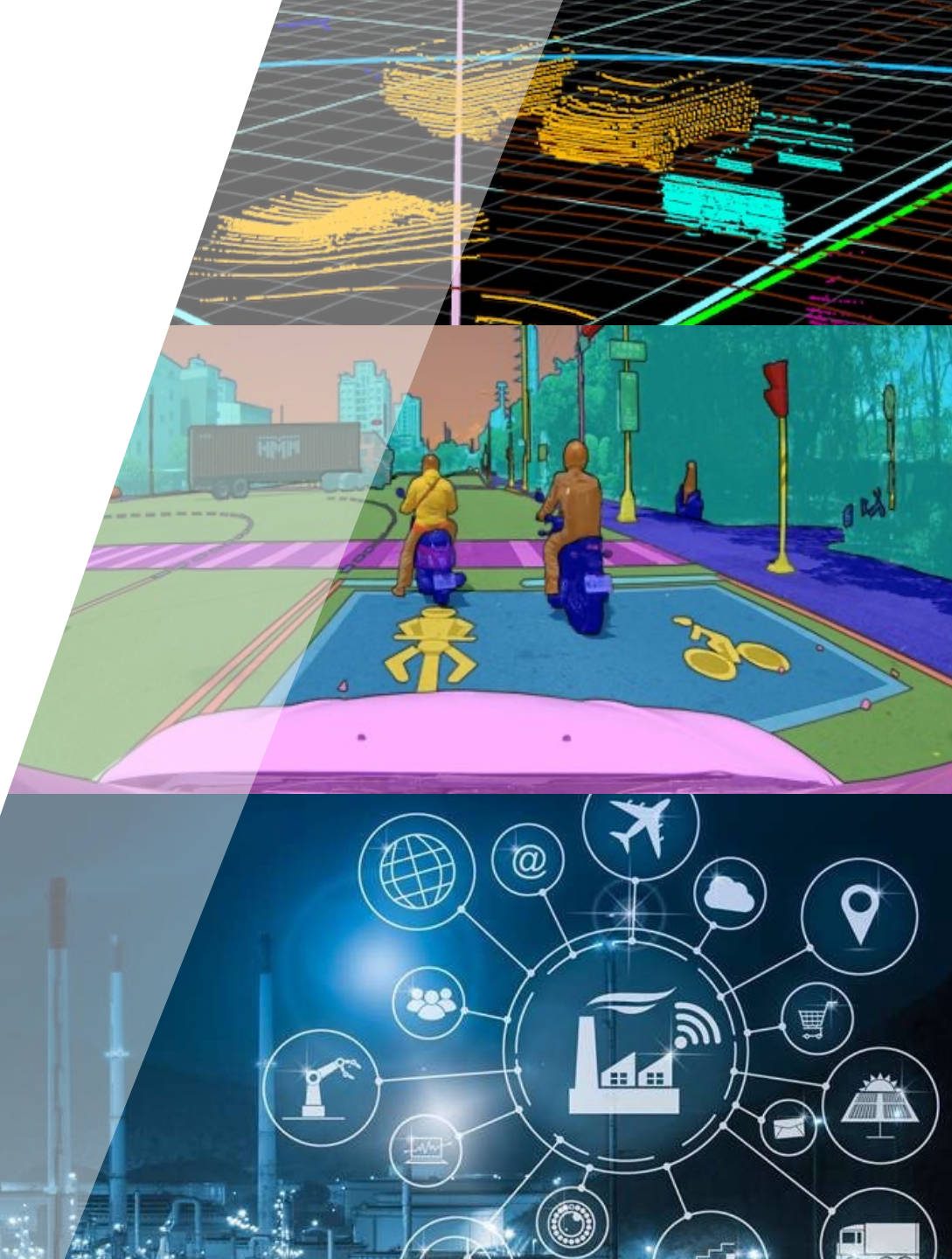# Linker Vision

Data-Centric
Continuous Learning AI Platform

Linker Profile

Background

- Linker Founder and CEO, **Dr. Paul Shieh**
  Founding member of Starent Networks, acquired by Cisco in 2009
- Linker was founded in Boston in 2013
- Linker Vision, a new entity founded in Taipei in 2021

