

The beginning of jointly considering a strategic approach to the creation of next-generation smart transportation and factories

SUNCORPORATION (Nagoya City, Aichi, Japan, President and CEO: Ryusuke Utsumi, hereinafter "The Company ") and NAGOYA ELECTRIC WORKS CO., LTD. (Ama City, Aichi, Japan, President and CEO: Takaaki Hattori, hereinafter "NAGOYA ELECTRIC WORKS") have started considering a strategic approach to the realization of next-generation smart transportation infrastructure.

1. Background and objectives

Japan's various social infrastructure facilities were constructed during the period of rapid economic growth and are now facing concerns about accelerated deterioration in the coming years. In particular, roads, bridges, tunnels, rivers, and sewer systems constructed during that period are expected to see a rapidly increasing ratio of facilities that will be over 50 years old within the next 20 years. Given this situation, it is essential to strategically maintain, manage, and update aging infrastructure. Additionally, in order to address the growing need for labor-saving measures in an aging society, we recognize the necessity to strengthen the use of IoT technologies such as cameras and sensors capable of AI-based image recognition. With this understanding, we have decided to initiate strategic joint discussions aimed at advancing the automation and efficiency of social infrastructure through digital transformation, with the goal of achieving significant improvements in on-site productivity and workplace reform while these efforts will begin with the development of next-generation smart transportation infrastructure.

2. Content of the joint review

Measure 1: Smart traffic information system

By integrating our IoT technology with road information provision devices, we will provide real-time information on wildlife damage, weather, and disasters, enabling the rapid provision of locally relevant information to drivers. This will allow us to leverage NAGOYA ELECTRIC WORKS 's social infrastructure business while creating a new data utilization service market and expanding revenue opportunities in the transportation infrastructure field.

Measure 2: Implementation of smart factories through a safety management system

In order to ensure the safety of the workers at manufacturing plants, we will introduce a real-time monitoring system that utilizes IoT sensors and AI. By leveraging the assets of NAGOYA ELECTRIC WORKS and applying our technology across the board, this initiative will establish

a new line of service in the manufacturing industry's digital transformation market and strengthen our revenue base.

3. Future prospects

The Company and NAGOYA ELECTRIC WORKS will contribute to the realization of smart cities by jointly developing solutions and marketing them both domestically and internationally while promoting the digitization of transportation infrastructure, and aiming to build a sustainable society.

【About NAGOYA ELECTRIC WORKS】

NAGOYA ELECTRIC WORKS contributes to the development of social infrastructure that supports smooth road traffic through the manufacture and sale of various information provision systems including road information boards. Under its corporate mission of “In order to realize a safe, comfortable, and prosperous society, we constantly seek 'NEW WAYS' and deliver new values" the company is also putting effort into creating new solutions in order to respond flexibly to rapidly changing social challenges and technological advances.

【For media inquiries, please contact】

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