

For immediate release

Mitsui Fudosan Co., Ltd.

**Mitsui Fudosan will Install an Entrance/Exit Security System with Facial Recognition Technology  
at the New Nihonbashi-Muromachi Mitsui Tower**

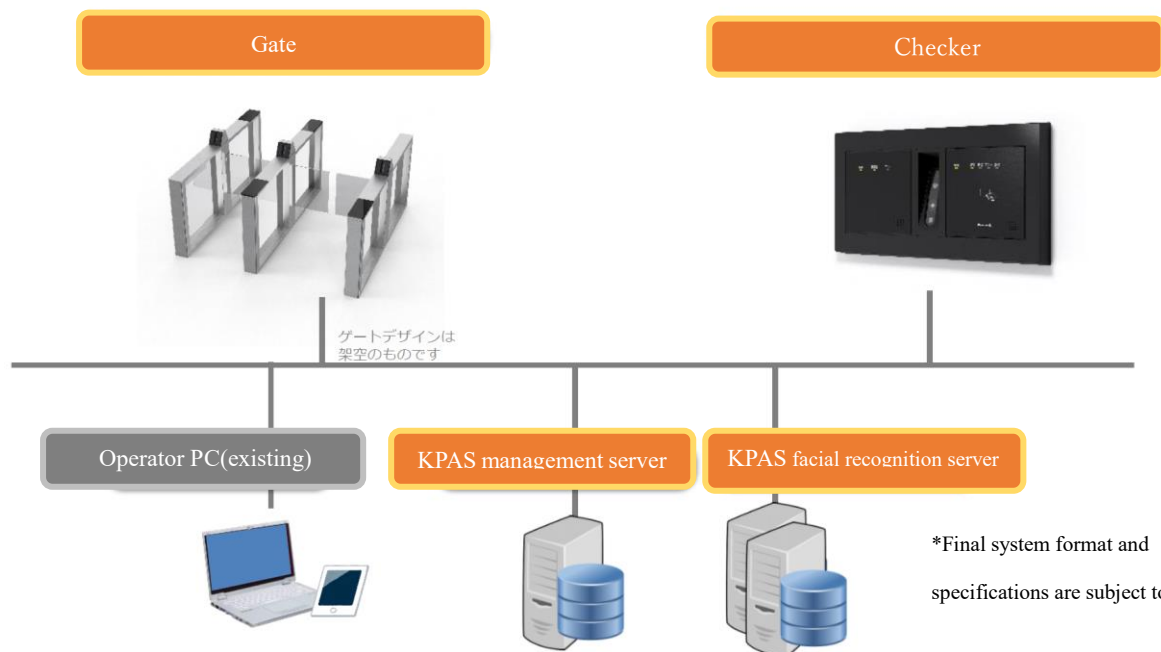
**Mitsui Fudosan Begins Field Testing on Payment System Using Facial Recognition  
at Ginza 6-Chome-SQUARE**

Tokyo, Japan, February 21, 2019 - Mitsui Fudosan Co., Ltd., a leading global real estate company headquartered in Tokyo, announced today that in line with its relocation to Nihonbashi-Muromachi Mitsui Tower in August 2019 (building scheduled for completion in March 2019), an entrance/exit security system with facial recognition technology will be installed on the floors occupied by the Company in order to improve convenience for employees and strengthen office security. In addition, field testing will begin in April 2019 on a payment system that uses facial recognition technology at Ginza 6-Chome-SQUARE, the office building the Company currently occupies.

Mitsui Fudosan promotes the use of various ICT technologies at the office buildings it operates and manages in order to increase office worker convenience and productivity, enhance facility security and raise the added value of building management. The Company intends to leverage the expertise and practical know-how it acquires from installing the entrance/exit system and field testing the payment system, both using facial recognition technology, in its urban development, office design, office services and other activities going forward.

