## **News Release**



# INCJ to make follow-on investment in Oscar Technology Corporation A venture company providing software parallelization technology

**Tokyo, October 10, 2018**— INCJ, Ltd. (INCJ) announced today its decision to make a follow-on investment of up to JPY 600 million in growth capital in Oscar Technology Corporation (Oscar Technology), a provider of software parallelization technology<sup>1</sup>, and the completion of JPY 200 million of this investment through a third-party allocation of shares. New investors in this round of financing include Mirai Creation Fund and Sansei Capital Investment Co., Ltd..

As software has become increasingly developed in recent years, the introduction of multicore technology through which multiple CPU's (Central Processing Unit) are mounted on one large scale integrated circuit is accelerating. The use of multicore technology enables improved processing speed and greater energy efficiency, but because most current software is designed for single core systems, there is a demand for parallelization technology that can ensure performance commensurate with the number of cores.

Established in 2013, Oscar Technology is a venture company whose mission is to commercialize automatic parallelization technology developed at Waseda University. Oscar Technology provides services that allow for the parallelization of sequential programs, achieving higher processing speeds and increased energy efficiency on multicore CPU's. As a result, the company expects the use of this technology to expand in areas such as automotive and industrial machinery where complex software and multiple control processing are a necessity.

INCJ made a JPY 200 million investment in Oscar Technology in March 2017, and since then has worked to support the company's management and business. Since that investment, the company has successfully commercialized an automatic parallelization software package capable of running sequential programs on multicore processors. This founds will be used as development to expand the number of supported programming languages and to improve the software's parallelization functions and user interface.

With the growing need for high-performance software amid the fourth industrial revolution, INCJ hopes that through this follow-on investment, the technology developed by Oscar Technology will contribute to the development of the industry as a whole. INCJ also aims to establish a venture ecosystem through supporting industry-academia collaboration among large corporations and university-originated ventures, accelerating open innovation.

### About Oscar Technology Corporation

Established: 2013

Headquarters: Shinjuku city, Tokyo

Representative: Takahiko Ono

Business Outline: Software parallelization service and consulting

Oscar Technology Corporation is a venture company established in 2013 by Katsuhiko Shirai, a former executive director of Waseda University, together with Waseda University officials including Professor Takahiko Ono, Emeritus Professor Shuichi Matsuda, Professor Hiroki Kasahara and Professor Keiji Kimura, as well as industry leaders. Oscar Technology Corporation promotes technological innovation in software by licensing patents owned by Waseda University's Professor Kasahara and Professor Kimura and takes on the responsibility for commercialization of this technology through research and development with Waseda University. Consequently, the management philosophy is to achieve a more comfortable living environment by improving the convenience of IoT and information systems as well as reducing the environmental burden.

#### About INCJ, Ltd.

INCJ, Ltd. was established in September 2018 via company split from Innovation Network Corporation of Japan (INCJ). INCJ was established in July 2009 with the aim of overcoming boundaries between companies and industries, creating and nurturing key industries via open innovation for the prosperity of future generations, and the company has changed its name to Japan Investment Corporation (JIC) and begun new activities. INCJ, Ltd. will continue the activities of INCJ, engaging in "Value Up" activities such as overseeing additional investments, milestone investments and exits from investments in portfolio companies until March 2025.

URL: http://www.incj.co.jp

<Press Contacts>
Japan Investment Corporation
Communications, Irie, Sakai
Tel. (03) 5218-7202

#### **Appendix**

#### **Overview of Follow-on Investment Decision**

**Target: Oscar Technology Corporation** 

Established: 2013

**Headquarters:** Shinjuku city, Tokyo

Representative: Takahiko Ono

Business Outline: Software parallelization service and consulting

#### **Overview of investment**

**Authorized investment:** JPY600 million (maximum)

**Amount invested:** JPY200 million (milestone investment)

Investment announcement: October 10, 2018

Co-investors: Mirai Creation Fund and Sansei Capital Investment Co., Ltd

#### **Details of previous investment:**

- Investment announcement: March 21, 2017

- Authorized investment: JPY200 million (maximum)

- Amount invested: JPY200 million

- Press Release https://www.incj.co.jp/news/upload/docs/1490073659.01.pdf

Investment structure diagram: See appendix

#### Significance of investment

#### Supporting social needs:

• This investment will strengthen Japan's competitiveness of embedded device and software industries via the development of high-performance software for use in the automotive industry (responding to stronger fuel efficiency regulations and the development of self-driving and connected cars) and Industry 4.0.

#### **Growth potential:**

- Oscar Technology provides services that allow for the parallelization of sequential programs, achieving higher processing speeds and increased energy efficiency on multicore CPU's.
- INCJ expects the use of this technology to expand in areas such as automotive and industrial machinery where complex software and multiple control processing are a necessity.

#### Innovation:

· Creating a global leader through industry-academic-government cooperation by

- supporting the commercialization of university-developed technologies.
- · Creating an example for the successful commercialization of university-developed technologies in the software industry.

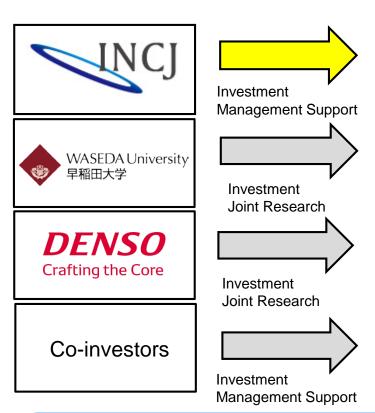
## **Oscar Technology Corporation**

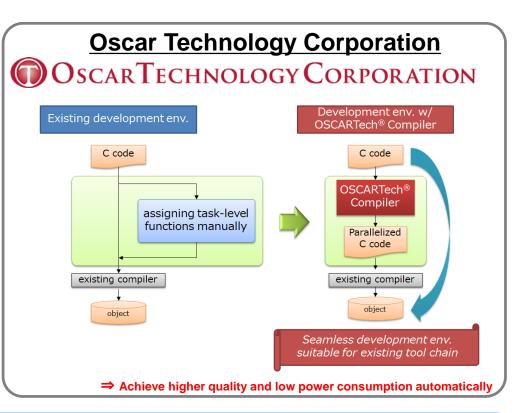


Target: Oscar Technology Corporation

**Business Outline**: Development of automatic parallelization technology for software **Authorized Investment**: 200 million JPY (maximum)/ 600 million JPY (maximum)

Date of Announcement: March 21, 2017/ October 10, 2018





- Create a success story to commercialize technology formed from academia in the software field
- Achieve commercialization through industry-academia-government collaboration
- Strengthen Japan's competitiveness in embedded machinery and the software field as software performance improves with Industry 4.0 and in the automotive industry (strengthening of fuel efficiency, progress of automatic operation and connected cars)