

BruceEYE

AI service for computer vision

PIDOTECH

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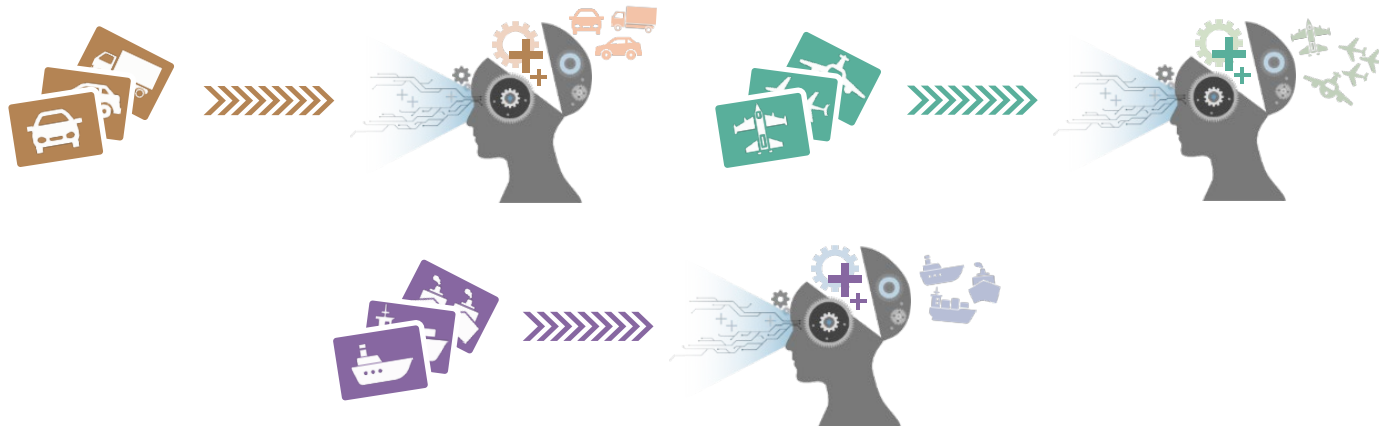
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BruceEYE

BruceEYE is a technology for realizing detection/diagnosis/classification/surveillance using Computer Vision technology and Deep Learning.

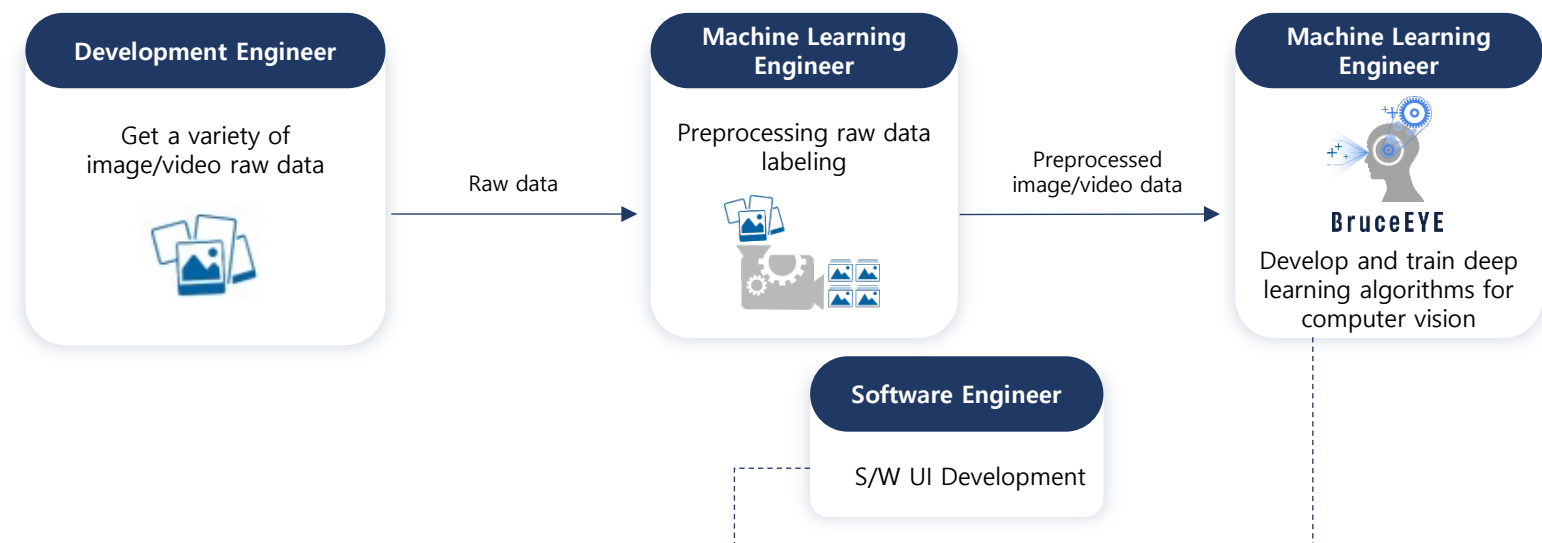
Using the image and video data collected in the field, it learns PIDOTECH's most optimal Deep Learning model.

