

September 1, 2023  
Medipal Holdings Corporation  
AIOI Systems Co., Ltd.

## Introducing Eco-friendly Electronic SCM Label using Smart Tag

MEDIPAL HOLDINGS CO., LTD. (Chuo-ku, Tokyo, President: Shuichi Watanabe, referred to as “MEDIPAL”) would like to announce its consolidated subsidiary, MEDICEO CO. LTD. (Chuo-ku, Tokyo, President: Kuniaki Imagawa, referred to as “MEDICEO”), has developed the electronic SCM Label<sup>\*1</sup> (referred to as the Label) with AIOI Systems Co., Ltd. (Shinagawa-ku, Tokyo, President: Yutaka Yoshino, referred to as “AIOI Systems”) and it has been installed at Hanshin ALC<sup>\*2</sup> today.

### 1. Background and Purpose

MEDIPAL is building a distribution system under the slogan "Building Sustainable Distribution" as part of its 2027 MEDIPAL Mid-Term Vision “Changing the Wholesale Forever – Tireless Innovation.”

MEDICEO plays an important role in the social infrastructure to deliver products safely, securely, and accurately. At the same time, as the social responsibility of the corporation, MEDICEO is aware of the importance of environmental issues and is making various efforts to make a sustainable society through its corporate activities.

MEDICEO and AIOI Systems jointly developed the Label that enables rewriting of SCM labels during conveyor transportation and introduced it for the first time of this kind applied in the pharmaceutical wholesale distribution center.

- (1) Reduction of paper resources and waste without paper labels (promotion of SDGs)
- (2) Without using paper labels, it significantly reduces the labor of labeling/peeling on the shipping boxes during bulk picking procedures. (labor saving)
- (3) Keeping the surface of the shipping boxes clean without using paper labels.

### 2. Features

- (1) Delete or rewrite the information on the display at high speed during conveyor transportation.
- (2) Number of display rewrites one million times and more without batteries.
- (3) Rewrite e-paper display by using NFC<sup>\*3</sup> enabled Smart Phone.
- (4) With NFC and UHF<sup>\*4</sup> functions, it allows to rewrite in the near distance and obtain ID from longer distance.
- (5) Water and dust proof with IP55<sup>\*5</sup> grade standard.

### 3. Next Step

The new Label system at “Hanshin ALC” is the beginning of our contributions to promote SDGs. We will continue to expand automatic operations, reduce resources and build eco-friendly distribution systems in other ALC’s.

※1 SCM label (Shipping Container Marking label)

※2 ALC (Area Logistics Center)

A high-performance distribution center that handles prescription drugs, medical supplies, clinical test reagents, etc. Mainly supplies products to pharmacies, hospitals, and clinics.

※3 NFC (Near Field Communication)

A technology that performs short-range wireless communication between antenna and Smart Tag.

Contactless power supply and communication capability.

※4 UHF (Ultra High Frequency)

Smart Tag ID can be obtained by using a radio wave (920 MHz band) from a distance of few meters.

※5 IP55 (Dustproof and waterproof standards classified grade by IEC (International Electrotechnical Commission) )

Class 55 protects against dust and water jets from any directions.

#### About MEDIPAL HOLDINGS CORPORATION

Office : 3-1-1 Kyobashi, Chuo-ku, Tokyo Japan 104-8461

Representative : Shuichi Watanabe, Representative Director, President and CEO

Business : As a holding company, MEDIPAL HOLDINGS controls, administers and supports the operating activities of companies in which it holds shares in the Prescription Pharmaceutical Wholesale Business; the Cosmetics, Daily Necessities and OTC Pharmaceutical Wholesale Business; and the Animal Health Products and Food Processing Raw Materials Wholesale Business, and conducts business development for the MEDIPAL Group.

Website : <https://www.medipal.co.jp/>

#### About AIOI Systems Co., Ltd.

Office : Omori Bellport Bldg. #E 9F, 6-22-7 Minami-Oi, Shinagawa-Ku, Tokyo, JAPAN 140-0013

Representative : Yutaka Yoshino, President & CEO

Business : Design, develop, manufacture and sell of:

1. Non-polar 2-wire network equipment
2. Logistic Systems
3. Various manufacturing support systems
4. Computer hardware and software

Website : <https://www.hello-aioi.com>