Building a service platform for creation of new services by collaboration and cooperation of various components

Area Management Platform for Super Smart City

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Summary :

Using Yokohama Minatomirai 21 district as a target model, we will build a platform that can mount and visualize human flow data in three-dimensional cyberspace, including attribute information such as position information and spatial functions. This platform has the capability of processing the cyber-physical systems (CPS) cycle of collection, accumulation, analysis, integration (service design), and execution using the collected human behavior and human flow data. By its function, we can scientifically grasp the actual condition and flow of human behavior and human flow, which is the main component of cities; convert it to big data; tackle difficult modeling; and utilize the results of the simulation. This platform will promote collaboration among diverse stakeholders to create new value through various human-centered services related to disaster prevention, mitigation, marketing, etc. Our research and development affirms the concept of the system architecture, the social and economic impact, and the implementation scenario of this platform.

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