It is a customized service that provides such a model in the form of a service that satisfies customer needs.

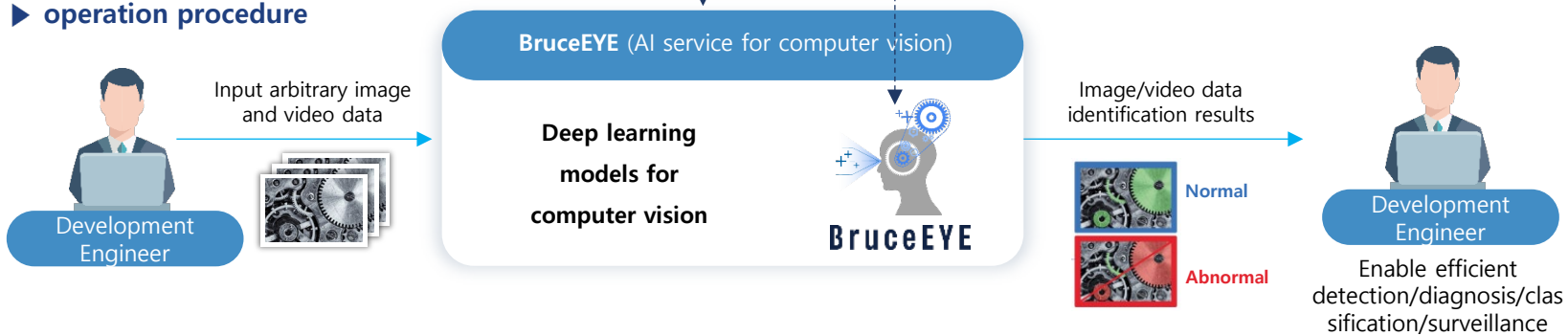


Development process / operation procedure

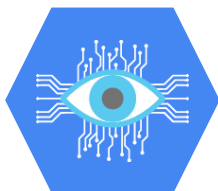
► Development process



► operation procedure



Features



Flexible Data Pre-processing

Able to Learn Deep Learning model quickly and accurately by recognizing and processing data with various image preprocessing technologies



