



## **Ripik Vision Successfully Optimized on Intel Architecture**

### **Introduction to the Ripik.AI**

Ripik.AI is a leading industrial AI company that provides SaaS products for steel, aluminum, cement, pharmaceutical, power, and other sectors. The company's goal is to achieve cost reductions, enhance efficiency, and drive sustainability in manufacturing through sector-specific knowledge, technical proficiency, and effective change management.

**Ripik Vision** is a cutting-edge artificial intelligence solution designed to meet the evolving needs of businesses across various industries. By harnessing the power of AI, **Ripik Vision** offers unparalleled efficiency, accuracy, and scalability, enabling organizations to drive innovation and achieve competitive advantages. Key features of **Ripik Vision**

### **Top 3 Features of Ripik Vision**

#### **1. Real-Time and Accurate Pipe Tracking:**

- Utilizes advanced computer vision technology to provide precise and instantaneous tracking of casted pipes. This enhances monitoring capabilities and ensures each pipe is accurately tracked throughout the manufacturing process.

#### **2. Streamlined Data Recording and Analysis:**

- Efficiently records detailed data for each casted pipe, including its relation to the continuous casting machine and specific pipe diameters. This feature aids in maintaining comprehensive records, facilitating better analysis and traceability.

#### **3. Comprehensive Dashboard for Enhanced Decision-Making:**

- The accompanying dashboard offers real-time visualization of pipe production metrics, including detailed pipe and rejection rates. This granular level of data presentation supports improved efficiency and informed decision-making in the pipe manufacturing process.

### **Optimization on Intel Architecture**

To maximize performance and efficiency, Ripik Vision has been meticulously optimized for Intel Architecture, leveraging the advanced capabilities of OpenVINO Toolkits. This optimization ensures that Ripik Vision fully utilizes the underlying hardware, resulting in faster processing times, reduced latency, and increased throughput for AI workloads.

The optimization process involved applying techniques to critical components of Ripik Vision. These enhancements allow the solution to take full advantage of Intel's powerful CPUs, making Ripik Vision not only more efficient but also more versatile across different deployment scenarios.

Ripik Vision has been optimized for the 13th Generation Intel® Core™ i9 Processors (Products formerly Raptor Lake), known for their robust performance, efficiency, and reliability. The 13th Generation Intel® Core™ i9 Processors support an extensive ecosystem of tools and libraries that further streamline the development and deployment of AI solutions, making them an ideal choice for Ripik Vision.



#### About Ripik.AI

Ripik.AI is a leading industrial AI company that provides SaaS products for steel, aluminum, cement, pharmaceutical, power, and other sectors. The company's goal is to achieve cost reductions, enhance efficiency, and drive sustainability in manufacturing through sector-specific knowledge, technical proficiency, and effective change management.

For more information about Ripik.AI, visit [Home - Ripik](#) and Ripik Vision - Ripik. Stay connected with us on social media for the latest updates and insights into our solutions and services. You can follow us on LinkedIn: [Ripik.AI: Overview | LinkedIn](#).