**1. Entrance/exit security system with facial recognition technology**

Mitsui Fudosan is installing a special-order system it has created jointly with Panasonic Corporation based on Panasonic's KPAS entrance/exit security & office visualization system (\*1) at the entrance doors to the dedicated office space it will occupy and at the security gate in the elevator hall. The system is comprised of a gate, checker (device for dedicated space entrance), management server and facial recognition server. The facial data can be batch-registered with photographs, so the burden on administrators is minimal. The data is also expected to prevent impersonation with borrowed cards and unauthorized entrance, as well as reduce the risk of lost cards and the cost of their reissue.



\*Final system format and specifications are subject to change.



Security gate



Security gate device



Checker (device for entrance to dedicated space)

[Features and Benefits]

- Enables hands-free entrance/exit
- Prevents unauthorized entrance using a borrowed card
- Reduces card loss risk and reissue costs
- Facial data can be batch-registered with photographs
- Function to prevent impersonation

(\*1) <https://panasonic.biz/cns/invc/kpas/> (Japanese)

## 2. Payment system with facial recognition technology

Mitsui Fudosan will be field testing a facial recognition-based payment service(\*2) that uses NeoFace, a facial recognition AI engine provided by NEC Corporation (“NEC”), at the Kakoi employee cafeteria in Ginza 6-Chome-Square, the building the Company currently occupies. The system allows users to easily register their own facial recognition data using a smartphone/tablet app. User credit card information is managed by the credit card company, and the facial data is managed by NEC’s facial recognition payment service, so retailers handle no personal information or credit card information, allowing them to lighten their own security measures.

Decisions will be made related to installation of the payment system on floors occupied by Mitsui Fudosan at Nihonbashi-Muromachi Mitsui Tower after continued evaluation and review of general biometric payment technologies, including facial recognition.

[Overview of field testing]

Purpose: Verify improvements to convenience with facial recognition

Location: Kakoi employee cafeteria on 9th floor of Ginza 6-chome-SQUARE

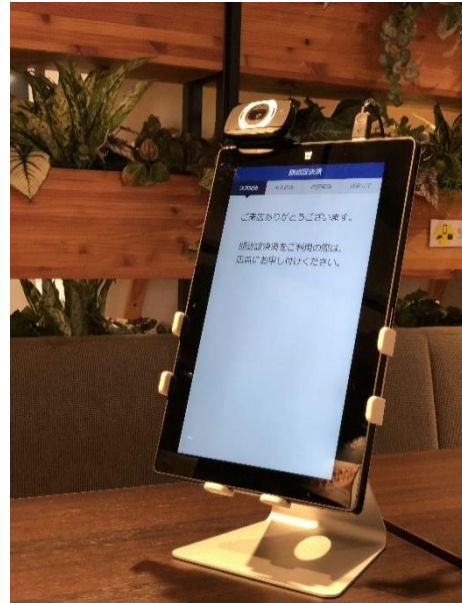
Period: From April 2019 to June 2019

Details of field testing :

- Users register their facial data and credit card information in the system
- When paying, the face photographed with the camera at the café is checked against the registered facial image
- If the faces match, the credit card is charged



Field testing overview  
(photographing, face image matching at payment)



Compact design with integrated  
tablet PC and camera

#### [Features and Benefits]

- Enables barrier-free payment
- Shortens cash register wait times when crowded
- Reduces cash management mistakes and workload at the retailer
- Increases sales opportunities towards customers who are not carrying around cash or credit cards

(\*2) [https://jpn.nec.com/fintech/face\\_settlement/index.html](https://jpn.nec.com/fintech/face_settlement/index.html) (Japanese)

Mitsui Fudosan uses the statement BEYOND THE OFFICE for its building business. Mitsui Offices will continue to provide distinctive office buildings that go beyond conventional concepts to generate new added value for customers, providing a place for new lifestyles catering to a variety of working and non-working times rather than simply being places to fulfill a job.

# BEYOND THE OFFICE

## MITSUI FUDOSAN