Adaptive Deep Learning model

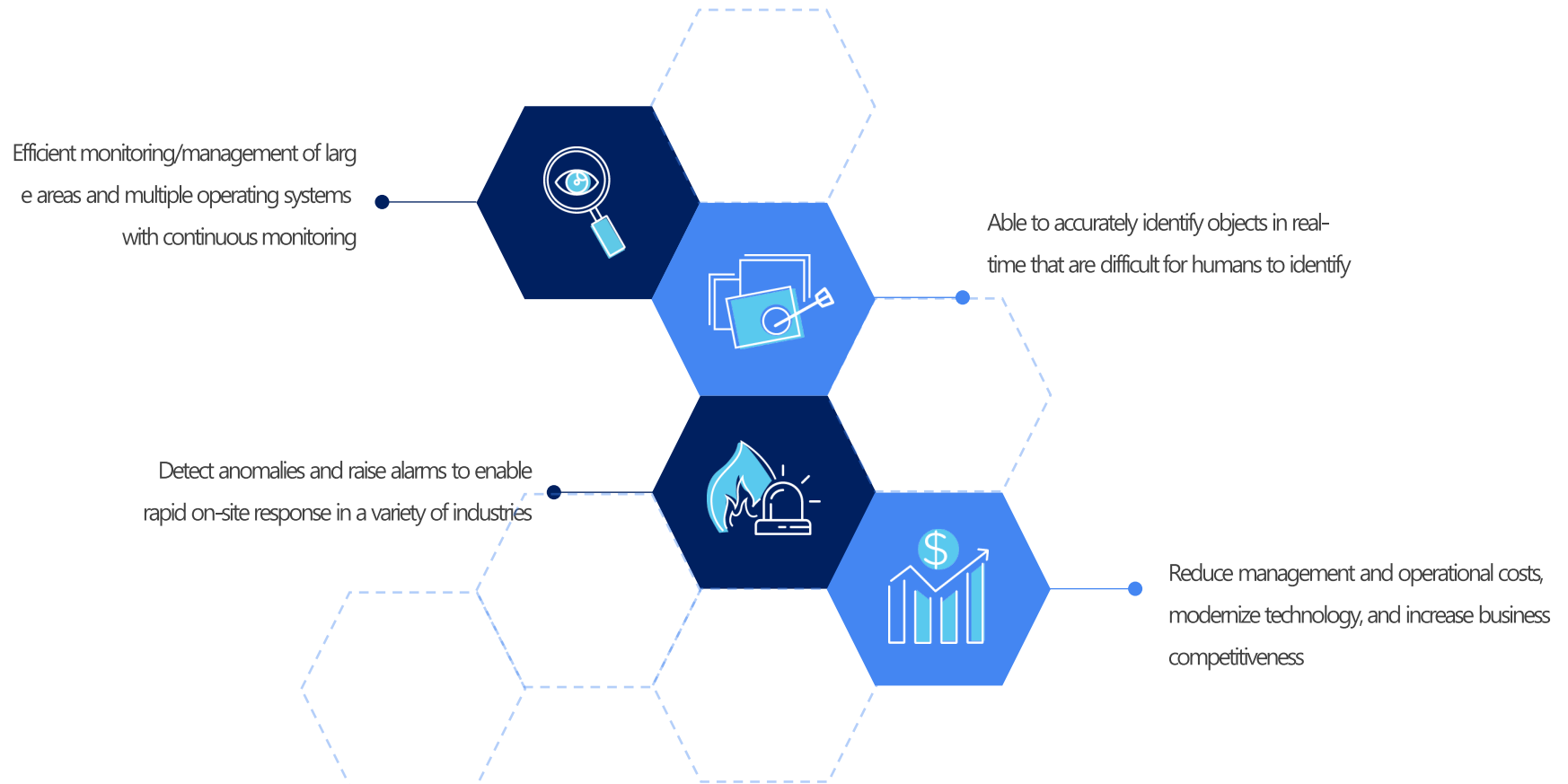
Selects and learns the most optimal Deep Learning model for the provided data, among various built-in algorithms



