelligent Surveillance · memomi

SYSTEM INTEGRATORS

accenture · Capgemini · indra · ncs · wachter

VERTICAL OEM'S

ABB · cisco · GE · HITACHI Inspire the Next · Honeywell · LG-MRI · QNAP · SIEMENS

IOT SOLUTION AGGREGRATORS

arrow · 神州数码 Digital China · SYNNEX · Tech Data · wpg

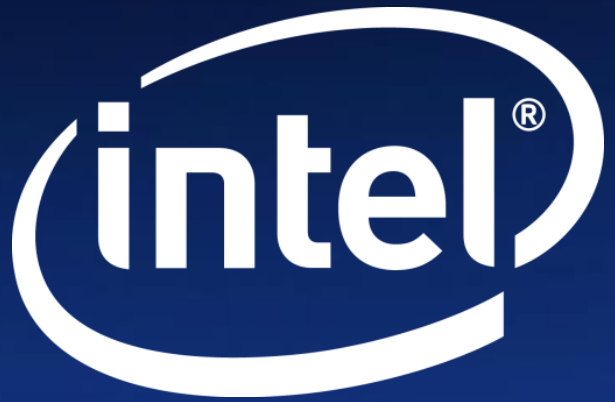
1000+ intel IoT Solutions Alliance

As of August 2019

intel

2022
IOT TAM
~$30B

Source: TAM –. 2022F Si TAM is based on amalgamation of analyst data and Intel analysis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No computer system can be absolutely secure.

Tests document performance of components on a particular test, in specific systems. Differences in hardware, software, or configuration will affect actual performance. For more complete information about performance and benchmark results, visit http://www.intel.com/benchmarks .

Software and workloads used in performance tests may have been optimized for performance only on Intel microprocessors. Performance tests, such as SYSmark and MobileMark, are measured using specific computer systems, components, software, operations and functions. Any change to any of those factors may cause the results to vary. You should consult other information and performance tests to assist you in fully evaluating your contemplated purchases, including the performance of that product when combined with other products. For more complete information visit http://www.intel.com/benchmarks .

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Intel does not control or audit third-party benchmark data or the web sites referenced in this document. You should visit the referenced web site and confirm whether referenced data are accurate.

SYSTEM CONFIGURATION FOR SLIDE 9

Testing by Intel as of August, 7th, 2019

Core™i7: (for all scenarios)

Platform: Intel(R) Core(TM) i7-8700T CPU @ 2.40GHz / 6 cores x 2 Threads, HT ON, Turbo ON, Total Memory 64GB DDR4-2400MHz. Model Name: Z370M-DS3H-CF. BIOS Version: F11. Ubuntu 16.04.6 LTS with kernel 4.15.0-55-generic.

Caffe* with MKL

Public distribution of Caffe with Intel® MKL optimizations enabled, for more information visit http://caffe.berkeleyvision.org
MKL - Math Library for Intel®-Based Systems for more information: https://software.intel.com/en-us/mkl

OpenVINO (Scenarios *Core™i7* + OpenVINO™)

Intel® Open Visual Inference & Neural Network Optimization software toolkit. For more information: https://software.intel.com/en-us/openvino-toolkit
OpenVINO™ Toolkit R2'2019 for Linux. Topology: face-detection-retail-0004/INT8. Scenarios (Core™i7+OpenVINO™, Core™i7+iGPU+OpenVINO™) Precision: mixed FP32+INT8. Scenario (Core™i7+iGPU+HDDL R8+OpenVINO™) Precision: FP16.

HDDL R8 (Scenarios *Core™i7* + HDDL R8 + OpenVINO™)

Intel® Vision Accelerator Design with Intel® Movidius™ VPU PCIe card (HDDL-R8).

SYSTEM CONFIGURATION FOR SLIDE 10

Testing by GE Healthcare as of September, 2018

System Test Configuration Details:
Intel® Core™ i5-4590S CPU @ 3.00GHZ, x86_64, VT-x enabled, 16GB memory, OS: Linux magic x86_64 GNU/Linux, Ubuntu 16.04 inferencing service docker container. Test compares TensorFlow model total inferencing time of 3.092 seconds to the same model optimized by Intel® Distribution of OpenVINO™ Toolkit optimized TF model resulting in a total inferencing time of 0.913 seconds for 338% performance speedup.

OpenVINO™
Intel® Open Visual Inference & Neural Network Optimization software toolkit. For more information: https://software.intel.com/en-us/openvino-toolkit

System test configuration: Testing done by GE Healthcare, September 2018.
Intel technologies' features and benefits depend on system configuration and may require enabled hardware, software or service activation. Performance varies depending on system configuration. No computer system can be absolutely secure. Check with your system manufacturer or retailer or learn more at Intel.com. Software and workloads used in performance tests may have been optimized for performance only on Intel microprocessors. Performance tests, such as SYSmark and MobileMark, are measured using specific computer systems, components, software, operations and functions. Any change to any of those factors may cause the results to vary. You should consult other information and performance tests to assist you in fully evaluating your contemplated purchases, including the performance of that product when combined with other products. For more complete information, visit: http://www.intel.com/performance

For published case study, visit: https://www.intel.ai/solutions/gehc/#gs.uqkdbp