

Makes AI Model Retraining Time-Saving and Cost-Effective

With almost every industry attempting to keep pace with the proliferation of more connected devices, data and systems than ever before, more smart applications require real-time decision-making. Cloud computing and training certainly help speed up processing by bypassing on-premise solutions, but the move to cloud services means latency is becoming increasingly noticeable. Besides, the data distribution tends to drift significantly from the initial training distribution in the long term, it is usually a good common practice to retrain the AI model on the newer data distribution to keep up with the high model performance. If AI retraining is still executed via cloud, the training and server costs are expected to increase exponentially. Therefore, independent software vendors (ISV) and AI algorithm development companies seek cost-effective alternatives.

The Aetina SuperEdge AIS-D422-A1, NVIDIA-Certified Systems (NCS), successfully completed a rigorous suite of functional and performance tests that validate excellent configuration for reliability, scalability, manageability, and security. It retrains AI models at the edge with low latency in spite of unstable communication networks. What's more, with Aetina AI development tools, AI model retraining time and costs are shortened.

Benefits

- Secures workflows in low latency by protecting data on site
- Easy to utilize AI development tools with GUI customization interface

Results

- Reduces AI model retraining time
- Saves AI model retraining and server costs

