

Press Release

8 June, 2017

TransferJet Consortium Incorporated Association

**TransferJet Consortium: International standard completed for high rate close proximity wireless communications exceeding 10 Gbps data rate**

*Instantaneous transfer of large data will contribute to the advancement of our IoT society*

TOKYO, JAPAN, 8 June 2017 – The TransferJet Consortium and four of its Promoter member companies (Sony Corporation, NTT Corporation, Japan Radio Company Ltd. , and Toshiba Corporation) led a group at IEEE to successfully develop the IEEE 802.15.3e standard amendment addressing the needs of a high rate, close proximity wireless transfer having speeds in excess of 10 Gbps. Expanding on the basic concept of TransferJet, this new standard maintains the intuitive ease-of-use and can instantly transfer any type of data including large 4K definition and VR (virtual reality) video files. In addition, the required connection setup time has been reduced to 2 msec or less, allowing new usage scenarios such as the delivery of content while walking through ticketing gates. ETRI (Electronics and Telecommunications Research Institute) of South Korea has also been an active participant and key contributor of various sections of this standardization effort

The TransferJet Consortium will further build upon this standard and develop the total technology and solution as "TransferJet X".

With the advent of products and systems incorporating TransferJet X handling a growing amount of content traffic and complementing current mobile networks the overall performance is expected to improve. In addition, TransferJet X is expected to drive the growth of new services and applications.

HRCP Research and Development Partnership (<http://www.HRCP.jp/en>) is in charge of the development of SoC (System-on-a-Chip) implementations of TransferJet X.

Specifications:

Carrier frequency	60 GHz band
Maximum data rate (for SISO*)	13.1 Gbps (using 256 QAM)
Connection setup time	2 msec or less
Connection topology	1-to-1, bi-directional

\* SISO: Single-Input, Single-Output



Figure 1. Pick up content instantaneously while walking through the ticket gates



Figure 2. Instantaneously download content (apps, software) or upload personal files (videos and photos) from kiosk stands

## About TransferJet Consortium (<http://www.transferjet.org>)

TransferJet Consortium was established in 2008 to develop the technology, products and services based on *TransferJet* wireless technology. It was transformed to Incorporated Association on 2011. The consortium focuses on the technical specifications, compliance testing processes and tools, and promotional marketing activities.

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