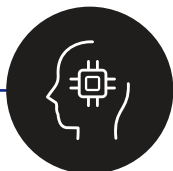
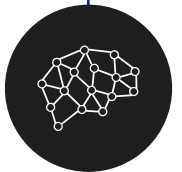


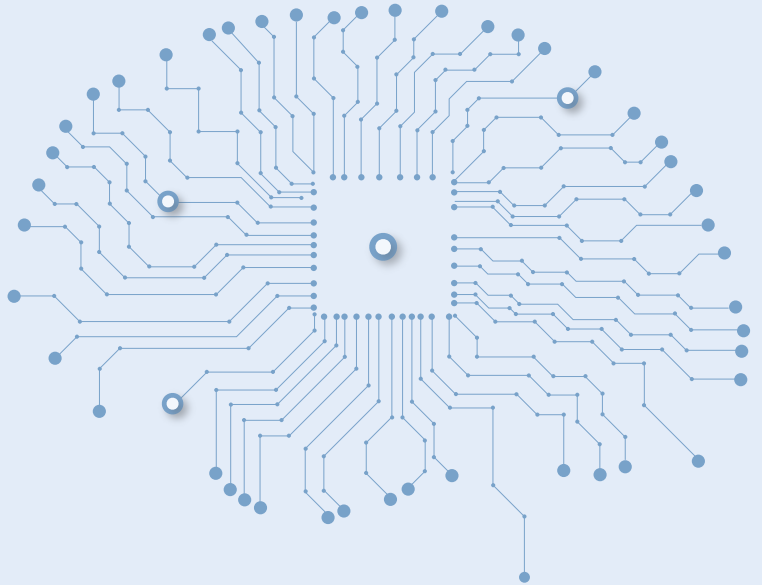


코드비전 주식회사

CODE VISION

AI R&D Specialist
Transform your industry with Codevision





- Codevision Inc.
- Data Solution/Consulting
- Codevision AI Service
- Key References

Codevision Inc.



Name : Codevision Inc.

CEO : Eungyeol Song

Tel. : +82 2-2088-6624

Foundation : November, 2018

Address : <http://codevision.kr>

Business Overview



AI Data

AI data construction and data processing



Artificial Intelligence

AI research & development, middleware construction



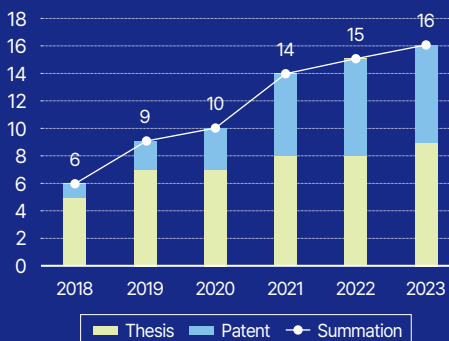
AI Platform & Application

AI platform and application development

Research / Technology Accomplishment

· AI Journals : 9 · AI Patents : 7

Accumulated AI R&D accomplishment



Government Support Project Accomplishment

- Selected for the AI Voucher Project in 2020-2023
- Selected as a superior case in the 2021 AI Voucher Program
- Selected for the Data Voucher Project in 2020-2023
- Selected as a superior case in the 2021 and 2022 Data Voucher Program



<https://url.kr/3jcr15>

Data Solution/Consulting

Codevision is proficient in constructing each stage of the entire data cycle.

We provide consulting services for data acquisition and customized data processing.

Our equipment enables the construction of data, overcoming the limitations of existing legacy equipment.



Why Codevision?

Actual Suitability

Codevision provides professional data process based on actual field experience.

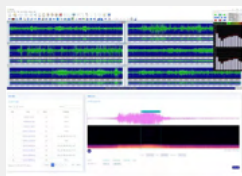
- We implement equipment in real industrial/manufacturing sites, advancing our understanding of data.
- We construct and process data from specific and dangerous industrial/manufacturing sites, based on practical knowledges to ensure the reliability and quality of data.

Customized Data Processing

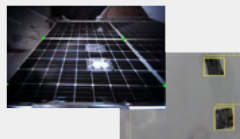
Codevision provides a data processing platform which caters to clients' specific needs.

Our own data processing platform can be customized as below.

