

First Public-private Monitoring Service in Japan

PROJECT ENTITY: Kakogawa City
LOCATION: Kakogawa, Hyogo

Background and progress

Kakogawa faced challenges including the highest number of criminal cases in Hyogo Prefecture and an increasing number of elderly with dementia going missing. Solutions to these problems required policies to strengthen the community and improve safety and security by preventing crime. Under the banner of “a city chosen by young families,” Kakogawa began public-private collaboration to introduce ICT systems with the aim of creating a safe and secure city. In order to increase satisfaction among residents and improve quality of life, it

About the project

Around 1,500 security cameras have been installed along streets, mainly around schools. The security cameras discourage crime, and are all connected to a communication network that enables rapid response when crimes occur (image data is strictly managed based on an ordinance regarding the installation and management of security cameras).

Moreover, detectors that receive signals from BLE tags are installed in the security cameras, and cameras and detectors are also mounted on the local delivery vehicles of cooperating private companies such as JAPAN POST Co., Ltd. Additionally, cooperation of local residents through a “Monitoring Volunteer App” for smartphones constructs an even more comprehensive monitoring network. The public-private monitoring system has earned a positive response from

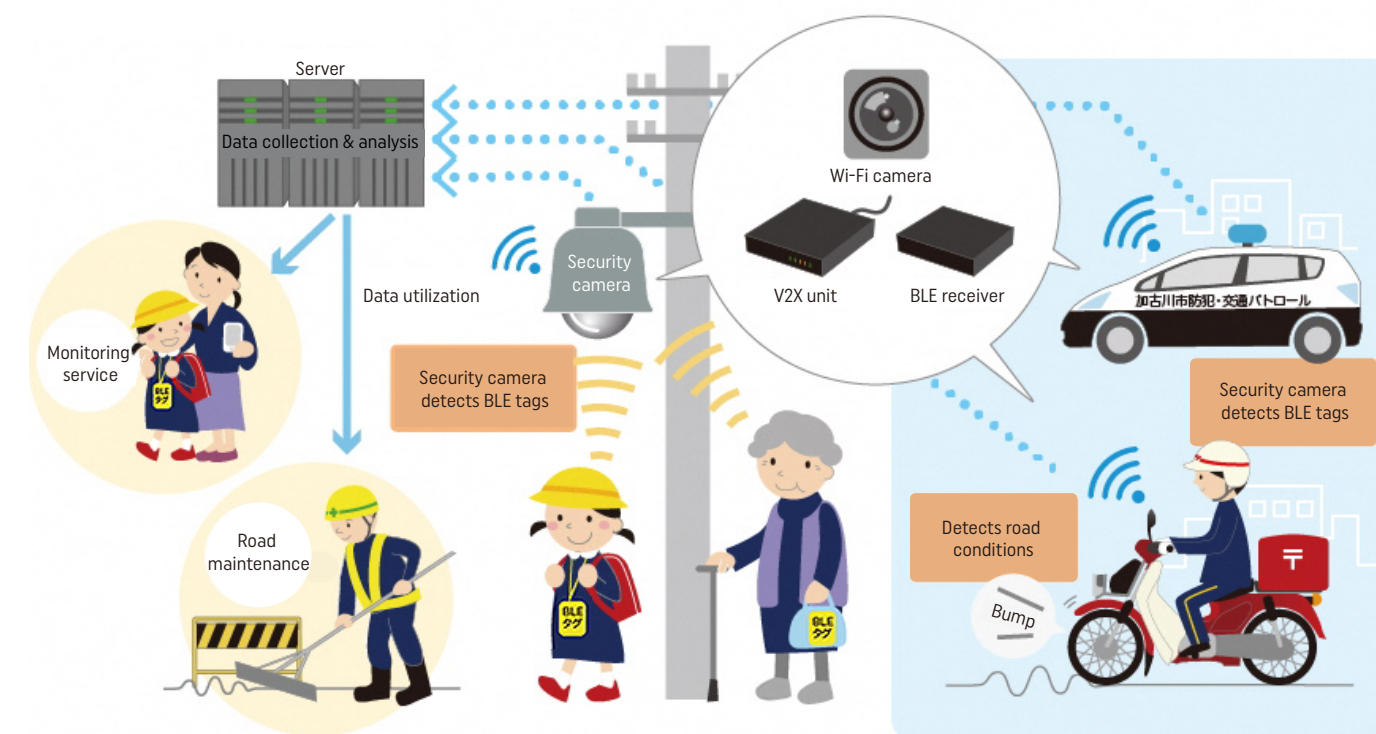
devoted special attention to creating an environment where families with young children can live safely, and strengthening the local community to look after children and the elderly.

Moreover, consultations with private companies to bring unique solutions to the project led to the adoption not only of security cameras, but also monitoring systems using BLE (Bluetooth Low Energy) tags, and application of vehicle-mounted cameras used in trials of self-driving cars.

residents.

Furthermore, a system was developed to collect a wide variety of data (disaster prevention, transportation, infrastructure, etc.) from scattered local sources and share it in the cloud to help address local problems and create new administrative services. A smartphone application was also developed to access the system.

The project has coincided with a decline of more than 24% in the number of criminal cases in the city and has positively contributed to the development of a safe and secure community. Going forward, Kakogawa plans to create additional value through public-private-academic collaboration to analyze and process the data collected from the IoT devices throughout the city.



Various IoT devices gather data



Image of monitoring service



Security camera on a street near a school



Postal delivery motorbikes are outfitted with monitoring tags and cameras