

ESTABLISH A SAFE AND SECURE SOCIETY

Global society faces various issues, including addressing natural disasters, responding to burgeoning healthcare and medical needs, enhancing information security and ensuring human security.

Here, we spotlight how we are helping establish a society where people can lead safer and more secure lives. Examples include an inter-public facilities hotline system and an ICT system for World Cup stadiums.

Ensuring an Information Exchange Network in Disaster-hit Regions with a Robust Inter-public Facilities Hotline System

The Great East Japan Earthquake damaged the public network in Rikuzentakata City, Iwate Prefecture, causing communication difficulties stemming from cable severances and extreme line overloads. This greatly affected communications between elementary and junior high schools and other public facilities that served as shelters.

After disasters and other emergencies occur, fax-based communications become vital for evacuee rosters, and sharing handwritten maps and messages, and providing visual information that is difficult to convey orally.

NEC delivered a robust disaster hotline system for communications between Rikuzentakata City's elementary and junior high schools and other public facilities. The system combines an IP announcement broadcasting system with the existing public network. This setup has established proper phone and fax communication between local public facilities even if a disaster occurs.

So that school staff can use it without confusion during emergencies, the system functions as a regular contact network between elementary and junior high schools.

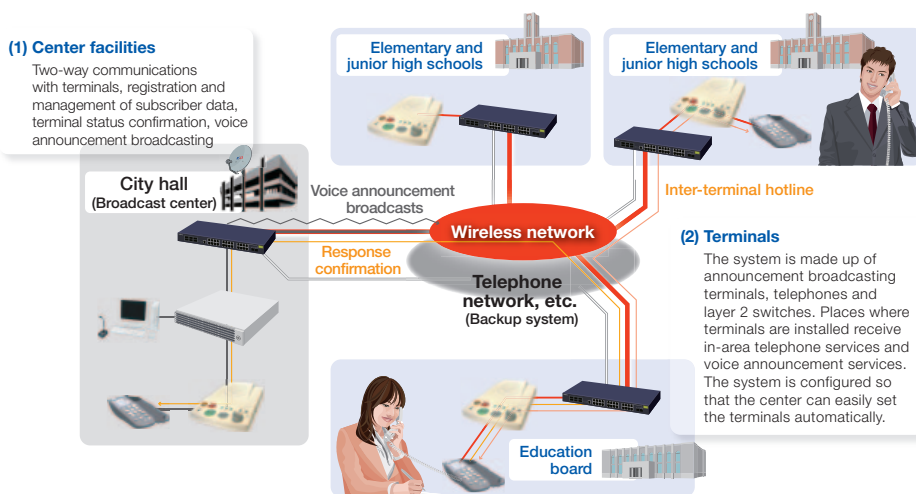


Network equipment is installed on an elementary school building

Municipalities around Japan have drawn from the experience of the Great East Japan Earthquake in reinforcing and rebuilding means of conveying and sharing information that is vital in disasters. Schools and other public facilities not only secure the safety of students and staff but also function as disaster centers and shelters for residents, making it essential to maintain more robust information and communications infrastructures.

NEC will take advantage of its advanced wireless technologies, disaster information systems, and other know-how to promote the use of this system going forward. NEC will also propose the system to hospitals, nursing care facilities, and community centers, as well as to elementary and junior high schools around Japan that serve as disaster refuges, thereby contributing to community safety and security.

Overview of an Inter-public Facilities Hotline System



NEC Technologies Play a Part at the World Cup

The next World Cup, a quadrennial event, will be held at 12 stadiums throughout Brazil in 2014. The construction of stadiums and other tournament preparations are proceeding rapidly. NEC is deeply involved in related projects.

NEC is working on ICT systems at 4 of the 12 official stadiums, as well as 1 training center.

These stadiums incorporate state-of-the-art design and technologies, and are leading examples in Latin America of facilities that factor in sustainability and environmental protection.

NEC's comprehensive setup includes a voice and data communications infrastructure, as well as large screens, digital signage, security solutions, audio systems, and building management systems. The employment of such ICT systems will greatly enhance spectator safety and comfort and make it possible for entire families to enjoy watching matches with peace of mind.

Brazil is taking advantage of its remarkable economic growth and World Cup hosting to undertake smart city initiatives, starting with areas around the tournament stadiums. NEC will also be deeply involved in this major project, establishing smart services encompassing IT, network infrastructure, and other elements, thereby helping to create a safer and more secure society.



Itaipava Arena Pernambuco under construction

NEC Internet Safety Classes

NEC inaugurated NEC Internet Safety Classes in 1999 as part of its social contribution initiatives, the goal being to ensure that children can use the Internet safely and securely. NEC conducts the classes in collaboration with NPO Eparts, to help safeguard children from online dangers.

By using computers to write on bulletin boards or on chat sites, children learn how to deal with the leakage of personal information and with character assassination and other forms of online bullying. They also learn from

case study simulations of computer virus infections, phishing, and other issues, and how to protect themselves.

A total of 417 children took part in 9

classes nationwide in the year under review (since the inauguration of this program, about 25,000 children have attended a total of 200 classes).