Linker Solutions

- ✓ Vision Based Deep Learning Technology
- ✓ Production Grade Machine Learning Platform for Autonomy
- ✓ Business and Technology Digital Transformation
  - ▪ Offer End to End AI Solutions
  - ▪ Accelerate the development of AI from data labeling to connected Intelligence
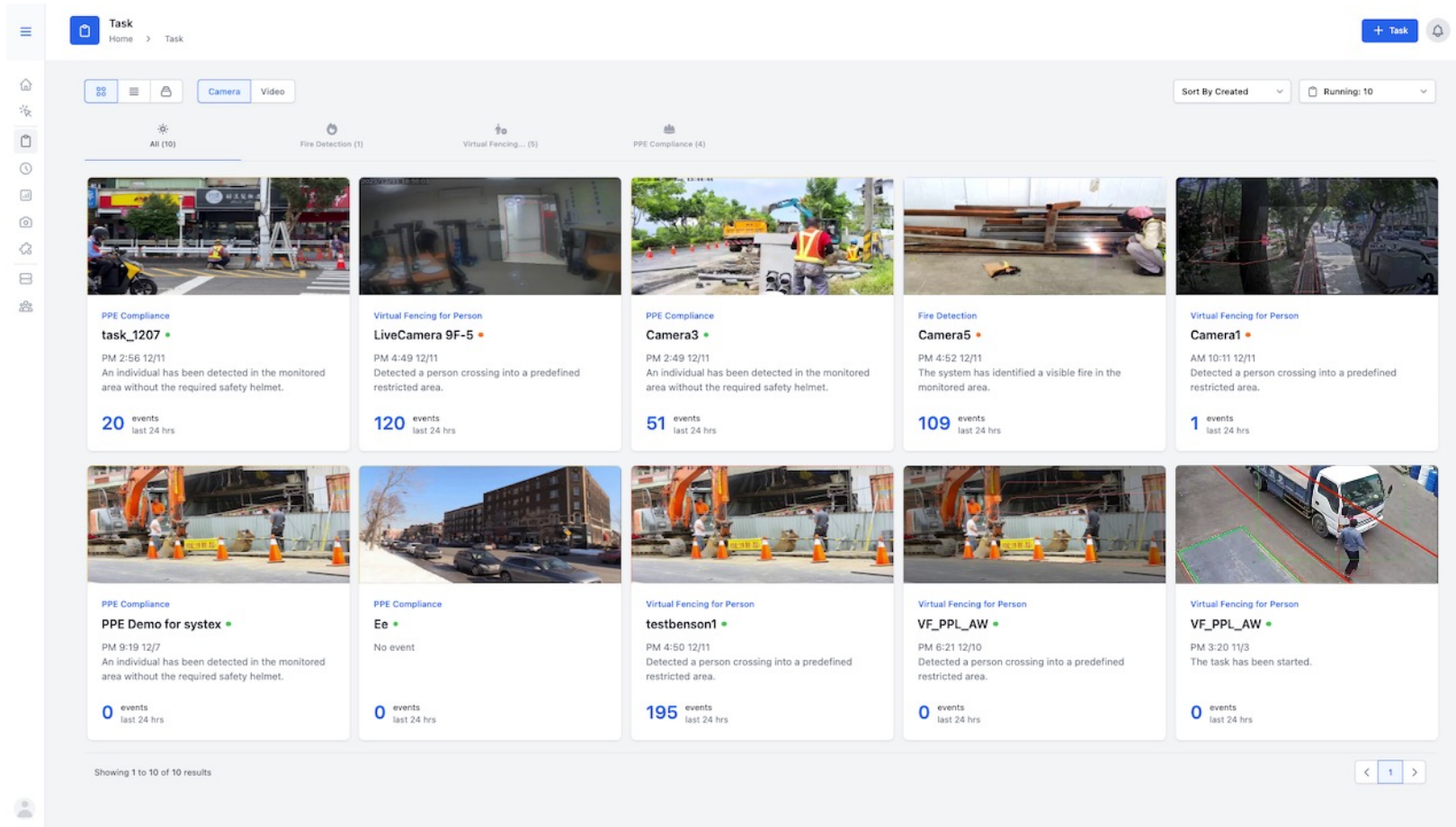
Core Business

Data-Centric Continuous Learning Platforms Built-In Large Vision Model (LVM)

