2024 IESC Intel[®] Premium Enabling Services

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Intel[®] Premium Enabling Services

Overview

A fee-based professional solution enabling service offered to enable customers to accomplish targeted performance using Intel technologies & software

Solution Enabling Services

The customer subscribes to 25/50/100 service hours with hightouch service SLA

Value To Customer

- Dedicated Intel solution service resources ٠
- Enable customer time to market in technology adoption
- Complement customer software skillset needs
- Offer Edge AI Model Optimization Services (AI model • recommendation, optimization, and retraining)
- Offer Edge Technology Enabling service (Manageability, • Boot Time Optimization, Security, Security Verification, etc)



Object Detection



Segmentation



Gen Al/LLM



People/Face Detection



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Secured Al

AI Applications





Big Data Analytics



Speech to text/ Text to speech

Optical Character Recognition

Sound Classification

2

Edge Al Workload Optimization Services

Model Recommendation Customer Provides: $\overbrace{KPI}_{KPS, TDP}$ $\overbrace{Vse Case}^{Volume}$	Model Recommendation• Model & Dataset Recommendation• Reference Trained Model• Tool Chain Setup (Intel® Geti™/OpenVINO™)	 Performance Evaluation & Optimization Est. Throughput/ Latency/ Accuracy (KPI) Use Case Demonstration 	 Evaluation Customer Evaluate Use Case on Intel[®] Developer Cloud / Cloud-Based Remote Debug 	 Deliverables Recommended Model Baseline KPI Platform Suggestion Reference Configuration Tool Chain Setup 	Support: Al Workload Optimization or Retraining
Network & Al Workload OptimizationCustomer Provides:Image: Customer ProvidesImage: Customer Provides <t< td=""><td>Network & Al Workload Optimization • Model Optimization • Model Quantization • Hyper Parameter Tuning</br></td><td> Performance Evaluation & Optimization Est. Throughput/ Latency/ Accuracy (KPI) Performance Optimization & Demonstration </td><td> Evaluation Co-debug Customer Evaluate Use Case on Intel[®] Developer Cloud / Cloud-Based Remote Debug </td><td> Deliverables Intel Optimized Trained Model Platform Suggestion Reference Configuration Performance Report Hyper Parameter Configuration File </td><td>Customer Deployment</td></t<>	Network & Al Workload Optimization 	 Performance Evaluation & Optimization Est. Throughput/ Latency/ Accuracy (KPI) Performance Optimization & Demonstration 	 Evaluation Co-debug Customer Evaluate Use Case on Intel[®] Developer Cloud / Cloud-Based Remote Debug 	 Deliverables Intel Optimized Trained Model Platform Suggestion Reference Configuration Performance Report Hyper Parameter Configuration File 	Customer Deployment
Model Retraining Customer Provides: Image: Strained Model KPI Model KPI KPI Datasets	Model Retraining • Model Selection • Retrain /Optimize the Model • Model Quantization • Hyper Parameter Tuning	 Performance Evaluation & Optimization Est. Throughput/ Latency/ Accuracy (KPI) Performance Optimization & Demonstration 	 Evaluation Co-debug Customer Evaluate Use Case on Intel® Developer Cloud / Cloud-Based Remote Debug 	 Deliverables Intel Optimized Trained Model Platform Suggestion Reference Configuration Performance Report Hyper Parameter Configuration File 	Customer Deployment

Edge Technology Enabling Services

	Requirement	► Training		Deliverables	Deployment
 Boot Time Optimization for Platform 	 Linux*-based OS Slim Boot Loader (SBL) Platform supported by SBL 	• SBL Training	 Achieve Desired Boot Time Within Platform Capability 	 Boot Time Optimization Steps Using SBL 	 Demo Co-work with Customers on SBL
Secure Boot	Requirement	Training	Customization	→ Deliverables	► Deployment
 Verification Data Protection and Encryption Hardware-based Security Al Asset Protection 	 Customer Use Case Security Requirement Security Technology Scope within the Platform Support 	 Getting Started Tutorials Security Technology Training 	 Performance and Security Trade-off Debug Session 	 Security Feature Recommendation Reference Configuration 	 Reference Implementation Whitepaper Publication Co-work with Customer
 Device Onboarding in Manufacturing using FDO Open Active Management Technology 	Requirement Use Case Device Management Requirement Architecture Review 	 Training Device Onboarding Supply Chain Overview Out-of-Band device Management Solution Overview 	 Customization Scripting for Automation Device Initialization Process Hardware Enablement Device Verification Live Debug (remote/ 		 Deployment Demo POC Pilot
	 Optimization for Platform Secure Boot Verification Data Protection and Encryption Hardware-based Security Al Asset Protection Device Onboarding in Manufacturing using FDO Open Active Management 	 Boot Time Optimization for Platform Secure Boot Verification Data Protection and Encryption Hardware-based Security Al Asset Protection Device Onboarding in Manufacturing using FDO Open Active Management Linux*-based OS Slim Boot Loader (SBL) Platform supported by SBL Customer Use Case Security Requirement Security Technology Scope within the Platform Support Use Case Device Management Use Case Device Management Architecture Review 	 Boot Time Optimization for Platform Secure Boot Verification Data Protection and Encryption Hardware-based Security Al Asset Protection Device Onboarding in Manufacturing using FDO Open Active Management Linux*-based OS Slim Boot Loader (SBL) Platform supported by SBL Customer Use Case Security Requirement Customer Use Case Security Requirement Security Technology Scope within the Platform Support Getting Started Tutorials Security Technology Training Device Onboarding in Manufacturing using FDO Open Active Management Architecture Review Out-of-Band device Management 	 Boot Time Optimization for Platform Secure Boot Verification Data Protection and Encryption Hardware-based Security Protection Al Asset Protection Device Onboarding in Manufacturing using FDO Device Onboarding in Management Technology Device Management Requirement Secure Boot Verification Customer Use Case Security Requirement Security Technology Scope within the Platform Support Security Protection Device Onboarding in Manufacturing Using FDO Open Active Management Technology Customize Case Security Technology Cope Active Management Technology Device Onboarding Supply Chain Overview Device Onboarding Supply Chain Overview Device Varification Process Hardware Bablement Achieve Desired Boot Time Within Platform Capability Al Asset Patform Support Device Onboarding Supply Chain Overview Device Onboarding Supply Chain Overview Achieve Desired Boot Time Within Platform Capability Performance and Security Trade-off Debug Session Device Onboarding Supply Chain Overview Achieve Desired Boot Training Device Onboarding Supply Chain Overview Management Solution Overview Hardware Enablement Device Verification 	 Boot Time Optimization for Platform Silm Boot Loader (SBL) Platform supported by SBL Secure Boot Verification Data Protection and Encryption Hardware-based Security Requirement Customer Use Case Security Requirement Getting Started Training Getting Started Tutorials Security Requirement Al Asset Platform Support Device Onboarding in Manufacturing using FDO Open Active Management Technology Open Active Ma

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