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# Contributing to the Development of Safe and Secure Social Infrastructures



OKI's fire/disaster prevention systems, including the disaster prevention administrative radio system, support social infrastructures.

## OKI's Technology for the Safety of People

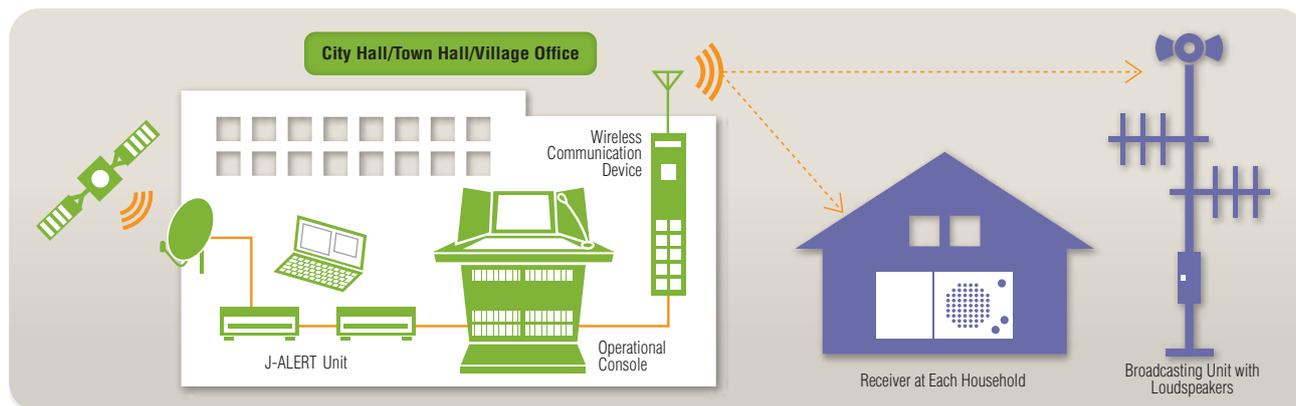
The OKI Group has offered numerous products and services based on its advanced information technologies cultivated through its 130-year history. It has also made a considerable contribution to the fields that ensure the safety and security of social life, such as disaster prevention and emergency medical care through the development of new technologies and products.

One of them is the disaster prevention administrative radio system. Equipped with many convenient features such as master/slave two way communication, weather data collection, provision of textual information, and linkage with other disaster prevention systems, this system allows the prompt provision of information on disasters and evacuation shelters to local residents. OKI has delivered this system to more than 200 local municipal

governments across Japan thus far. OKI has also offered fire command systems that allow prompt dispatches of ambulances and fire engines to the fire authorities since 1968. Today OKI's IT-integrated high-performance fire command systems are used at approximately 150 Fire Fighting Headquarters throughout Japan.

While fire and rescue services have become increasingly sophisticated, there has been an increasing need for more effective use of radio waves. In this context, fire and emergency radio communication networks are planned to be digitized in the future. OKI has already started developing systems for the digitization of fire and emergency radio communication based on its experiences. In fiscal 2010, OKI participated in some demonstration experiments of digitized fire and rescue radio communication including those at the Fire and Disaster Management Bureau of Kobe City and the Fire Fighting Headquarters of Gifu City.

### ● Disaster Prevention Administrative Radio System



## OKI's Response to the Great East Japan Earthquake

The Great East Japan Earthquake hit Japan on March 11, 2011 and caused devastated damages in the northern region of the country. The areas heavily damaged by the earthquake include a number of local municipalities using OKI's fire/disaster prevention systems.

The OKI Group set up an emergency headquarters headed by OKI's president on the day of the earthquake, and started working for the recovery of lifeline infrastructures in each area. The business unit in charge of local municipal governments also set up an emergency center, and immediately started collecting information on afflicted customers and designing assistance measures. At the same time, the group sent relief supplies and equipment such as batteries, battery chargers and radios, to municipal governments and fire fighting headquarters in the afflicted areas with cooperation from local dealers. Since then, the OKI Group has been involved in the recovery of afflicted areas by repairing and restoring damaged equipment and systems with OKI Customer Adtech and local dealers as the main members.

## Changes Caused by the Great East Japan Earthquake

After the Great East Japan Earthquake, a movement to review the existing disaster prevention plans has been rapidly spreading across Japan. Soon after the earthquake, telephone lines went dead and cell phone service was interrupted due to excessive traffic load and power outage. As a matter course, a large number of people in the afflicted areas were not able to get information from their PCs and TVs. In particular in the coastal areas with devastating damages, people involved in life-saving activities and

the recovery of lifeline infrastructures were unable to secure access to information on repeated aftershocks.

Under these circumstances, the disaster prevention administrative radio system has attracted attention as a useful medium in times of disasters. In fact, many municipal governments in areas unaffected by the earthquake have introduced the system or added new slave stations to their existing systems. In order to meet these new needs and address new challenges, the OKI Group has started making specific proposals for building safer, more reliable disaster prevention wireless communication systems while being involved in recovery efforts.

## Aiming at Developing Safe and Secure Social Infrastructures

"Let us save as many lives as possible." This is the slogan under which the aforementioned emergency center was set up on the day of the earthquake. We eventually became interested in "the improvement of our systems for greater safety and security." Then, we became determined about "contributing to the realization of truly safe and secure society and communities."

For this purpose, we have come up with various ideas and started addressing new technological challenges. Among them are the functional enhancement of the disaster prevention administrative radio system, and the provision of disaster information utilizing different information infrastructures and terminals.

The OKI Group has offered various systems and solutions thus far for "contributing to the improvement of the quality of life for people." We are proud of our past achievements and will continue to contribute to the development of safe and secure social infrastructures.

### Stakeholder's Voice



**Hajime Sasaki**

President

SasakiDenki Co., Ltd.

Our main service is the installation and maintenance of electric information and communication systems for customers in the northern Tohoku region. OKI's disaster prevention administrative radio system has been one of our main products for a long time. We started working for the recovery of devastated information and communication systems in the afflicted areas soon after the earthquake. We have reaffirmed the importance of the system as many people have said, "We were able to evacuate to a safer place in time because a directive over the system told us to do so." It will take time for Japan to recover from the earthquake. We will continue to work with OKI and do our best to help develop a safer and more useful system reflecting the opinions of people in the afflicted areas.

### Voice



**Hiroyuki Hayasaka**

General Manager

OKI Tohoku Regional Office

We appreciate it very much that SasakiDenki Co., Ltd. has been involved in the restoration of systems devastated by the earthquake. They were very quick to go to afflicted areas in spite of the damages of themselves. We believe we have to reexamine the role of the disaster prevention administrative radio system in the contexts of the reconstruction plans of the concerned municipalities while fully respecting the opinions of afflicted people. As a manufacturer to support social infrastructures and public services, we will further strengthen the partnership with local dealers and communities toward recovery.