



## Free Edge AI Source Code Now Available to Actcast Partners

We aim to support Edge AI development and activate the ecosystem by providing the source for our applications

August 4, 2020  
Idea Inc.

Tokyo, August 2020 -- Idea Inc. is pleased to announce that it has decided to provide the source code and trained models of edge AI applications (hereinafter "Edge AI") running on the Actcast, our edge AI platform, to the companies participating in Actcast Partners (hereinafter "Partners") for free.

Partners can easily develop Edge AI by utilizing the Actcast SDK and the free Edge AI source codes and trained models. Partners will be able to use the Edge AI for their own business or sell it in the Actcast marketplace. We will continue our efforts to accelerate the adoption of Edge AI/IoT systems.

### List of Edge AI for which the source codes are provided free of charge

We provide 13 highly versatile Edge AI source codes at no cost to Partners. These are fast-running Edge AI source codes and highly accurate trained models developed using our technology and running on the Raspberry Pi, which will significantly lower the burden of developing Edge AI.

【Demo Video】 "Visitor's Age and Gender Analysis"

<https://youtu.be/MKTvxXjQMq8>





【Demo Video】 “Facial Recognition (using Actcast and Amazon Rekognition)”

<https://youtu.be/3YPkUL5cxcw>

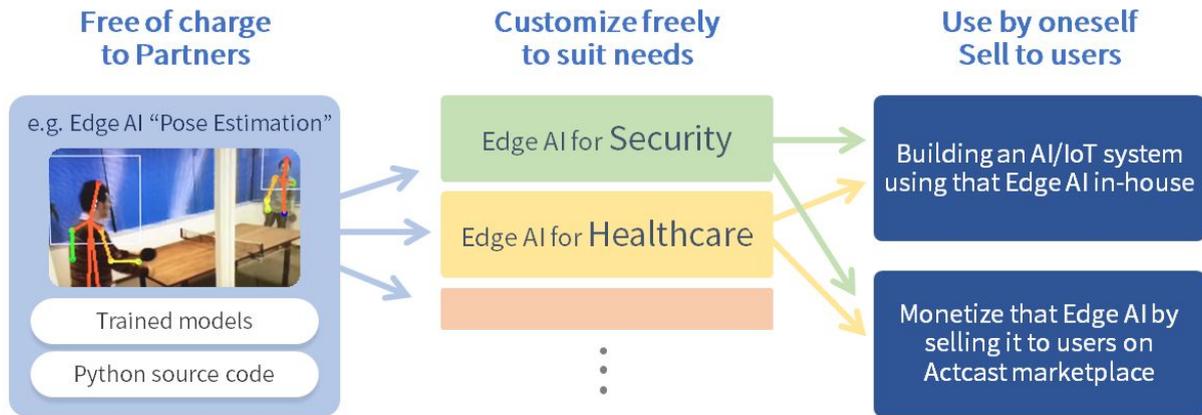


The following is a list of Edge AI for which the source code and trained model is provided free of charge. Please click the link below to view the video for reference on our official YouTube channel ( <https://www.youtube.com/c/IdeinInc/videos> ). We will continue to add free source code and trained model of Edge AI to our partners in the future. We have plan to provide additional free source codes and trained models of Edge AI to Partners.