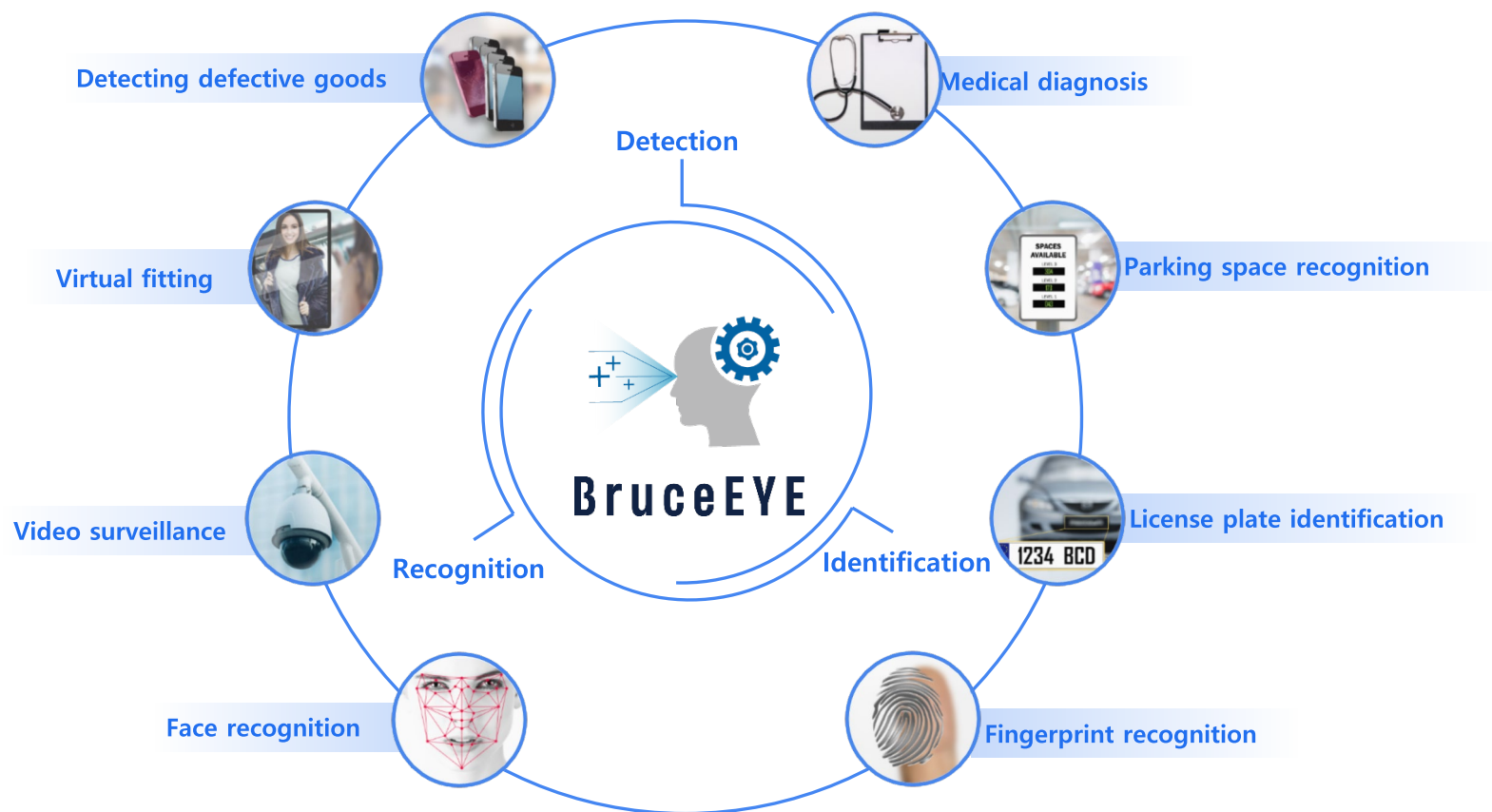
UI Customization

It has labeling tools for a variety of domains and offers a user-friendly UI that is intuitive and maximizes convenience

