

Red Hat – Intel Open Tour

# Powered by Intel, Run on Red Hat

Deep Mahangi – Account Executive Enterprise & Government (CH/AT)  
Intel Corporation



intel®





o v e r

**25**

Years of  
Partnership



Collaborate



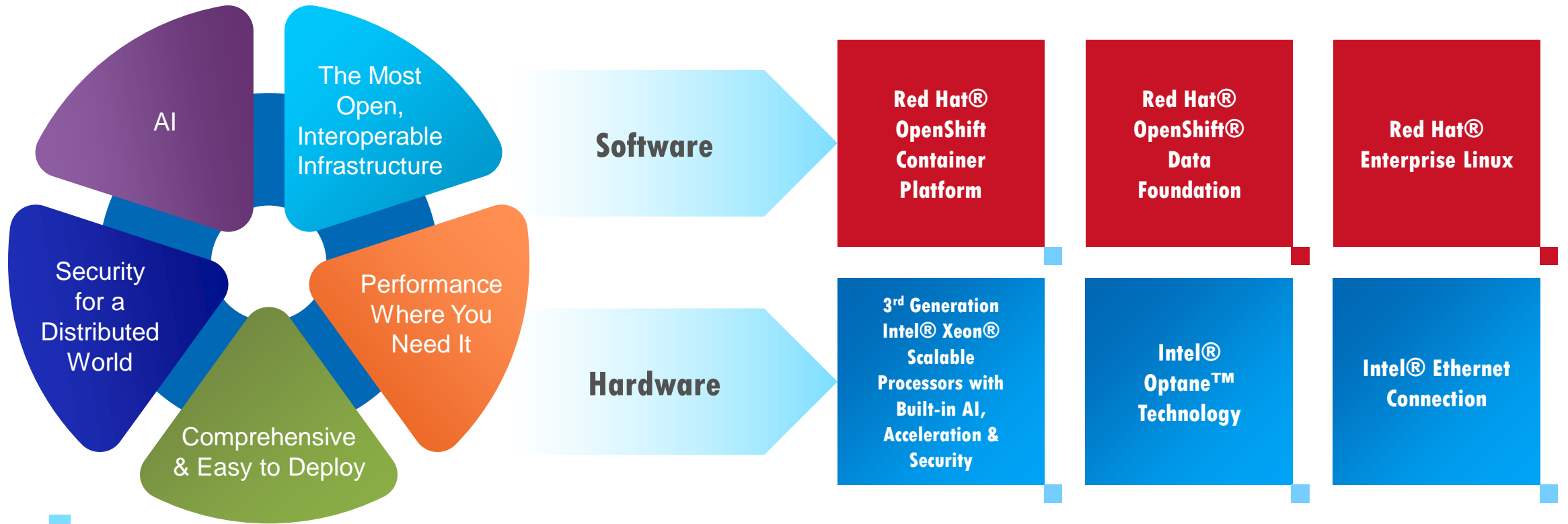
Build



Execute

# A New Digital Infrastructure Tailored for You

The Intel® solution for Red Hat OpenShift Container Platform scales for today & tomorrow



**Red Hat & Intel combine best-in-class technologies for a new era of digital everything**



# Our People

 Customer First	 Fearless Innovation	 Results Driven
Our Values		 One Intel
 Integrity	 Quality	 Inclusion