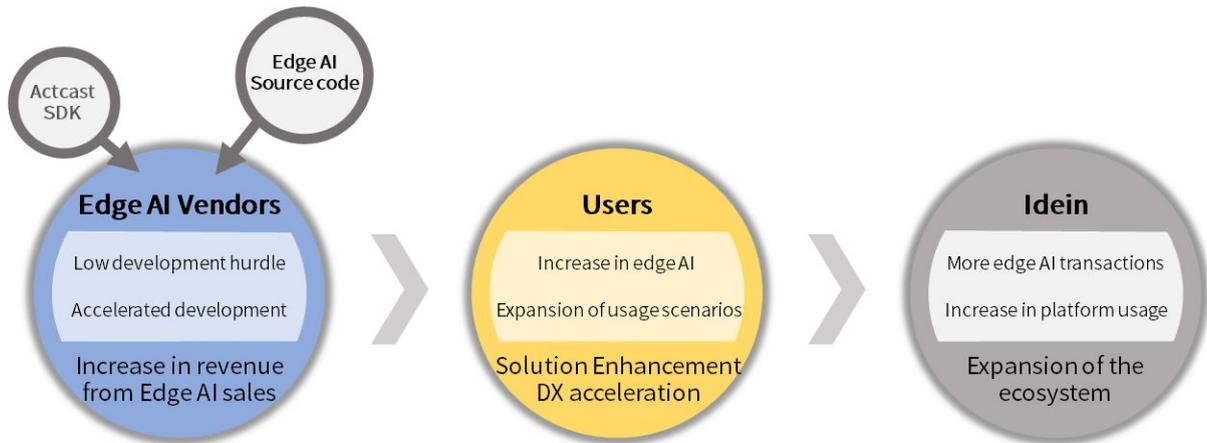
- Face Tracking
- Person Tracking
- Pose Estimation
- Facial Expression Recognition
- Facial Landmark Detection
- People Counter
- Congestion Monitoring (Crowd Counting)
- Person Re-Identification
- Style Transfer
- Visitor's Age and Gender Analysis
- Visitors' Age and Gender Analysis Multiple Detection Areas
- QR code reader
- ImageNet Classification

### **Benefits for Partners by Providing Edge AI Source Codes and trained models**

Since Partners need to do is to "customize the existing source code to suit your own use", Edge AI development becomes overwhelmingly easy. In addition, they can use the Edge AI which they customize and develop with their own, or sell it on the marketplace to users.



We will build a win-win-win relationship with Partners and users by reducing the workload of developing Edge AI. These initiatives and future support for a variety of devices other than Raspberry Pi will further strengthen and expand the Actcast ecosystem.



**Actcast** ( <https://actcast.io/> )

Actcast is a platform which is installed in our unique acceleration technology that enables high-accuracy edge AI analysis on general-purpose devices that are easy to procure and inexpensive, enabling remote management (app installation, switching, updating, etc.) of large numbers of edge devices on the Web. It can be used in a variety of fields, including security, industrial IoT, retail marketing, and MaaS. In AI/IoT systems, there is a big trend to utilize not only the cloud, but also the computational resources at the edge, but there are still challenges in the practical use of these resources. We developed Actcast as an innovative technology and platform to solve the problems.





## Actcast Partners

Actcast Partners is the partner program that aims to develop solutions and support businesses that use Actcast. As of today, over 60 companies are participating as partners, and their attributes are diverse advanced AI algorithm developers, system developers and business enterprises.



An excerpt from our website. Click here for a detailed list. <https://actcast.io/>

The program provides participating companies with the opportunity to co-creation within the ecosystem and the following benefits:

- Introduction from/to other partners
- Early access to technology and features before they are released to the public
- Invitation to workshops and events
- Introduction from/to customers
- Introduction of Actcast use cases
- Support for marketing activities
- **Providing Edge AI Source Codes and trained models**

To obtain and use Edge AI source codes and trained models, you must join Actcast Partners (free of charge). Please refer to the following URL for the application procedure.

[https://actcast.io/docs/ja/files/partner\\_program.pdf](https://actcast.io/docs/ja/files/partner_program.pdf)

## About Idein

Idein is a startup with high technological capabilities that has made accelerating deep learning Inference on the Raspberry Pi, an inexpensive general-purpose device. Idein has developed Actcast(<https://actcast.io/>), the edge AI platform using the technology, and provides services to developers and companies that develop, implement, and utilize practical AI/IoT systems. Together with our partners, we will continue to contribute to the popularization of AI/IoT systems.



**Actcast**

URL: <https://actcast.io>

twitter: <https://twitter.com/actcastio>

Contact information: [contact@actcast.io](mailto:contact@actcast.io)

**Idein Inc.**

Location: 1-105 Kanda Jimbocho, Chiyoda-ku, Tokyo

Representative: Koichi Nakamura

URL: <https://idein.jp>

Contact information: [info@idein.jp](mailto:info@idein.jp)