

結合ONNX的醫療ArMD AI解決方案

提供您快速且準確的解決方案

The letters 'AI' in a large, bold, blue font with a white outline. They are positioned in front of a glowing, wireframe globe. The background of the entire slide is a city skyline at dusk or dawn, with various icons overlaid: a medical icon (top left), a heart with a plus sign (top right), and an eye with a crosshair (bottom left).

AI

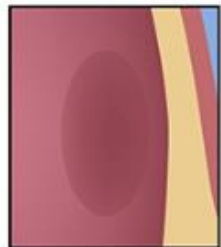
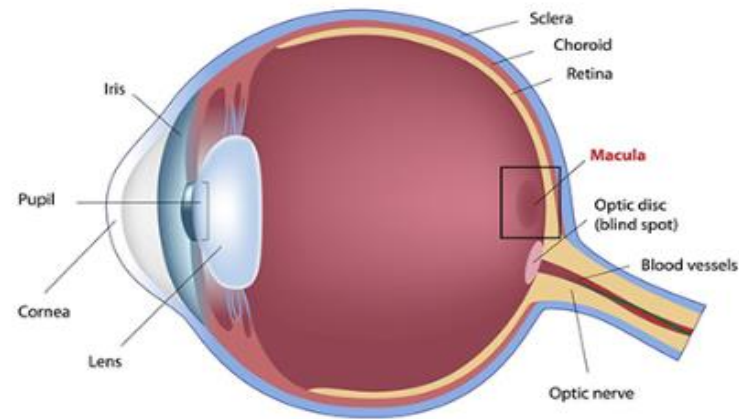


IoT Solutions
Alliance

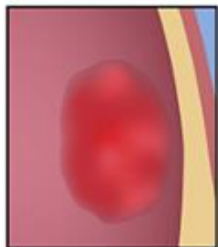
iei®

什麼是 ArMD?

老年性黃斑部病變 (ArMD) 是失明的主要原因。但是，您越早發現 ArMD，就越有機會保持視力。



Normal



Active Wet



Inactive Wet



Normal vision

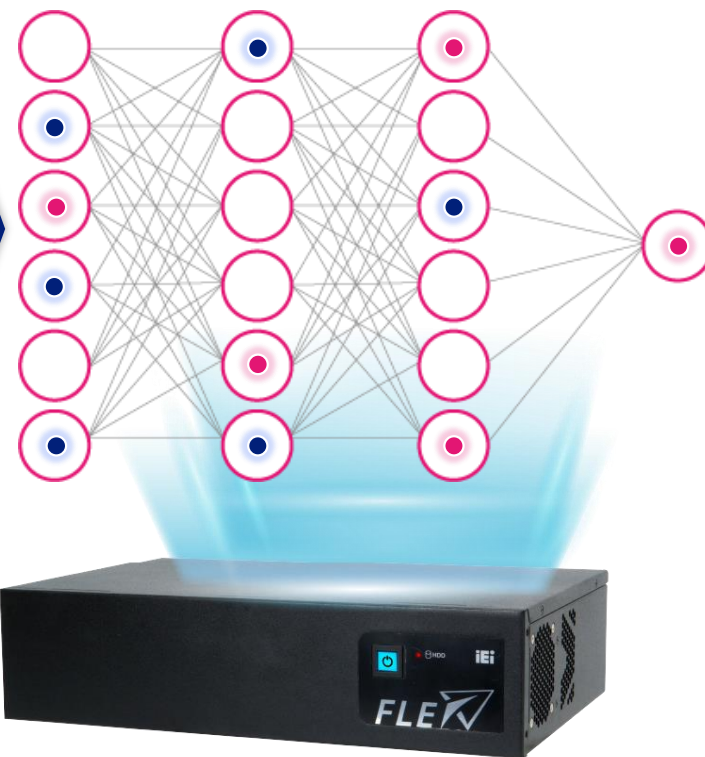


Wet macular degeneration
(visual distortion)