Vision AI Platform

DataVerse Platform

Auto-Labeling Platform

Mobility AI Platform
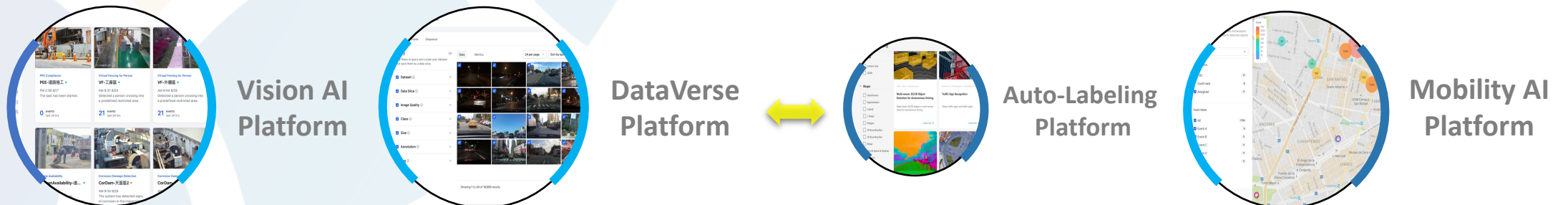
Observ

Edge-enabled Real-time Analytics

Safety & Security Monitoring, Instant Alert – All-in-One

Versatile AI Tasks

- Various scenes and detection
- Stream and location setting

Configurable Threshold

- Avoid noise w/t interest range
- Configure event threshold

Events Record History

- Query event record by type
- Query event record by time

Customizable Mobile Push

- Realtime mobile/web alert
- Customizable push scope

Event Trends and Stats

- Event counting
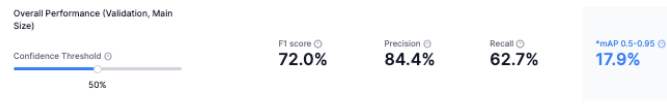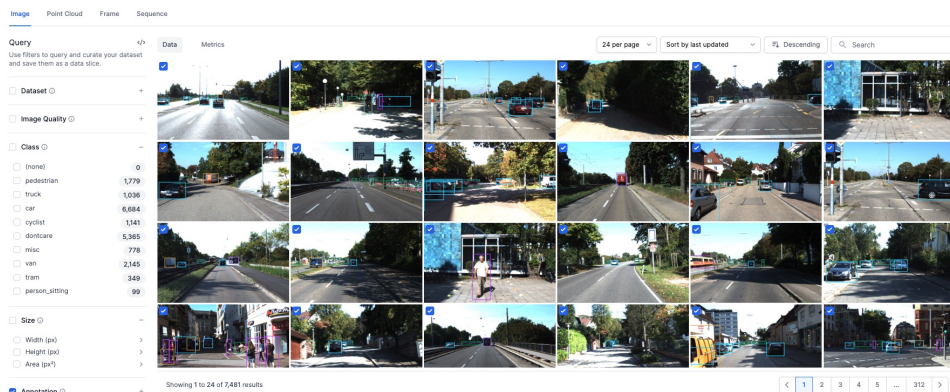- Filter by date, location, type

Continuous Learning

- Integrated drift collection
- Automated learning process

Work with any existing camera, watch out every corner 24/7

DataVerse

Large Vision Model to Build AI Faster

2D+3D automated curation facilitates 10x faster data-centric model development

Auto Scene Generation
- Auto generate scene indices
- Production grade scene models