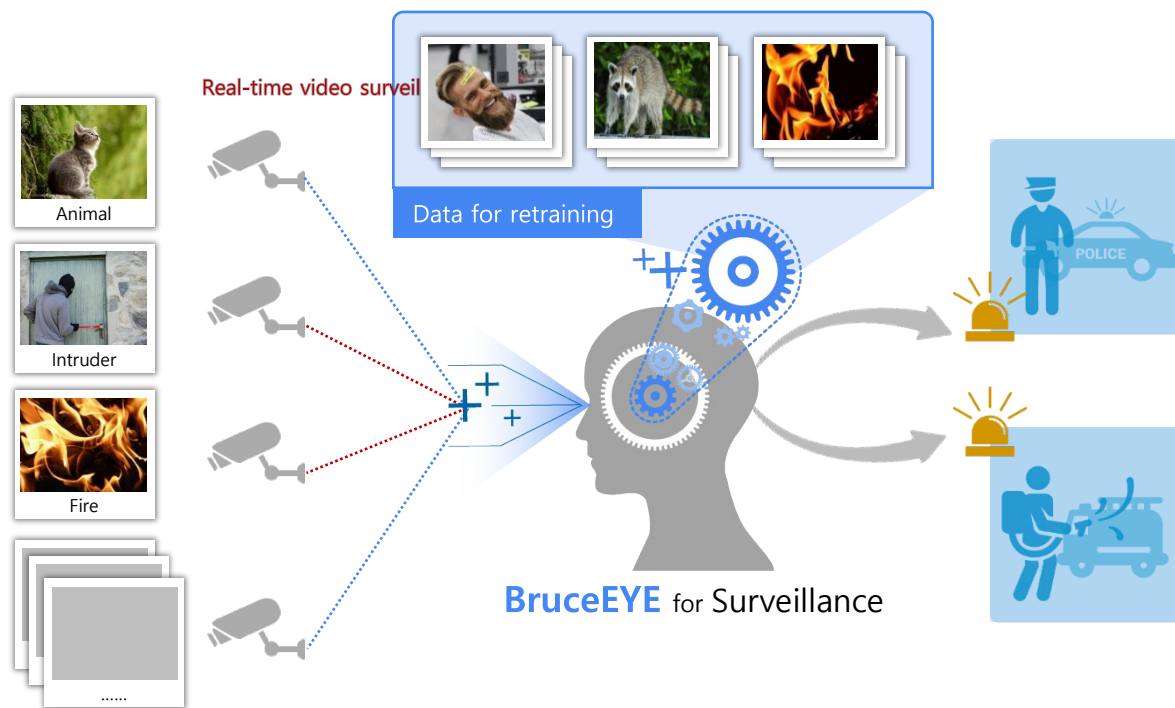
Expected effect



Application case

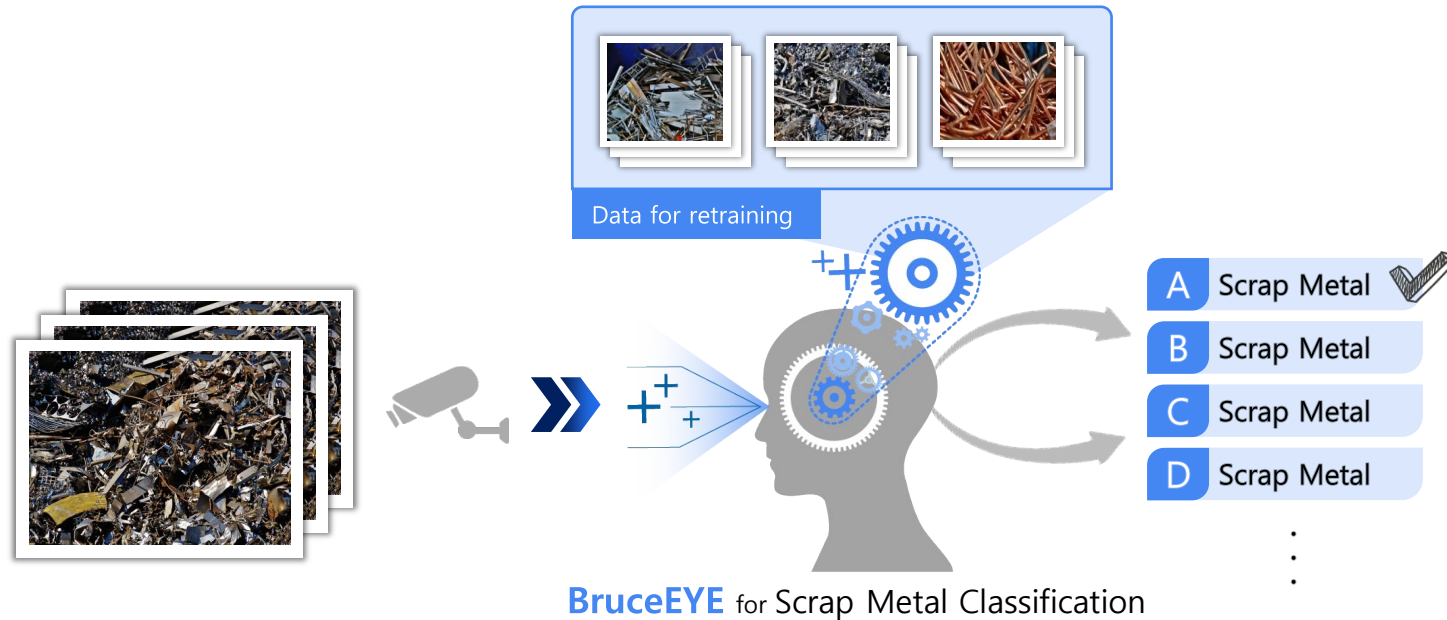


Application case BruceEYE for Surveillance – AI for Video Surveillance