**121,000+** employees → **89%** technical

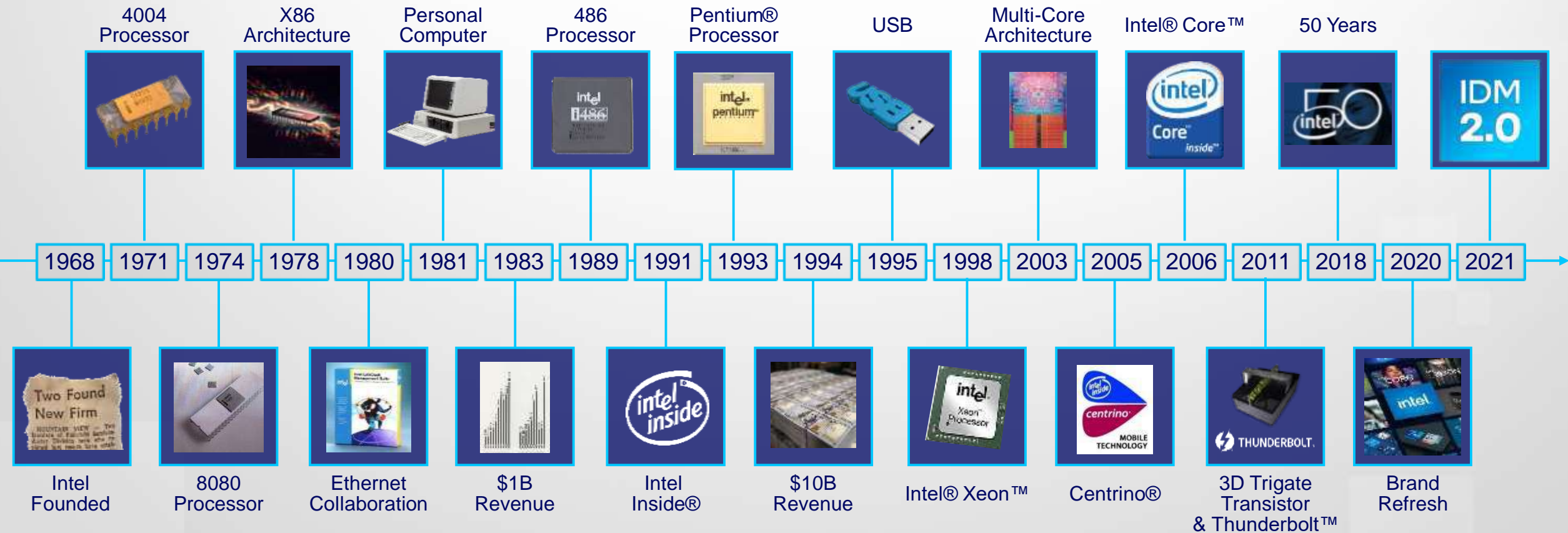
**20,000** Software Engineers

**~70,000** patent assets worldwide

"We push forward at a torrid pace with our purpose at the heart of everything we do — creating world-changing technology that improves the life of every person on the planet."

