DATA IS DRIVING INTELLIGENCE EVERYWHERE

GENERATING A TRANSFORMATIVE WAVE OF INSIGHTS
In our data-centric world, transactions and interactions are happening everywhere—on our phones, in our cars, in retail stores, and in massive data centers analyzing data transmitted from edge devices. Gaining more business value demands new levels of flexibility, smart algorithms, and new "salt" capable of mining a deluge of unstructured data ranging from video and images to text and audio.

The pace of change is accelerating across every vertical. Now more than ever, business and industry need actionable, data-driven information—delivered with speed and accuracy.

THE EDGE: A GROWING AREA OF UNTAPPED OPPORTUNITY

- 33 ZB to 175 ZB
  - More than 5x growth in world data is expected by 2025.
- 90 ZB at the edge
  - An estimated 50% of this data will be generated on the edge.
- 150B edge devices
  - Real-time data processing is projected to grow 10x.

FOUR MAJOR FORCES ARE BEHIND THE SHIFT TO THE EDGE
- Latency: Edge computing can help eliminate remote lag times in communication by bringing data processing closer to the end user, helping to ensure faster decision making and information processing.
- Hardwired: Edge computing works by bringing data closer to the end user, allowing for faster data transfer and reducing latency.
- Security: By bringing data closer to the end user, it helps reduce security and compliance risks. In fact, Intel now offers the broadest computing portfolio available for AI, media, and the network.
- Connectivity: Edge computing helps reduce bandwidth-intensive content transfers to the cloud and back, helping overcome bandwidth constraints that can impact the use of applications.

CUTTING-EDGE INDUSTRY TRANSFORMATION

- Expertise meets ecosystem for AI at the edge
  - Global network of developers, technology providers, and enterprise customers
  - Grouping intelligent edge technology
  - Market-ready, proven solutions
  - Optimized Intel® portfolio for a wide range of existing and emerging edge workloads

UNLOCK THE POTENTIAL OF EDGE COMPUTING

Intel and our partners create market-ready solutions that are built for the edge and designed to solve real-world business challenges. In fact, Intel now offers the broadest computing portfolio available for AI, media, and the network.

The end-to-end portfolio includes:
- Developer tools and cloud integration
- Intel® AI in production
- Edge platforms, hardware, and software solutions

Get started at intel.com/ai-in-production.