



October 25, 2018

To whom it may concern

TOKAI Holdings Corporation  
Katsuhiko Tokita, President & CEO  
(Code No. 3167 Tokyo Stock Exchange First Section)

## Launch of “Mimamoru AI GPS BoT”

### – Safety Children Tracking Service Utilizing AI and IoT –

TOKAI Holdings Corporation (Head office: Shizuoka City, Shizuoka Prefecture; President & CEO: Katsuhiko Tokita; hereinafter the “Company”) announces that it will enter into a partnership with Bsize Inc. (Head office: Yokohama City, Kanagawa Prefecture; President: Keita Yagi; hereinafter “Bsize”) and will start accepting applications from October 25, 2018 in regard to “Mimamoru AI GPS BoT”, a safety children tracking service utilizing AI and IoT.

“Mimamoru AI GPS BoT” is a service which accurately informs on a real-time basis a child’s current position and action history of the day to guardians located in a distance through a smartphone application by having them carry a small dedicated terminal (hereinafter “GPS BoT Terminal”). The service also has a function to inform, by PUSH Notice, when the child goes to and leaves school and comes back home. Such is done through AI which automatically learns places the child often goes to, including school and cram school. Furthermore, a function where behavior patterns different from usual are detected and automatically notified is planned to be added by end of FY2018.

Under the TLC (Total Life Concierge) vision, TOKAI Group has been offering comprehensive lineup of various lifestyle infrastructure services closely connected to people’s lives, including energy, information and communications, and CATV. The services are currently used by 2,880,000 customers. In addition to the Mimamoru AI GPS BoT service which will be launched, by utilizing the latest technologies including AI and Iot, the TOKAI Group will continue to aim to be a corporate group which contributes to customers’ lives.

#### ■ Overview of Mimamoru AI GPS BoT

- (1) Name  
Safety children tracking service “Mimamoru AI GPS BoT”
- (2) Details of Service (features)
  - 1) Display of information on latest position
    - User can check the positional information of the person subject to tracking (e.g. children and the elderly) via smartphone application screen updated at an interval of at least one to two minutes.
    - No troublesome connection setups are needed after opening the package and charging the GPS BoT Terminal - Just carry it around in school backpacks or other bags.
    - Indoors and underground locating, although difficult with ordinary GPS terminals, is possible. In addition to radio waves for ordinary GPS, waves for surrounding Wi-Fi access points and portable base stations are sensed by the GPS BoT Terminal.

\*There may be cases when locating cannot be made and deviation of several meters to several tens of meters occurs depending on environment.

- 3) Display of movement history
  - In addition to the history of movement to the present location, history for the past one week can be checked.
- 4) Display of brothers and sisters together in the screen
  - Positional information of multiple person subject to tracking (e.g. brothers and sisters) can be displayed in one screen. No additional charge will incur to the user regardless of the number of subjects being tracked.
- 5) PUSH Notice
  - In case of a child, timing of going to school, leaving school, and reaching home will be automatically informed to the user's (guardian) smartphone by PUSH notice. The user does not have to be troubled of constantly having to check the positional information of his/her child.
- 6) AI learning function
  - AI learning function learns living habits of the person subject to tracking. Daily use of the Application will allow AI to automatically identify the home and frequently visited places (e.g. school) in approximately one week, and suggest registering such places as the PUSH notification spots. Furthermore, a function which detects abnormality and notifies automatically when a child shows unusual behavioral patterns is planned to be added in the near future. Such patterns include significant deviation from the school zone when going to school.

(3) Service Structure

“Mimamoru AI GPS BoT” is a tracking service of positional information provided by Bsize.

- 1) The GPS BoT Terminal set inside school backpacks or other bags of person subject to tracking (children and elderly), automatically obtains positional information when it detects vibration such as when walking.
- 2) GPS BoT Terminal measures the position from radio waves of GPS and nearby Wi-Fi access points and portable base stations.
- 3) SIM (communication line) embedded in the GPS BoT Terminal uses the mobile communication network, encrypts the positional information and upload to the cloud storage.
- 4) Users can check the positional information of the person subject to tracking with the smartphone. The information is updated at an interval of at least one to two minutes.

(4) Price

- 1) Terminal charge: 4,800 yen / unit (not including tax)
- 2) Service charge: 480 yen / unit per month (not including tax)

(5) Application

Application can be made from the following website:

<URL> <https://www.bsize.com/bot/tokaigroup/>



**【Inquiries on Service】**

TOKAI Holdings Corporation  
 Next Generation Management Strategy Division, Cross-Selling Promotion Division  
 TEL: 054-685-5442