High-impact Sampling
- Visualized data curation
- Diversity sampling toolset

Structured Query
- Combine query logic freely
- Ensure mutual exclusive

3D+2D Sensor Fusion
- 3D point cloud exploration
- Multi-sensor FOV mapping

Model Diagnosis
- Auto drift data collection
- Visualized training progress

Model Iteration
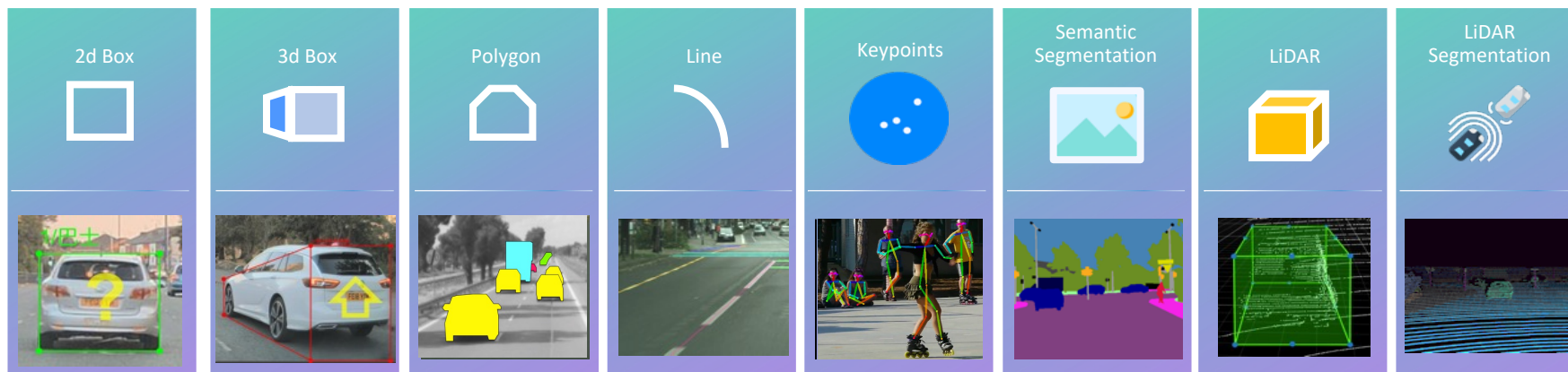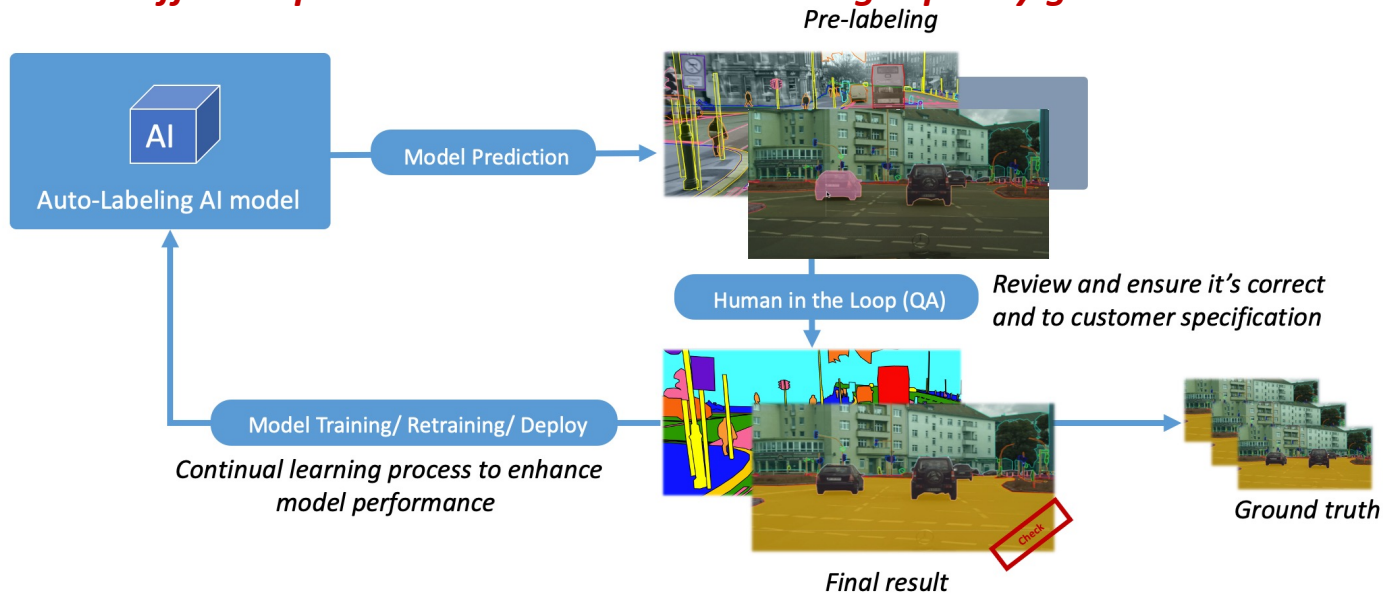- One click to train, w/o coding
- Better Collaboration

Continuous learning to quickly adapt to unseen scenes

Auto-Labeling

High Accuracy 3D/2D Annotations

Minimum effort to produce massive reliable and high-quality ground truth

Pre-labeling

Model Prediction

Auto-Labeling AI model

Human in the Loop (QA)

Review and ensure it's correct and to customer specification

Model Training/ Retraining/ Deploy

Continual learning process to enhance model performance

Final result

Ground truth

2d Box	3d Box	Polygon	Line	Keypoints	Semantic Segmentation	LiDAR	LiDAR Segmentation

Full and Complete Labeling Support in 3D, 2D, Semantic Segmentation, and more

High ROI in Labeling
- Less data needed to build stronger model
- Eliminate cost on owning labelers

Professional Quality Check
- Meet high accuracy requirement
- Optimize the synergy of model and labeler

