Intel® Edge Software Hub
Start your intelligent edge solutions here

Streamline development and accelerate deployment of innovative solutions for AI at the edge with a one-stop resource for software and optimized use case-specific packages.

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The Intel® Edge Software Hub offers a competitive edge when you're working to meet the growing demand for IoT edge applications. As a software developer or system architect, you face obstacles—including complex requirements, issues with connectivity, security, and latency, and diverse edge infrastructure— that delay development of solutions and their release to the market. The Intel Edge Software Hub makes it simple and easy to find, prototype, and integrate the software you need.

This one-stop resource saves you time and money, with access to an expanding list of vertical-specific, containerized software packages and robust software tools. You can also take advantage of our extensive portfolio of scalable, interoperable Intel® hardware solutions and vast ecosystem offerings.

Break down barriers to edge intelligence

Explore an array of resources, including tutorials and sample code, easy-to-use software tools, and prevalidated and configurable software offerings. Intel is invested in optimizing vertical-specific edge AI applications, including simplifying implementation of edge-to-cloud developer workflow with preintegrated components from CSPs.

Leverage software packages specific to key verticals and use cases

The Intel Edge Software Hub provides developers with specialized software packages and the confidence of knowing the modules have already been tested, validated, and integrated into the solution. These packages were built specifically to satisfy the requirements for various edge use cases across verticals and come from Intel, open source communities, and ecosystem partners.

Extend cloud applications to the edge

The Intel Edge Software Hub enables end-to-end, edge-to-cloud workflow integration. The Intel® Distribution of OpenVINO™ toolkit and marquee CSP let developers extend cloud applications to seamlessly develop and deploy solutions at the edge.

Enhance solution value with hardware from the diverse Intel® portfolio

The software tools and packages are optimized for our extensive hardware portfolio for development of intelligent edge solutions. To speed decision-making, we provide a list of hardware and devices that work best with the software. The offerings include everything from compute for low-power cameras on the factory floor to accelerators to run inference on on-premises servers.

Scale up quickly with end-to-end solutions from Intel and ecosystem partners

The Intel Edge Software Hub offers resources to enterprises of all sizes developing IoT and intelligent edge solutions. The tools and packages make it easy to create Intel® RFP Ready Kits and Intel® IoT Market Ready Solutions that are hardened and deployable commercial offerings. Additional capabilities and solutions from partners and the ecosystem will give you more options and more-powerful solutions going forward.

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Edge solutions across vertical use cases

Intel® Edge Insights packages include components designed to meet the diverse needs of key verticals at the edge to deliver industry-specific outcomes.

Intel® Edge Insights for Industrial

Supports advanced AI workloads at the edge for analytics, safety monitoring, and automation for machine vision solutions

Industrial enterprises are using the massive amounts of data they collect to improve product quality, cut costs, boost efficiency, and improve worker safety. Edge Insights for Industrial offers robust software tools, proven software packages, and prevalidated hardware modules. This offering helps you move quickly from prototype to production for a growing number of use cases, including video and time series data ingestion, analytics, and automation for machine vision solutions. You can customize your application using optimized, containerized packages that enable sensing, analytics, vision, automation, and other transformative edge applications.

Intel® Edge Insights for Retail

Facilitates data access at the edge to simplify delivery of relevant, engaging customer experiences

A retail store's competitive advantage lies in providing exceptional customer experiences. Using advanced technologies like smart cameras, edge-to-cloud integration, and customer behavior analytics, retailers can reduce costs, boost revenue, and protect assets. The Edge Insights for Retail package speeds development and deployment of retail AI IoT applications. This one-stop resource offers a containerized computer vision pipeline to customize software faster for targeted retail edge intelligence applications. New insight on customers' behaviors sets the stage for innovative in-store experiences and better operational results.

Intel® Edge Insights for Vision

Accelerates innovation in computer vision applications and edge-to-cloud integration

Machine learning, deep learning, and advanced AI techniques are reshaping the way enterprises implement computer vision. Power-efficient cameras underlie solutions that can sense, infer, and execute. But these capabilities require complex software solutions to integrate computer vision, AI, and analytics from edge to cloud and back. Edge Insights for Vision combines an optimized and simplified Intel Distribution of OpenVINO toolkit setup with a media pipeline that speeds inference at the edge.

Bring your edge intelligence solution to life quickly, easily, and with greater confidence.

Reduce setup time and release your edge AI solutions to market faster with a jump-start from the software tools and packages on the Intel Edge Software Hub.

To get started, visit **intel.com/edgesoftwarehub**.