INTRODUCTION

Vismarty Image Compliance Review System enables media content providers and publishers detect, classify and filter out violent, terrorist and prohibited images and video frames from internet and social media contents using AI algorithm accelerated by Xilinx FPGA.

HIGHLIGHT

- Ultra-low Latency: < 2ms
- High Accuracy: Missing alarm ratio ≤ 0.5%
- High Throughput: > 6,000,000 pcs/h
- Multiple Platform Supported: Providing Cloud, FPGA board and IP service
- Flexible AI Applications in one Board: Prohibited, Violence or used defined applications

AI DETECTION FOR

- Prohibited contents
- Violence contents
- Unvalid Face images
- Used defined functions
SOLUTION

Vismarty is an artificial intelligence company focusing on computer vision algorithms and FPGA acceleration technology development and providing image analytics services. It provides a host of image analytics services and solutions to enterprises in the cloud and on premise.

PERFORMANCE

- 3x Higher Throughput
- X400 Lower Latency

(*) Benchmark results using Xilinx Alveo U200 + Intel Xeon E5-2695 CPU (management) vs. GPU(P4) Intel Xeon E5-2695 CPU.

Contact

Xilinx FPGA Board Alveo accelerator cards
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