

MTT035-P03

Room: Convention Hall

Time: May 24 17:15-18:45

Cart-Time Navigator - Fusion of Digital and Analog Map

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The interface features a vertical sidebar on the left with the following elements:

- 時空ナビ** (Time-Space Navigator) logo at the top.
- A section titled "見たい時期を選択" (Select the period you want to see) with a green "左画面" (Left Screen) button and a dropdown menu set to "空中写真" (Aerial Photo).
- A section with an orange "右画面" (Right Screen) button and a dropdown menu set to "御維新と文明開化" (Meiji Restoration and Civilization).
- Coordinates: 経度: 139.745444, 緯度: 35.658537.
- Scale: 表示スケール: 1/4500.
- "地図操作ボタン" (Map Operation Buttons) including icons for zoom in, zoom out, and home.
- A green "1画面表示" (1 Screen Display) button.
- At the bottom, the text "(財) 日本地図センター" (Japan Map Center) and a logo.

The main display area is split vertically. The left half shows a modern aerial photograph of a city with a river and a large stadium. The right half shows a historical map of the same area, with buildings and streets in a different style. Both views include a scale bar at the bottom right indicating 0 to 100 meters.

We, Japan Map Center, HAYATO Information Co., Ltd., and Hisessyoku Technology Co., Ltd. have developed a multiple map presentation system, Called "Cart-time Navigator". This system is supported by Radio frequency identification tag (RF-tag).

"Cart-time Navigator" has following functions;

1. Location reference

User on the flooring map-sheet, lining with RF-tags, holds portable device with RF-tag reader stick. Touch any location on the map by reader stick, just after that, geo-code on RF-tag references the pointed location,

2. Fit for any device

User could choice any terminal device, as portable PC or cellular-phone, for displaying map information or aerial-photo image,

3. Switch any map information or aerial-photo

User could switch displayed image between every maps information and aerial photo. These images could be scrolled synchronized with reader stick movement.

Keywords: IC-Tag, Digital Geo-Saptial Data, Ortho Aerial-Photo, Old Edition Maps