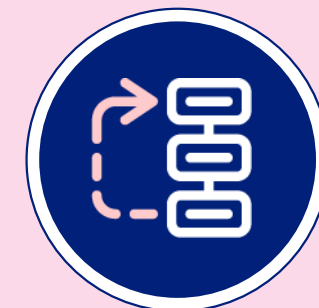
臨床診斷痛點



ArMD AI Inference



提升檢測品質



降低工作流程以及時間

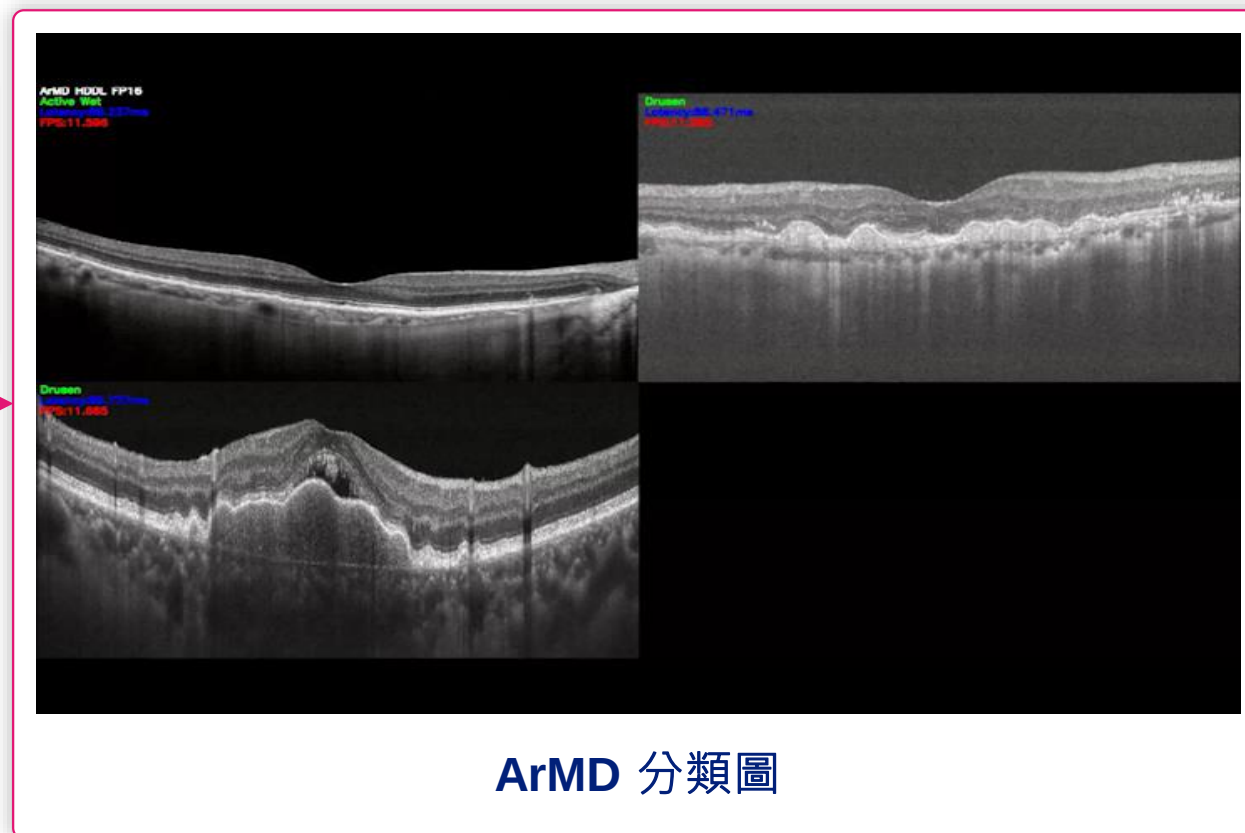
ArMD AI 推論過程



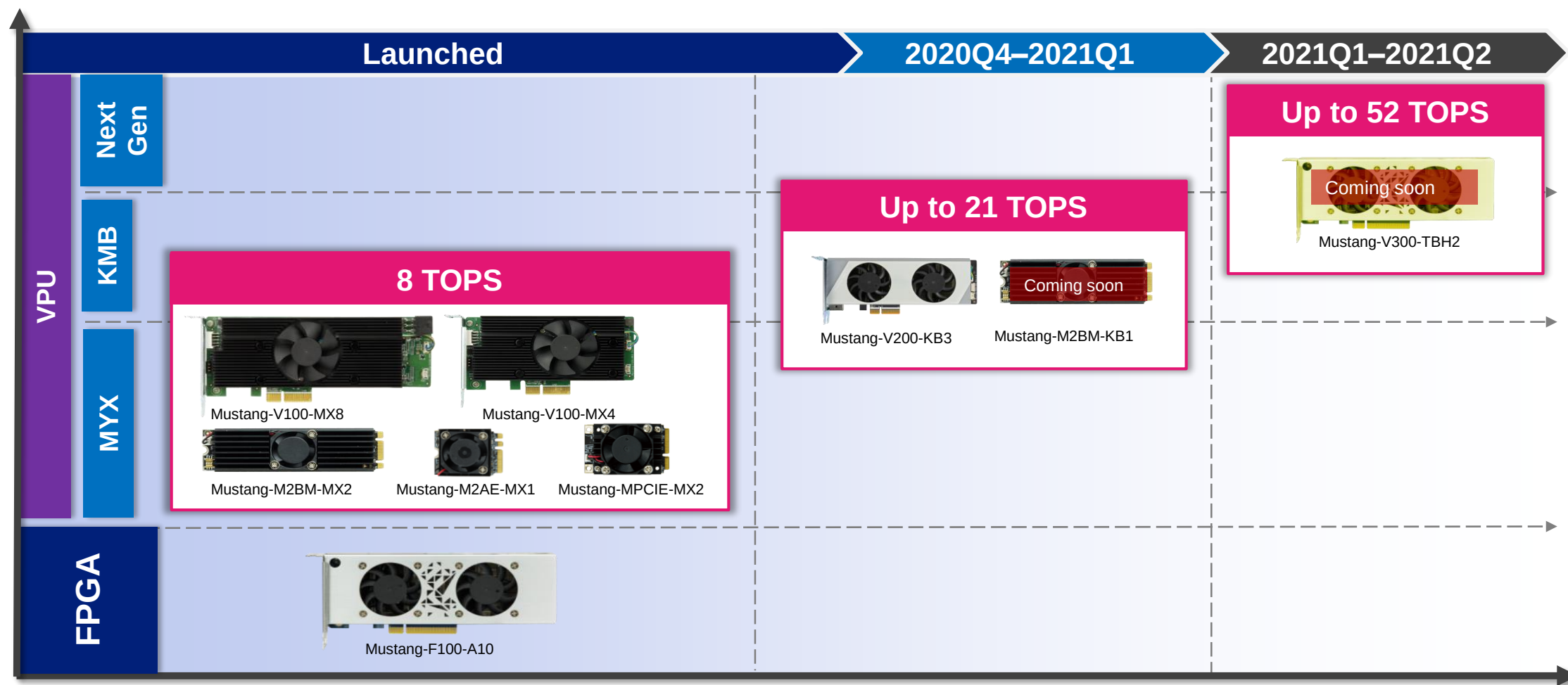
CPU
4 FPS → VPU
11 FPS
加快2.7倍!!



經過22,000組數據，準確率高達 92%



Mustang 加速卡系列產品規劃



AIoT Dev. Kit 產品規劃

Schedule	Launched					2020	2021	
						Q4	Q1	Q2
Intel® Vision Accelerator Design Integrated Systems	TANK AIoT Dev. Kit 搭載 Mustang-V100-MX8							
			FLEX AIoT Dev. Kit 搭載 Mustang-V100-MX8					
						FLEX AIoT Dev. Kit 搭載 Mustang-V200-KB3		



