November 14, 2022
Cybercore Co., Ltd.

Cybercore's Edge AI person tracking demo using Re-ID technology will be exhibited in the DTS Insight, Inc. booth at "EdgeTech+ 2022".

Cybercore, Co., Ltd. (Headquarters: Morioka City, Iwate, Japan; President: Hideshi Abe; hereinafter referred to as "Cybercore") will demonstrate an edge AI person tracking system based on our Re-ID (Re-Identification) technology at the booth organized by DTS Insight (headquartered in Shibuya-ku, Tokyo, Japan; Isao Asami, President & CEO; hereinafter "DTS Insight"). "EdgeTech+ 2022: The Latest Technologies and Connections to Drive Business Transformation" will be held at Pacifico Yokohama from November 16 (Wed) to November 18 (Fri), 2022.

About Our Demonstration Exhibition

Re-ID technology identifies people and objects captured across multiple cameras by extracting their features, enabling them to be tracked across cameras. In addition, even if a person or object is out of the view from a single camera, it can be re-recognized when it reappears. (See *Figure 1*)

We will be exhibiting a systemized version of Cybercore's Re-ID algorithm, which was rated the world's most accurate in the field of vehicle re-identification by “Papers with Code”, a website that collects and evaluates papers from around the world (announced in April 2021), implemented on a DTS Insight edge AI device.

The Re-ID technology can be used to provide solutions in a variety of scenarios, including human flow analysis, people tracking, public transportation OD surveys, and object tracking. Furthermore, by operating Re-ID technology on edge devices, it is possible to solve issues such as tracking accuracy, real-time performance, communication costs, personal information protection, and view angle.

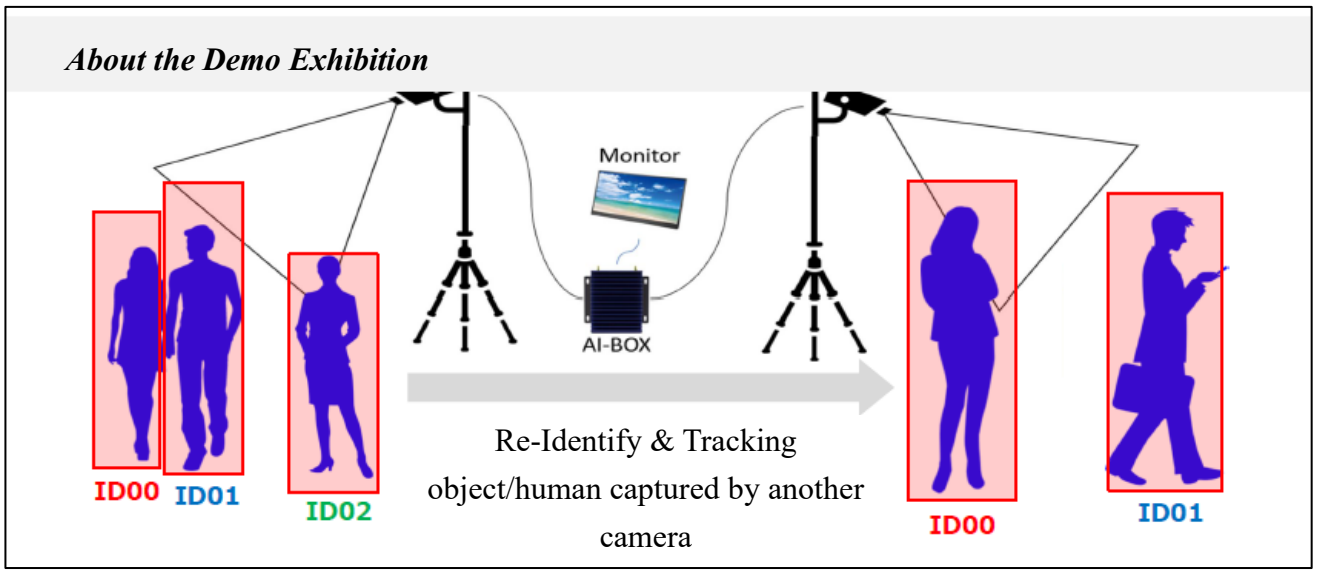

Figure 1

About the Company

Since its establishment in 2007, Cybercore has specialized in developing image AI technologies and established originally developed technologies such as sharpening and model compression. We have delivered our proprietary technologies to a variety of industries and fields, including security, retail, public transportation including railroads and highways, factory automation (FA), and automotive.

In addition, Cybercore have won first prize in the 2021 and 2022 AI international competitions at *CVPR*, one of the world's largest conferences in computer vision.

With offices in Morioka, Tokyo, and Ho Chi Minh City, Cybercore continues to hone its technology in a diversity-rich culture. For more information, please visit Cybercore's official website.

◆***Company Outline***

Company Name: Cybercore Co., Ltd.
Representative: Hideshi Abe, Representative Director and CEO
Official Homepage: https://www.cybercore.co.jp/

◆***Inquiries***

Please click here here for inquiries.

End