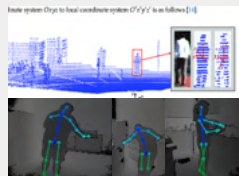
- labeling available for any data formats such as 1/2/3 dimensional, multi-dimensional data
- on-site installation or collaboration on clouds
- customize legal factors such as privacy and security



1-dimensiaonal labeling
(IoT, ultrasound, vibration)



2-dimensional labeling
(image, video)



3-dimensional labeling
(Depth, Lidar)



multi-dimensional
(N Dimension)

Data Accomplishment



A Superior Case in the 2021 Data Voucher Program
A Superior Case in the 2022 Data Voucher Program

Data Use Cases



Biometric data (tongue)
construction / processing



Polysomnographic data
construction / processing



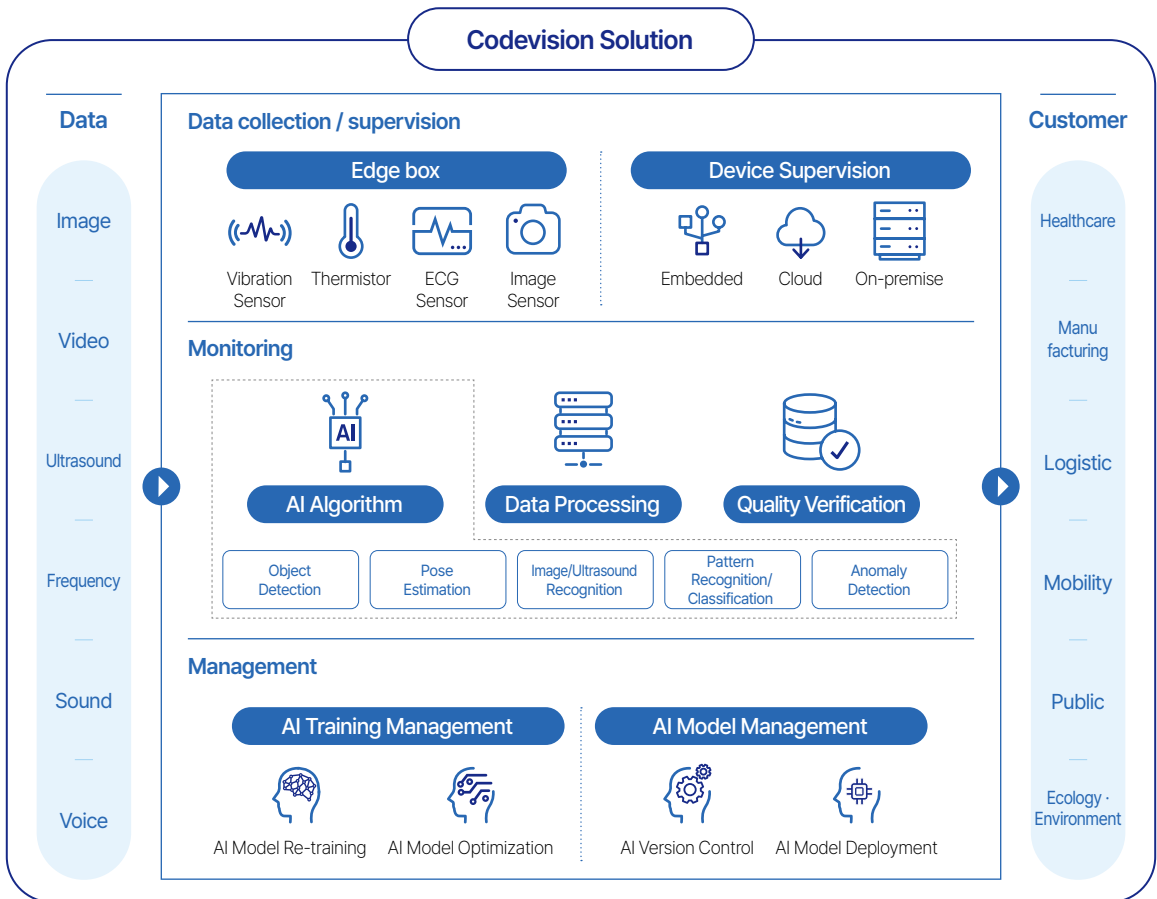
Golf behavior and
posture data
construction / processing

Codevision AI Service

Available solution

Codevision is specialized at an artificial intelligence research and development.

We provide artificial intelligence technology and solution in the fields specified below.



