

3 Steps of AI Solution Applications

1 REFINE : iPlusLabeller
AI supported data labelling tool for all data labelling tasks.

2 CONSTRUCT : AI Model Construction
AI supported data labelling tool for all data labelling tasks.

3 APPRY : Industry Application
Effective AI model deployment through various methods including Desktop Application / Web / App



AI solutions

F1Soft provides end-to-end AI solution tailored for client.
With F1Soft, AI-based innovation is at your hand.





F1Soft's AI Solutions

From Data Acquisition to AI Model Deployment

F1Soft's End-to-End AI Solution supports every phase of AI model development



1 iPlusLabeller

Better data refinement with AI supported data labelling tool

Supports Various Labelling Task

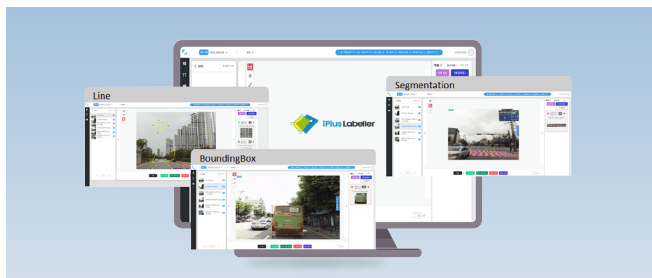
iPlusLabeller supports every expected type of data for data labelling task from text to image.

AI Based Labelling Hint Feature

AI based label suggestion accelerates project by making labelling task easier

'Mark for Expert Support' Feature

Instead of labelling confusing data, worker can mark one's task for supervision to their supervisor or expert labeller.



2 AI Model Construction

Various & powerful AI models Ready to be deployed at any time

One-Class Classification (VAE)

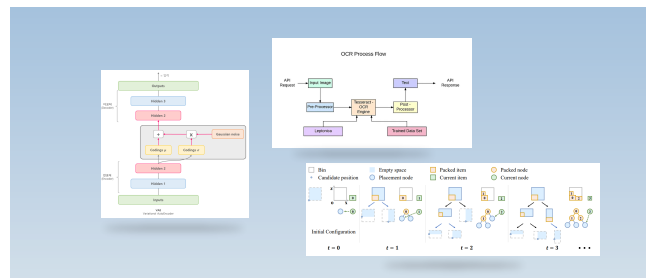
With VAE(Variational Auto Encoder), classification task with large class imbalance can be achieved easily & efficiently

3D bin packing (GAT)

With GAT(Graph Attention Transformer), sequence of boxes is fitted into given space, enabling fully automated 3D bin packing

Object Detection with OCR

With object detection and Tesseract engine trained by bespoke dataset of dot-matrix text image, AI model can detect printed dot-matrix text



3 Industry Application

Successful AI model application With 10+ years experience in IT

Welding Defect Detection (F1AiDetect)

VAE based AI model detects welding defect from given image, inspecting 17section point Simultaneously.

Load Optimization (F1AiOptimizer)

GAT based AI model optimizes container loading, maximizing load factor to lower logistic cost.

Expiration Date Defect Detection (F1AiVision)

With OCR engine, F1Vision can detect expiration date and blow off products with expiration date print error.

AiDetector | AiOptimizer | AiVision

