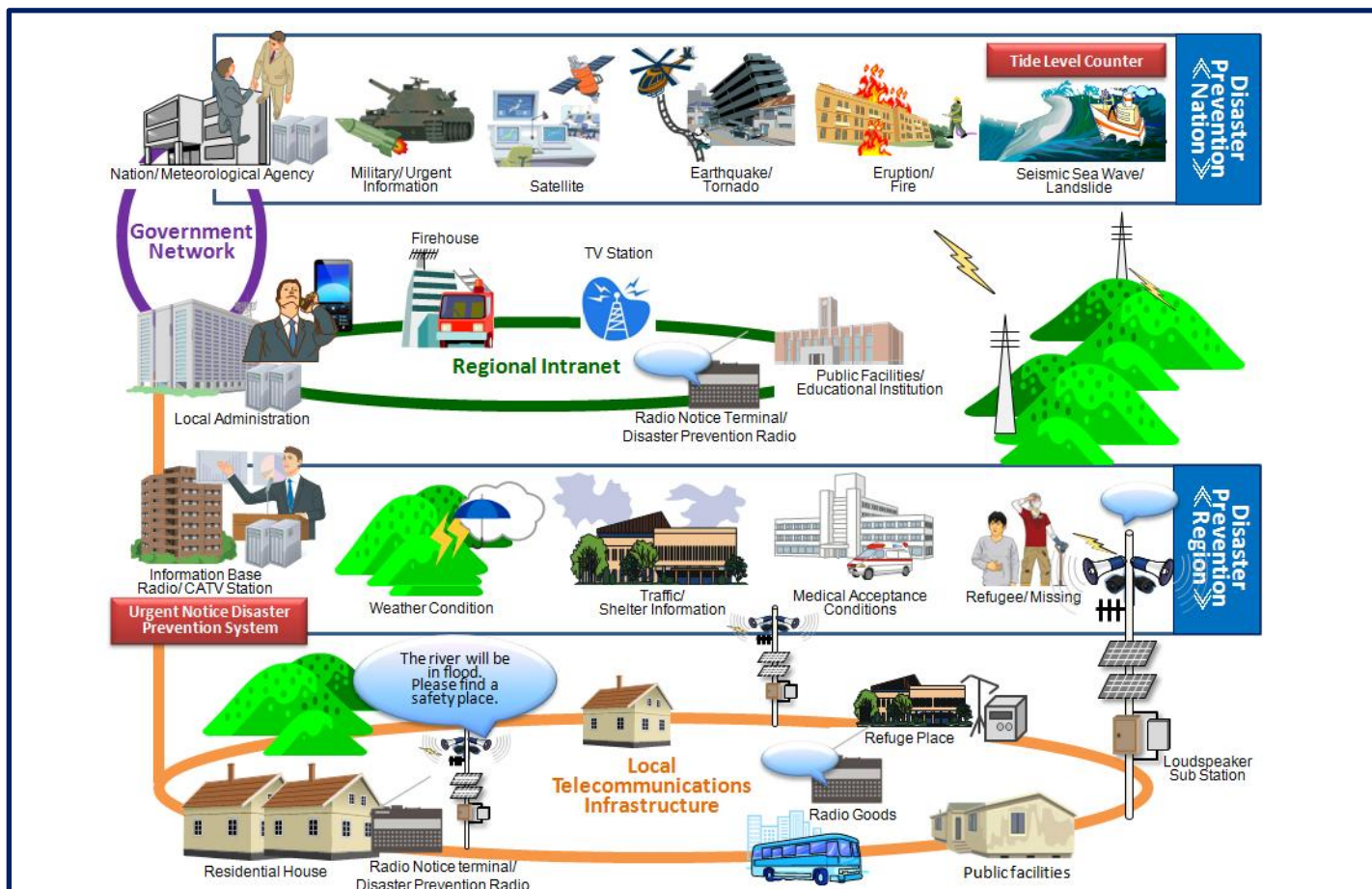


Suggestion of the disaster prevention reinforcement in Peru

– Emergency Announcement by Radio Broadcasting –

By promoting radio broadcasting disaster prevention information ICT projects, we can provide national-level and regional-level disaster prevention information in a timely manner to ensure the safety and security of local residents and minimize the disaster damage .