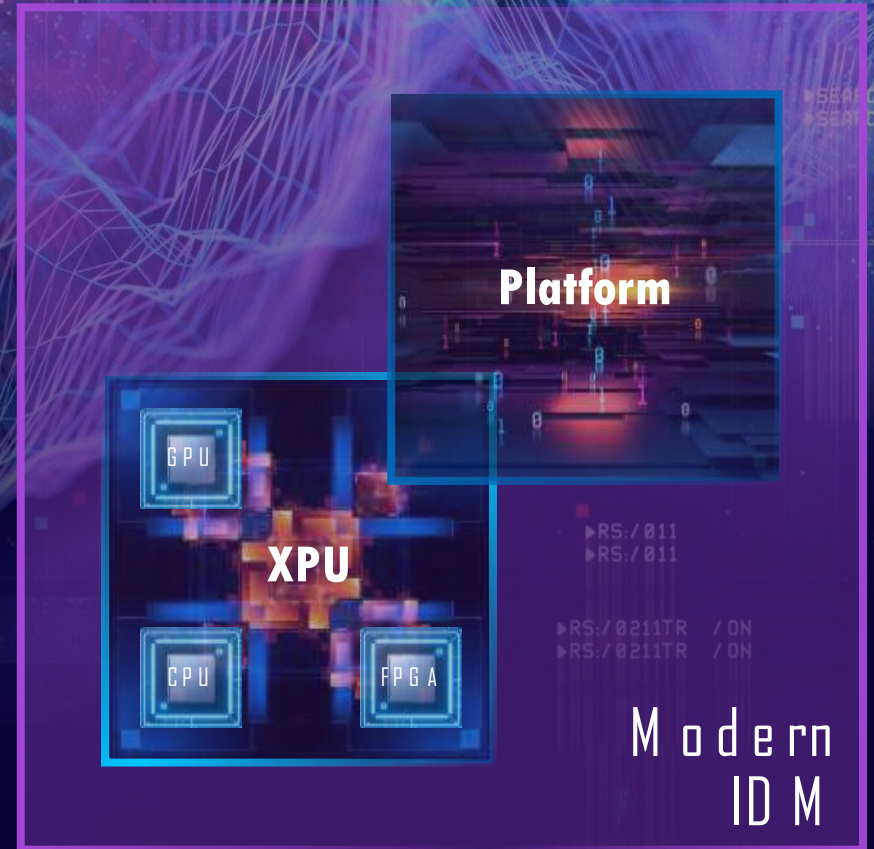
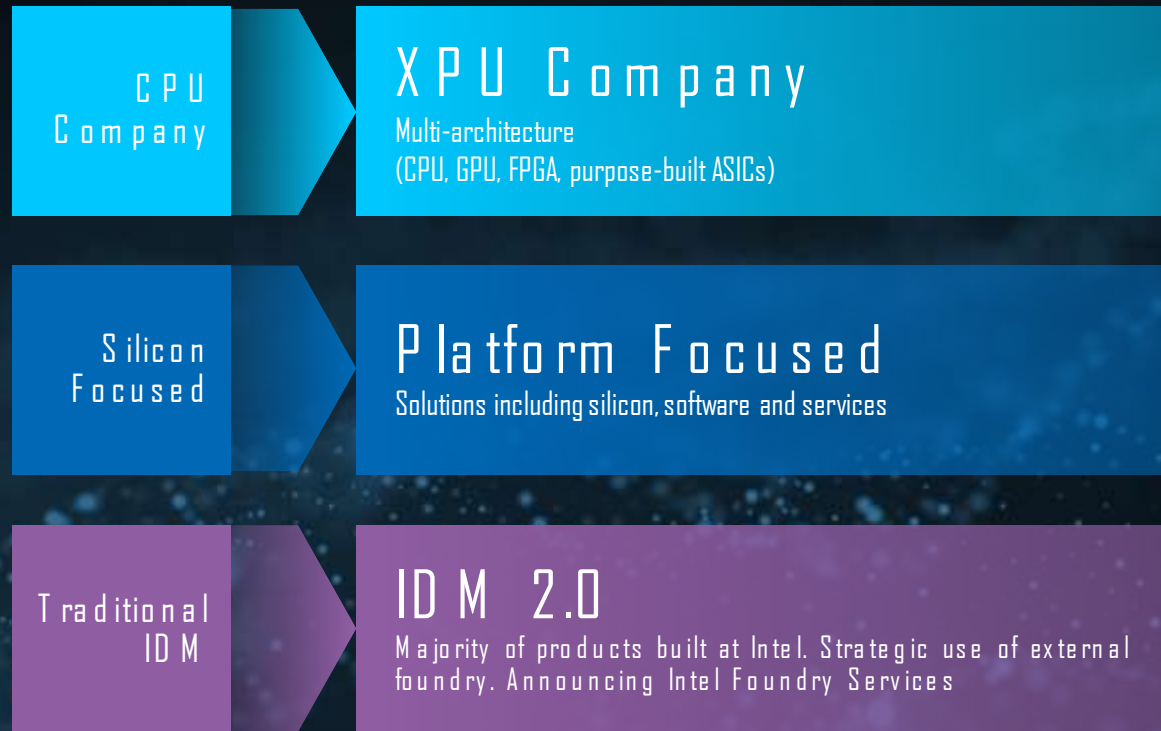
**Pat Gelsinger**  
Intel CEO

# Intel Journey





# Our Transformation journey



# Winning developers and delivering better products with our **commitment to open ecosystems**



Open.

Visit: [Open.Intel](https://open.intel.com)



Choice.



Trust.

- 1 Enable Developers
- 2 Foster Choice
- 3 Build Confidential Compute

**20**

**Years of Investment**  
Across hundreds  
of independent projects

**#1**

**Linux Kernel**  
Corporate Contributor  
since 2007<sup>1</sup>

**120+**

**Intel Employed**  
Maintainers

**700+**

**GitHub**  
Projects

**6**

**Architectures**  
Supported in oneAPI

**CHROME OS**

**Leading Contributor**

<sup>1</sup>SOURCE: [https://www.linuxfoundation.org/wp-content/uploads/2020\\_kernel\\_history\\_report\\_082720.pdf](https://www.linuxfoundation.org/wp-content/uploads/2020_kernel_history_report_082720.pdf)