智慧城市解決方案



- IEI TANK-870AI Dev. Kit
- 應用: 行人, 車輛, 行為監控, 對象識別



高達2個 Myriad
AI VPU

OpenVINO™

OpenVINO™
Toolkit



IoT Solutions
Alliance

訪客管理解決方案



- IEI FLEX-BX200 Dev. Kit
- 應用: 物體辨識



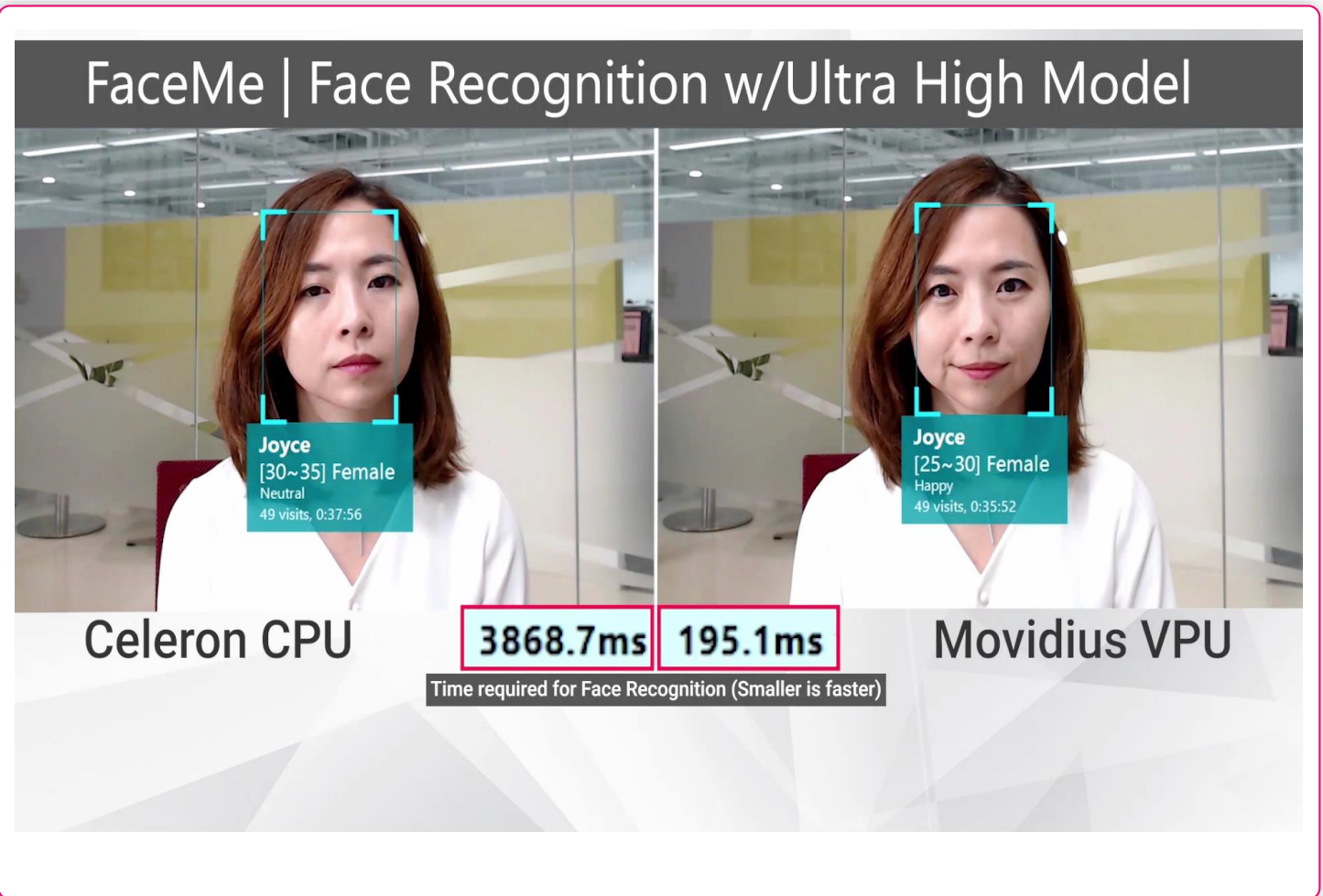
支援 4張
Mustang-V100
PCIe 卡

OpenVINO™

OpenVINO™
Toolkit



IoT Solutions
Alliance