Disaster in
Republic of
Peru

Located on the Pacific volcanic belt, Republic of Peru, as well as Japan, has suffered from earthquake disaster many times. It is also vulnerable to floods and mudslides caused by climate change and El Nino, etc.

Japanese government and companies have been supporting Republic of Peru in reducing risks of damage from a natural disaster and improving response capabilities.

Features of Emergency Announcement by Radio Broadcasting

1 Flexibility

Choose from two types, wireless and wired. You can receive emergency announcement with ordinary radio or disaster prevention radio even in case of cable damage or power failure.

2 Scalability

Urgent notice disaster prevention radio (UNDPR) system can be used in conjunction with existing PA systems in public facilities or outdoor loudspeaker sub stations.

3 Simple Structure

The terminal's base functions are same as radio, and the structure is simple. Maintenance and repair services will be available in Republic of Peru.

4 Low Cost

UNDPR system is less expensive compared to the other emergency information systems, such as anti-disaster radio communication systems, TV broadcasting, and IP announcements broadcasting.

5 Use of Existing Infrastructure

You can broadcast emergency announcement not only from a radio station specialized in disaster situation but also from an existing regular radio station.

6 Auto-Start Disaster Prevention Radio

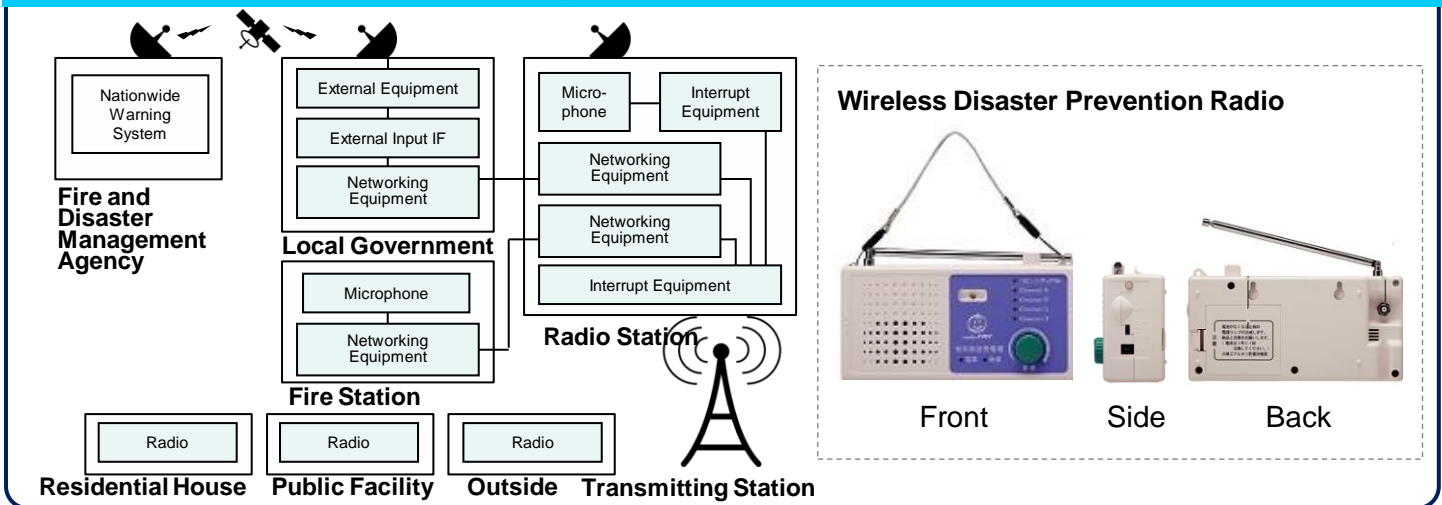
This is the special type of radio terminal, which turns on automatically when the radio station sends actuation signal and emergency announcement.

