

INTEL® INTOVATION DAV

FOR YOUR BUSINESS. BY DEVELOPERS.



ARE YOU READY TO REINVENT YOUR SOFTWARE SOLUTION?

Best performance in AI, Gaming, Big data and analytics, Fast code, HPC&Cloud, Security, Networking, Virtual Reality, IoT, embedded, Open source



THROUGH INDUSTRIES TO END USER EXPERIENCE!

Software - hardware, interoperability, and amazing customer experiences



INTEL® SOFTWARE IS YOUR PARTNER!

Easy, open and scalable solution on Intel systems

ИНСТРУМЕНТЫ INTEL ДЛЯ PA3PAБОТЧИКОВ ПО НА ПЛАТФОРМАХ INTEL

Иван Кузьмин, Директор по разработке ПО компании Intel в России

INTEL® INNOVATION DAY

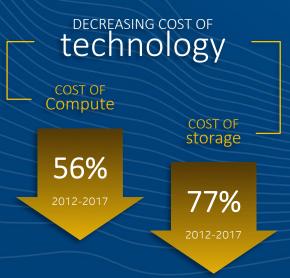
THE INDUSTRY IS TRANSFORMING

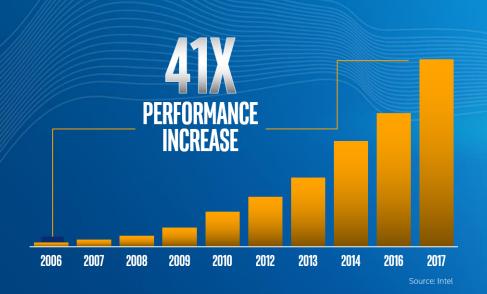


DATA DEFINES THE FUTURE



DATA-CENTRIC TRANSFORMATION

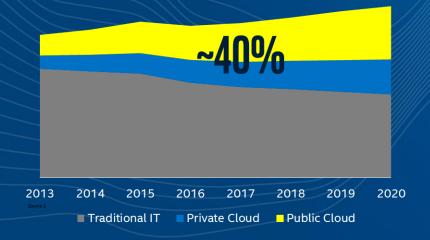


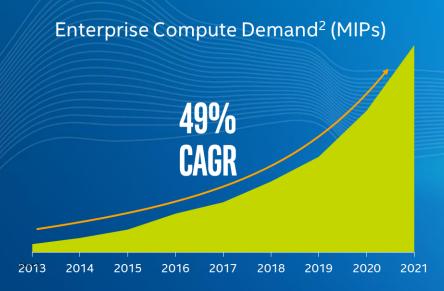


Source: Amalgamation of analyst data and Intel analysis

DEMAND FOR COMPUTE INFRASTRUCTURE IS SOARING

Q1'17 Cloud IT infrastructure sales significant increase from ~34% a year ago







² Source: Intel internal data – Compute Demand, MIPS



IOT: TRANSFORMING THE WAY WE LIVE AND WORK



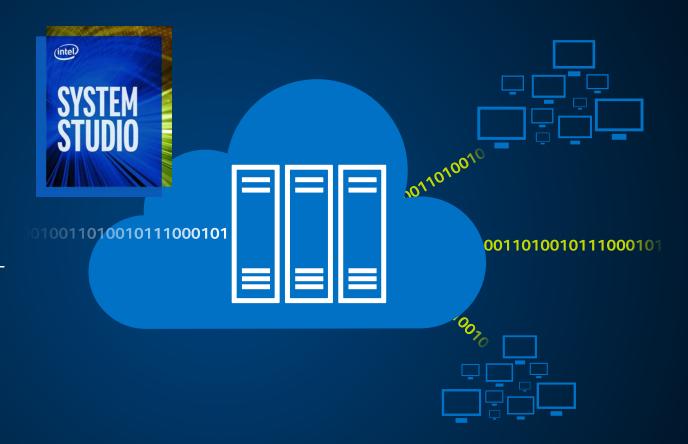
NETWORK DEVELOPMENT



Speed application development

Simplify system bring-up

Boost system & IoT device application performance



GeoUision 24X FASTER PERFORMANCE CHALLENGE

Increase performance and expand capabilities of GeoVision's intellige network video management syster