☑ Manufacturing / Industrial

- Algorithms with detection, recognition, estimation based on Clouds
- Algorithms with detection, recognition, estimation based on On-Premise
- Speed : real-time prediction with lightweight algorithm
- Accuracy : optimized algorithm with high performance

☑ Service

- Developing service pages and admin pages for easy management
- Proven high performance compared to existing AI-related services
- By using API, increasing compatibility and reducing maintenance costs by more than 30%

☑ Predictive Maintenance

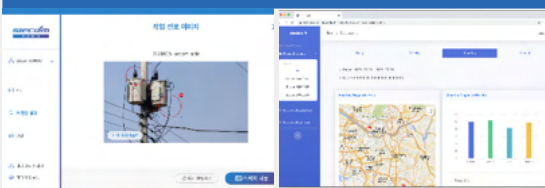
- Providing our own methods based on multi-dimensional signals (vibration, temperature, humidity)
- Providing algorithm including on-site training system for 4 weeks
- Providing over 90% prediction performance
- Saving 10% energies and labor costs due to automatic process

☑ Professional / Specialized

- Providing specialized AI models for fields requiring experts such as medical, mobility, public areas
- Advancement specialized AI by focusing on vertical data through training and re-training modules

Key References

Electric power equipment failure detection



AI Tech

Prediction

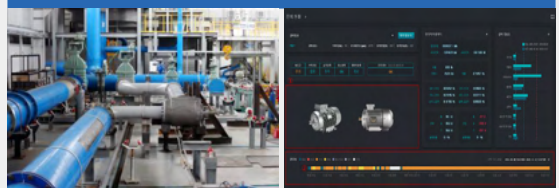
Target

Electric facilities

Device

Cloud/On-premise

Prognostics and Health Management (PHM) solution



AI Tech

Prediction

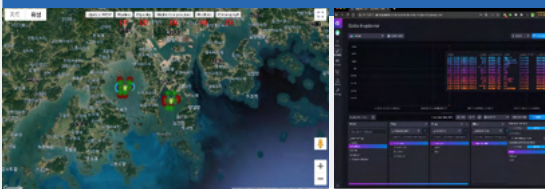
Target

Motor facilities

Device

Cloud/On-premise

Underwater monitoring and red-green algae prediction using marine robots



AI Tech

Prediction

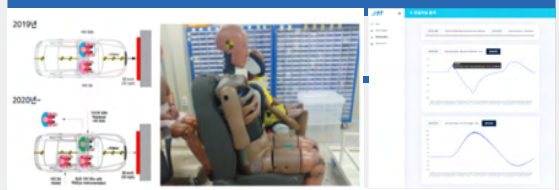
Target

Marine / Ocean

Device

Cloud

Car crash test evaluation and dummy analysis



AI Tech

Prediction

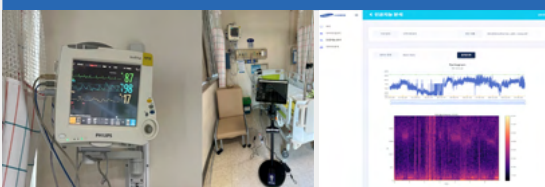
Target

Dummy

Device

Cloud

Polysomnography analysis and diagnosis assistant



AI Tech

Prediction

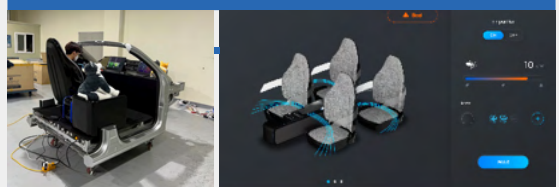
Target

Patient

Device

Cloud

Mobility occupant recognition and indoor analysis



AI Tech

Detection

Target

Human, Dog

Device

On-premise

Solar panel defect detection solution



AI Tech

Detection

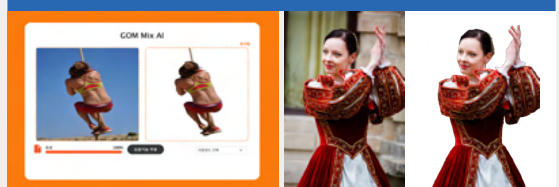
Target

Solar Panel

Device

On-premise

Video background removal solution



AI Tech

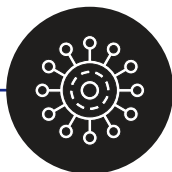
Detection

Target

Human

Device

Cloud



Codevision Inc.

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