# Expanding the power of open

## Open Compute



Client



Cloud



AI

Alternatives to proprietary solutions and creating engines of growth

## Open Platforms



Auto



Edge



Network

Ecosystem Software and Standards that create industries

## Open Manufacturing



x86



Factories



Chiplet

Opening our factories, IP, interface standards, and x86 to foundry customers





# oneAPI

## One Programming Model for Multiple Architectures and Vendors



### Freedom to Make Your Best Choice

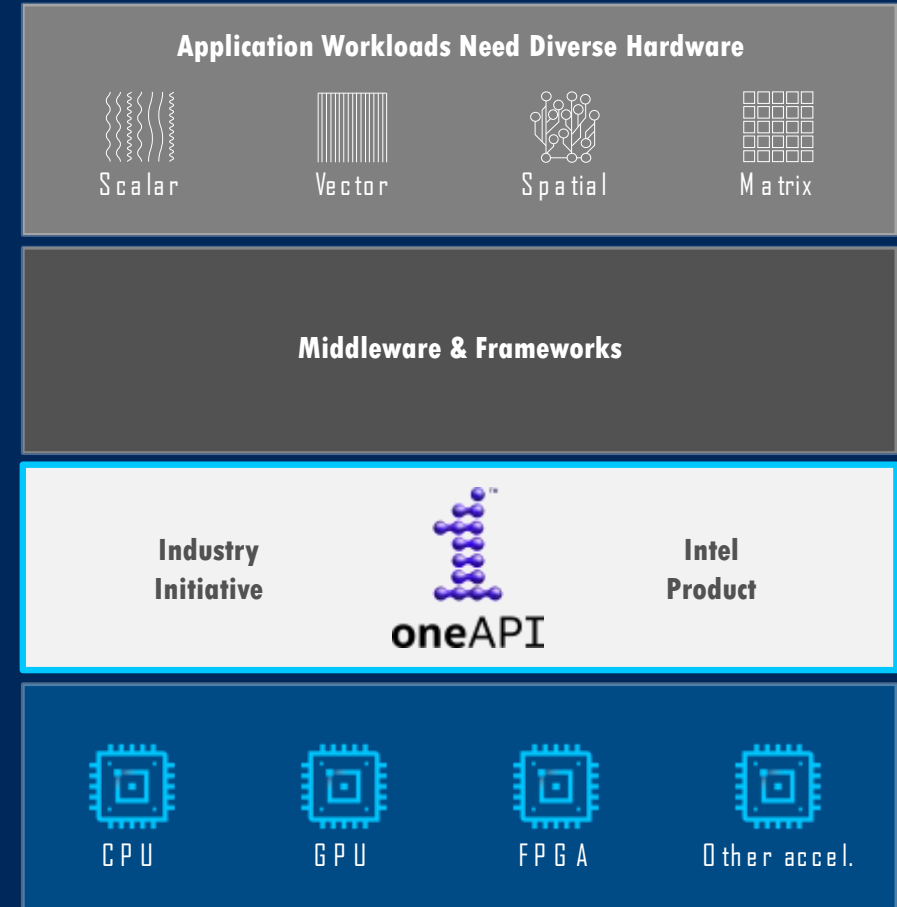
- Choose the best accelerated technology the software doesn't decide for you

### Realize all the Hardware Value

- Performance across CPU, GPUs, FPGAs, and other accelerators

### Develop & Deploy Software with Peace of Mind

- Open industry standards provide a safe, clear path to the future
- Compatible with existing languages and programming models including C, C++, Python, SYCL, OpenMP, Fortran, and MPI



# High-Performance Deep Learning Using Intel® Distribution of OpenVINO™ toolkit - Powered by oneAPI

A toolkit for fast, more accurate real-world results using high-performance AI and computer vision inference deployed into production on Intel XPU architectures (CPU, GPU, FPGA, VPU) from edge to cloud