REAL-TIME VIDEO ANALYTICS



ENTERPRISE & TECHNICAL COMPUTING



Create scalable and reliable code

Accelerate performance on modern hardware

Leverage AI data and insights



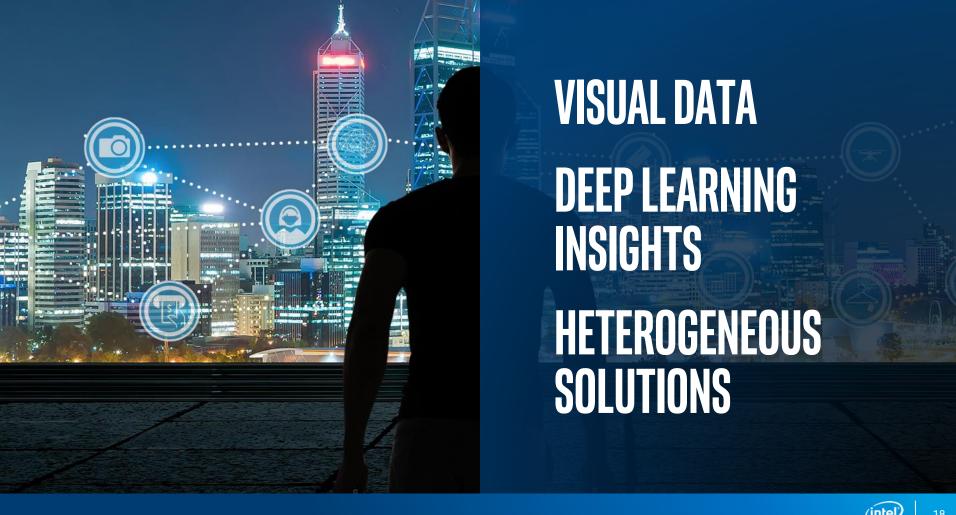
Altair 10X FASTER PERFORMANCE CHALLENGE

Deliver the first full vehicle frontal crash simulation with more than 1 million elements in <5 minutes.

BEAT 5-MIN GOAL



AI & ANALYTICS FROM EDGE TO CLOUD



INTEL'S AI SOFTWARE SOLUTIONS

EXPERIENCES



















PLATFORMS

Intel® Nervana™ **Cloud & Appliance** Intel® Nervana™ **DL Studio**

OpenVINO™ Toolkit

Intel® Movidius™ **SDK**





















theano

LIBRARIES



Intel® Data Analytics Acceleration Library (DAAL)

Intel® Nervana™ Graph*

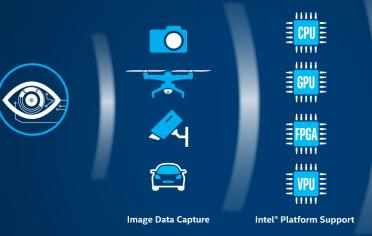
Intel® Math Kernel Library (MKL-DNN)

OPENVINOT TOOLKIT

Accelerate performance

Reduce time to market

Integrate deep learning







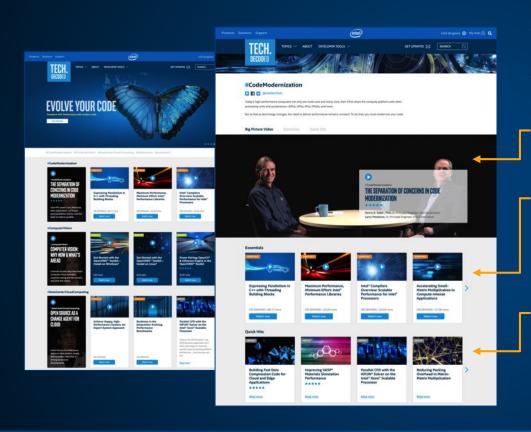
GPU = Intel® CPU with integrated graphics/Intel® Processor Graphics/GEN VPU = Intel® Movidius® Vision Processing Unit

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CONNECTED VISION

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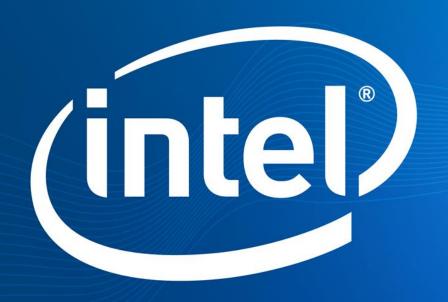
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- Systems & IoT
- Data Science
- Data Center & Cloud Computing



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