Importance of Radio Communications for Disaster Prevention

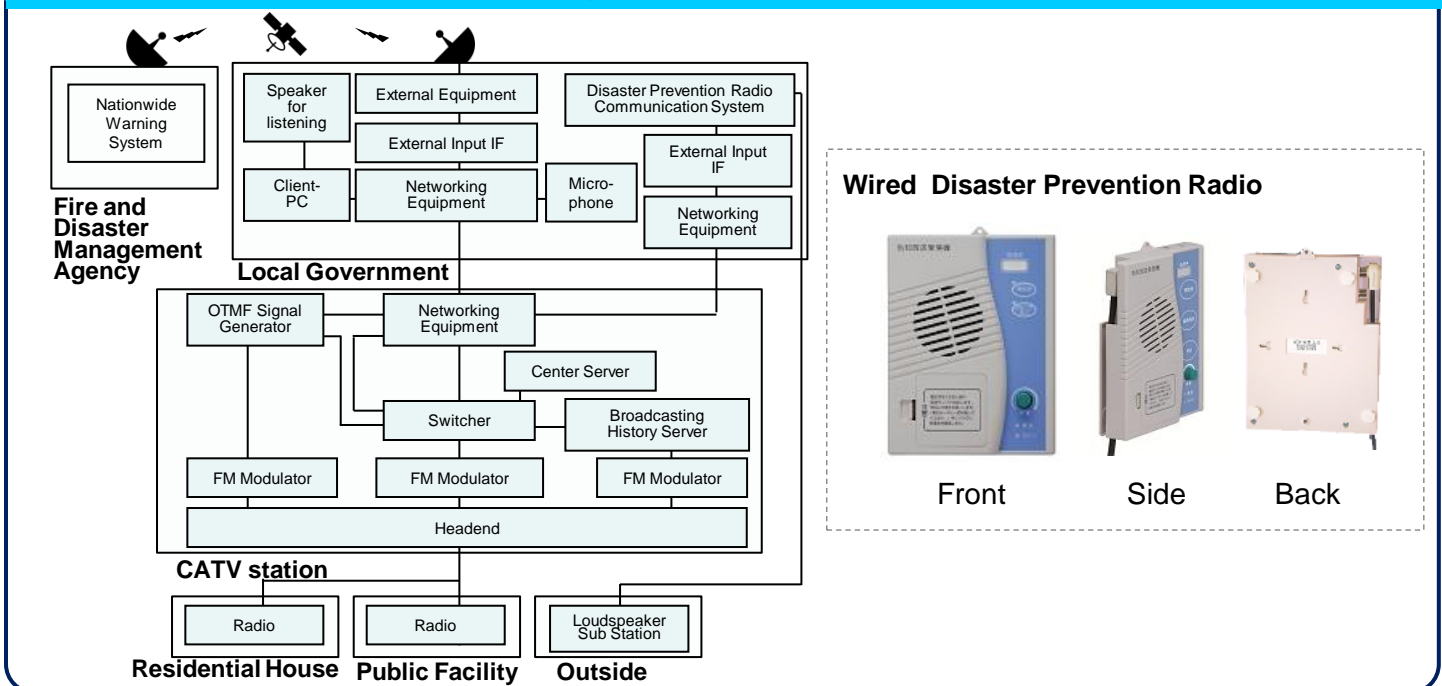
Radio communication with local residents, which works even in case of cable disconnection or power failure, is extremely beneficial in terms of disaster prevention and damage reduction. In “East Japan earthquake”, one of the biggest disasters in Japan, local governments established temporary radio stations to provide disaster information, victim assistance information, and life-related information.

By establishing thorough government announcement broadcasting system, we can distribute community-based disaster management information without delay. This will strengthen the well-balanced rescue system of “self-help, mutual support, and government support” and promote regional revitalizations based disaster recovery activities in the local community.

System Configuration for Wireless Equipment



System Configuration for Wired Equipment



- ※ This system distributes emergency information to the auto-start disaster prevention radio. You can also receive radio broadcast with commercially available radio receiver.
- ※ Above configuration is the example in Japan. We will design the configuration based on the existing telecommunication systems in Peru.

Contact

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