智能交通解決方案



- Iei ITG-100AI
- 應用: 駕駛行為監測



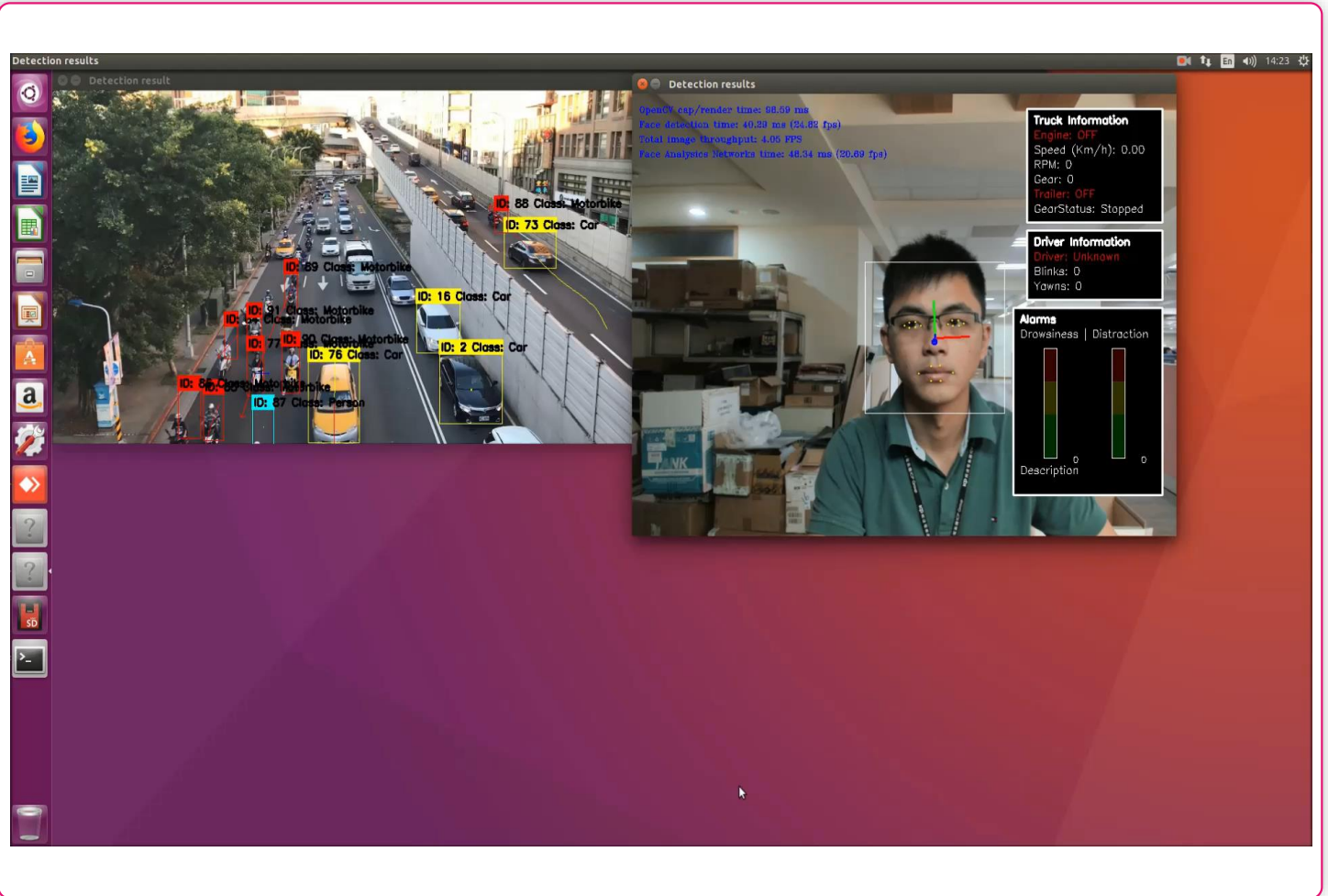
Ultra Compact
Size



Embedded
2 x Myriad
AI VPU



OpenVINO™
Toolkit



AI 無所不在，而 IEI 永遠都在

IEI AI Ready Solution



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AI

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