All Specs Support
- 3D、2D、Semantic segmentation
- Complex attributes
- Difficult labeling objects

Production Level Service
- Structured labeler training system
- Agile to expand in based on actual needs
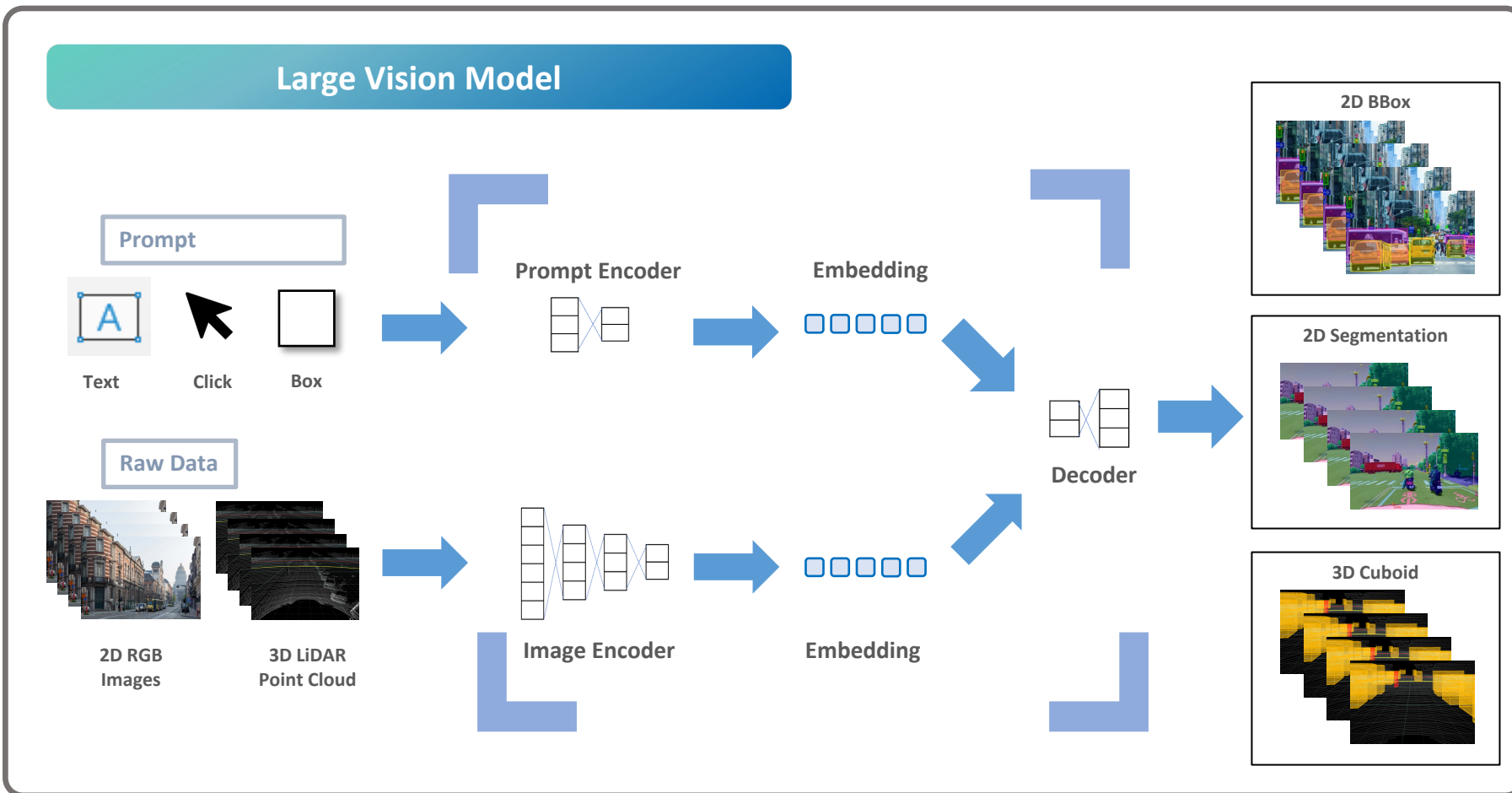
Stable Speed-Value Production
- Reduce 70% of time
- Experienced Professional QA and optimized process flow for strong quality consistency

Continous Improvement
- Accumulated quality advancement
- High price-value performance in large quantity

4

Core Technology- Large Vision Model

Computing the future of AI

The most effective partner to accelerate your AI continuous learning deployment

Get in Touch

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