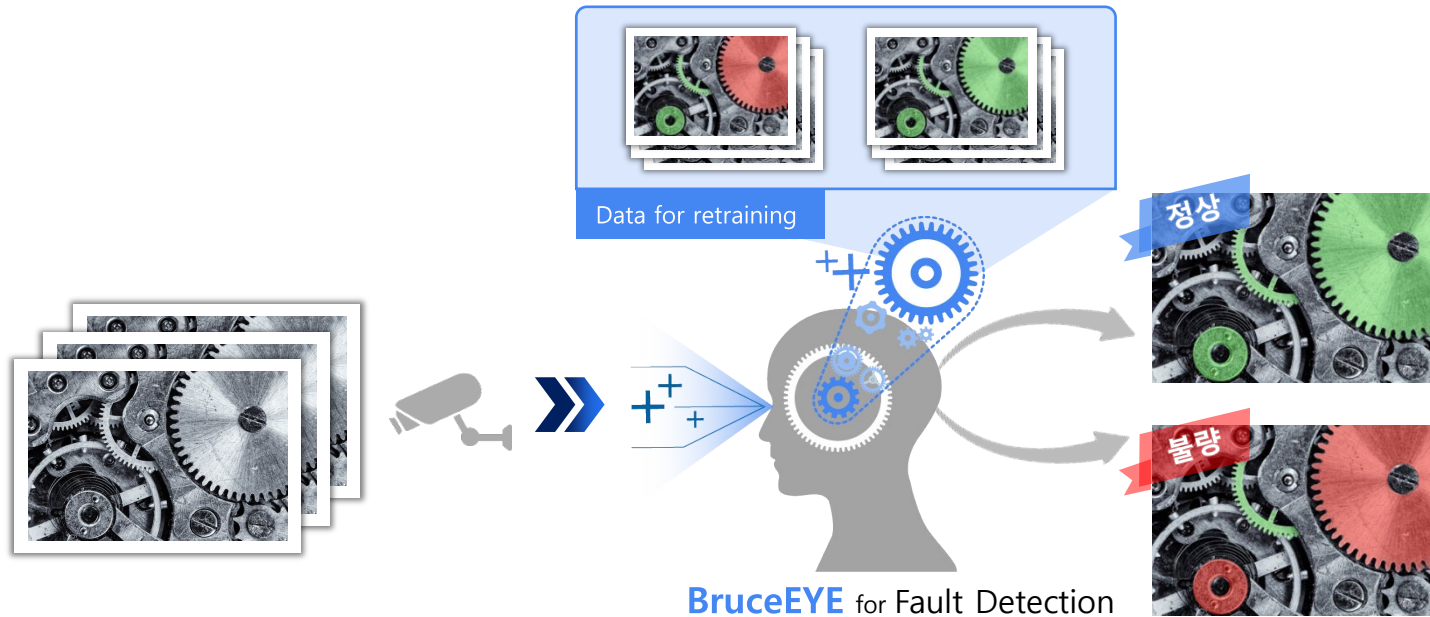
- Detect and determine anomalies with video from surveillance areas
- More effective surveillance with fewer people