## Who needs this product?

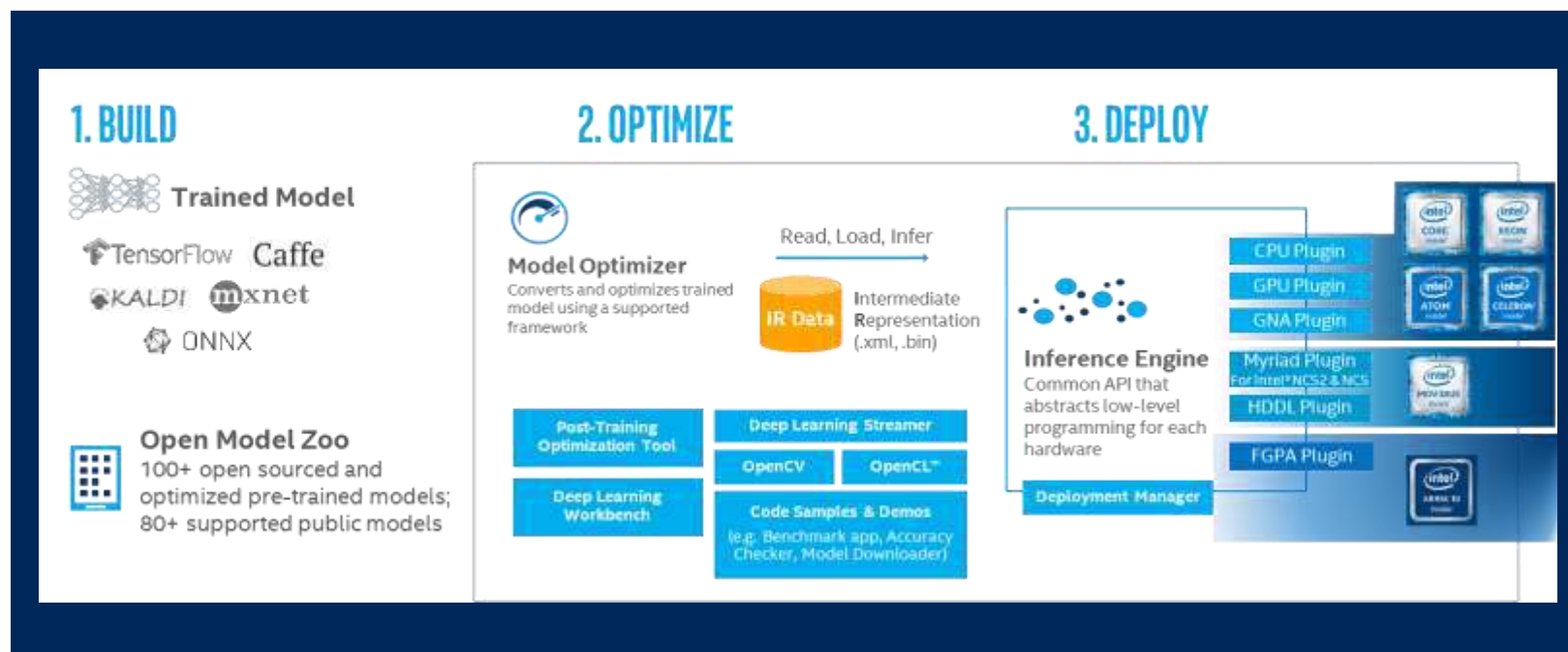
AI application developers, OEMs, ISVs, System Integrators, Vision and Media developers

## Top Features/Benefits

High-performance, deep learning inference deployment

Streamlined development; ease of use

Write once, deploy anywhere



Proven, industry-leading accelerated technology

[software.intel.com/opencvino-toolkit](https://software.intel.com/opencvino-toolkit)



The principles of open development across software, hardware, and standards hold the keys to innovation, growth, and equal access to technology; together, we can create world-changing technology that improves the lives of everyone on the planet. Intel supports the Contributor Covenant.

[Read CEO Pat Gelsinger's Open Letter to an Open Ecosystem](#)

## Community Projects and Initiatives

Community-built open software based on open standards has fueled the modern connected world. Intel has been a leader in this community from the beginning and recognizes the value and need to contribute to a healthy, open ecosystem. Intel invests its time, expertise, and engineers in a myriad of critical open projects and foundations, employing many community maintainers who work across large and small projects.

## DevOps: Integrating Development and Operations

DevOps is a software development practice that breaks down silos between developers and IT operations teams to deliver products and services quickly and efficiently in the cloud.



Certified enterprise ready

[About certification](#)



Certified enterprise ready

[About certification](#)
















# Why Run on Red Hat & Intel



# The Intel + Red Hat Partner Ecosystem

 <p>Red Hat software</p>	<p>the default platform for digital transformation</p> <ul style="list-style-type: none"> <li>25+ years of working together</li> <li>Share a vision for the future</li> <li>Help organizations navigate digital transformation</li> </ul>
<p>Better Together</p>	    
 <p>Intel silicon</p>	<ul style="list-style-type: none"> <li>Joint engineering collaboration in Kubernetes and Cloud-Native container development community</li> <li>Best on Intel: Automation Manageability, Security, Reliability &amp; performance</li> </ul>
<p>Majority of Fortune 500 companies use Red Hat Enterprise Linux<sup>1</sup></p>	   





# Our Partnership: Your Benefits



Accelerated time to market



Contribute to open source community.



Innovation through joint roadmaps.



Ecosystem of partners and certified solutions



Transformational technologies



One architecture for hybrid cloud



Secure, supported and enterprise grade



Optimized, sustainable, and cost efficient

