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Irisity IRIS+: Smart Security with Validated Video Analytics

Intel® Architecture

Irisity, Dell, and Intel join forces to streamline AI deployment.

"Irisity was able to use Intel's AI solution validation lab to quickly test and benchmark our latest IRIS+ software release on servers running a variety of 3rd Gen Intel Xeon processors and create detailed hardware sizing data for our partners and customers."

— Zvika Ashani
CTO
Irisity

State-of-the art video analytics solutions from Irisity increase security and business intelligence in a wide range of industries and verticals, including central monitoring, critical infrastructure, rail and transportation, education, smart cities, and healthcare. Irisity's comprehensive solutions deliver high levels of accuracy, even in the most challenging environments, and are designed to be easy to implement and scale. The company's recent testing of its new IRIS+ AI-powered video analytics solution, with Dell, in **Intel's AI solution validation lab** proved to be a key step in enabling streamlined deployment of the new product for customers.

Fine-tune Workload-specific Configurations

Focused on determining the optimal system configurations for specific AI and video workloads, Irisity and Dell opted to collaborate with Intel. In Intel's AI solution validation lab, engineers from Irisity and Dell worked closely with Intel engineers and OpenVINO™ toolkit specialists, systematically testing real video analytics workloads, looking for opportunities for improvement. Based on analysis of the test results, Intel engineers recommended the optimal specifications required per stream/camera to be deployed using the Dell PowerEdge R750 with a dual socket Intel® Xeon® Gold 6338N CPU and the Intel Xeon Gold 6348 CPU.

Reduce Complexity and Optimize Resources

Working with a prevalidated solution minimizes many of the costs and complexities typically associated with deploying AI-powered video analytics solutions. This means that Irisity's IRIS+ customers can quickly begin improving security and safety while optimizing security resources.

About Irisity

Irisity is a leading provider of AI-powered video analytics solutions. The company develops deep learning algorithms that upgrade security cameras into intelligent devices while safeguarding personal privacy. Irisity currently serves customers in more than 90 countries.

Intel® Distribution of OpenVINO™ Toolkit

[Intel® Distribution of OpenVINO™ toolkit](#) is designed to accelerate the development of machine learning solutions. A tool suite for high-performance deep learning, the OpenVINO toolkit is aimed at delivering faster, more accurate results deployed into production across Intel architecture from edge to cloud. The toolkit enables a write-once, deploy-anywhere approach to deep learning deployments on Intel platforms that, coupled with Dell Technologies, provides a powerful combination to optimize performance and simplify deployment.

OpenVINO™

Learn More

For details about Irisity's video analytics-based smart security solutions, contact your Intel or Dell representative.

Learn more about [Intel® Partner Alliance](#).

Why Validating Matters

By validating with Dell in the Intel lab, Irisity has positioned its solution for:

Simplified AI deployment	Cost-effective performance	Accelerated time to value
An all-in-one preconfigured solution means no need to purchase and experiment with individual components.	The specified system has been tested and proven to deliver the right level of performance to reach desired deployment goals.	Ready-right-now Irisity IRIS+ enables fast, easy AI adoption to start identifying opportunities for improving security and cost savings upon implementation.

Count on a prevalidated solution to streamline deployment and simplify scaling. That's because optimizing hardware and software configurations in advance reduces risk and complexity, helping to ensure that an AI solution will deliver the right level of performance for the task at hand—from day one.

The AI Solution Validation Lab at Intel

Intel's AI solution validation lab is a unique and comprehensive preconfigured, remote testing environment. Through the lab, participants have access to the latest hardware and chipsets, including 3rd Gen Intel® Xeon® Scalable processors. Intel engineers provide technical consultation and recommendations along with ongoing support throughout the validation process. On completion, the participant receives detailed performance reports and recommendations from Intel on the optimized platform that will best meet their customers' deployment goals for the AI solution.

Intel's AI Validation Lab with Dell
Features:
• Preconfigured remote validation lab
• Configured multi-stream in-process analytics
• Access to the latest Intel® Xeon® platforms, accelerators, and enabling chipsets
• Complete system configuration for optimal recommendations
Products:
• Chassis: Dell EMC PowerEdge R750
• CPU: Dual socket Intel® Xeon® Gold 6338N CPU
• Memory: Installed Physical Memory (RAM) 192 GB
• Intel® Distribution of OpenVINO™ toolkit

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