Application case BruceEYE for Scrap Metal Classification – AI for Classification/Evaluation



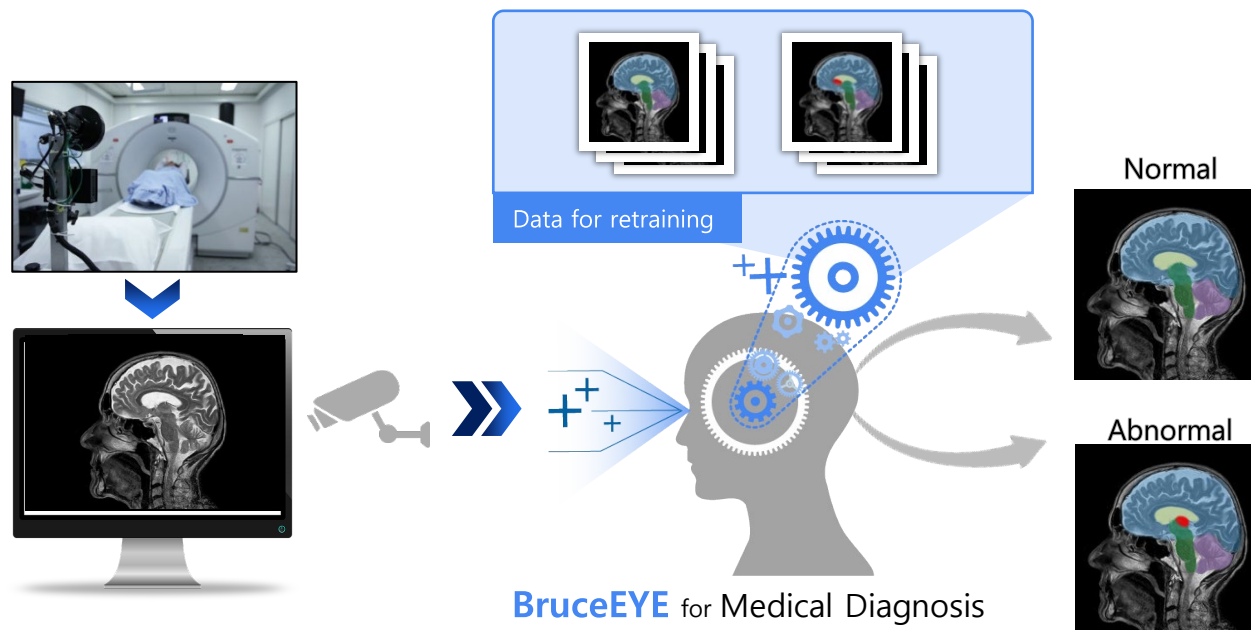
- Effective scrap metal sorting and assessment with real-time scrap metal video
- Quickly and accurately identify ferrous scrap that is difficult for humans to recognize

Application case BruceEYE for Fault Detection – AI for Quality Control



- Easily detect bad products with product images
- Determine defects that are difficult for humans to recognize

Application case BruceEYE for Medical Diagnosis – AI for disease diagnosis



- Diagnose/predict disease and personalize prescriptions with imaging data
- Collaborate with experts to increase diagnostic accuracy

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