

## Notice of Capital Tie-up with MTES

TOPPAN FORMS CO., LTD. (hereinafter the “Company”) is pleased to announce that it has formed a capital and business partnership with MTES Co., Ltd. (Head office: Chuo-ku, Tokyo; Managing Director: Takaro Harada; hereinafter “MTES”), and that it will also own part of the capital increase through a third-party allocation conducted by MTES.

MTES provides IoT solutions utilizing LoRa\*<sup>1</sup>, a wireless platform capable of long-range transmission with low power consumption, in the energy and nursing fields. TOPPAN FORMS provides IoT solutions mainly in the field of highly functional and high-quality RFID through research and development and manufacturing in Japan. By combining the Company’s radio-frequency identification (RFID) technology and MTES’s LoRa technology, this partnership aims to promote the development of more widely applicable and one-of-a-kind IoT solutions and enhance the IT innovation business.

### 1. Objectives of the partnership and its future development

This capital and business partnership aims to develop and provide IoT solutions that can be applied to a broad range of fields including the manufacturing, logistics, medical and nursing fields by combining the advantages of both companies.

The LoRa technology of MTES features robust connections, high security and superb area coverage and data capacity. In the meantime, the Company is capable of developing and providing a wide variety of high-quality RFID tags tailored to the usage environment of each customer through its proprietary antenna design technology.

The two companies will promote the development and provision of highly scalable IoT solutions capable of carrying out processes ranging from data acquisition to data interchange with high-order systems in a highly secure environment by taking advantage of the strengths of both companies. Through the creation of the new business foundation, the Company aims to achieve sales of 3.5 billion yen in FY2020 in the related business.

## 2. Overview of the Party for Capital Tie-up

(i) Company Name	MTES Co., Ltd.
(ii) Location of Head Office	MIYAMA Building 8F, 1-8-2 Shintomi, Chuo-ku, Tokyo
(iii) Representative	Managing Director: Takaro Harada
(iv) Description of business	EMS (energy management service) business, Development, manufacturing and sales of environment-related products, Rooftop solar photovoltaic business, IoT solution business, Development and sales of CNT environment-related products
(v) Capital	140,575,000 yen
(vi) Founded	March 2015
(vii) URL	<a href="http://mte-s.co.jp/">http://mte-s.co.jp/</a>

\*1: LoRa is a type of Low Power Wide Area (LPWA) communication standard that covers a wide range with lower power consumption and mainly utilizes the 920MHz band in Japan.