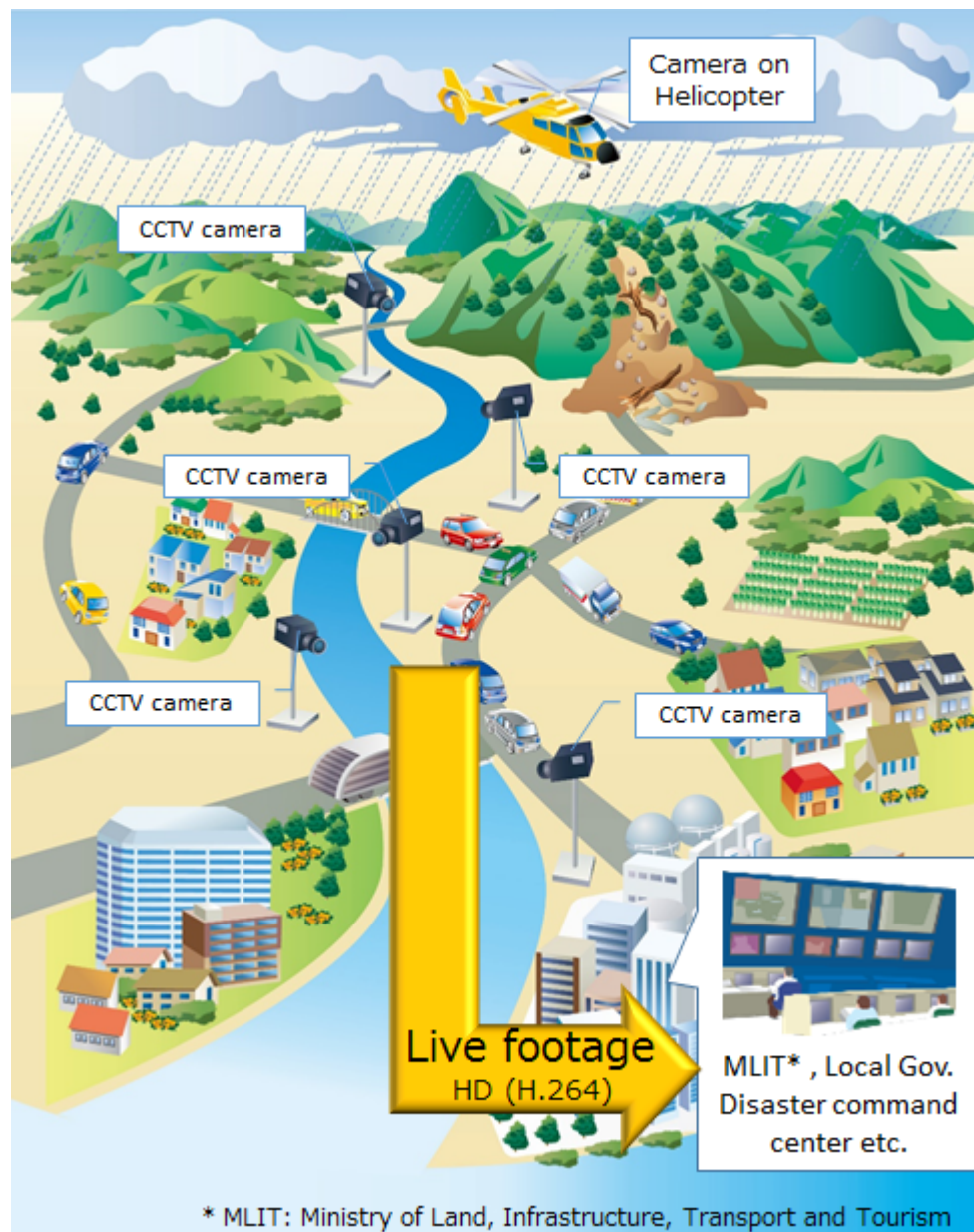# CCTV-Camera Realtime Monitoring and Sharing System

Achieve the accurate information sharing of the rivers and road conditions, facilities situation by collecting and delivery of high-definition video.

Camera on Helicopter

CCTV camera

CCTV camera

CCTV camera

CCTV camera

CCTV camera

Live footage
HD (H.264)

MLIT* , Local Gov.
Disaster command
center etc.

* MLIT: Ministry of Land, Infrastructure, Transport and Tourism

Hazard

Earthquake Tsunami Land Slide Cyclone Storm Surge Flood Drought Volcano Wild Fire Tornado Heat Wave Cold Wave Avalanche

Solution Purpose

Prevention & Mitigation Preparedness Response Recovery

Risk Assessment Infrastructure Technology Information & Communication Technology Evaluation
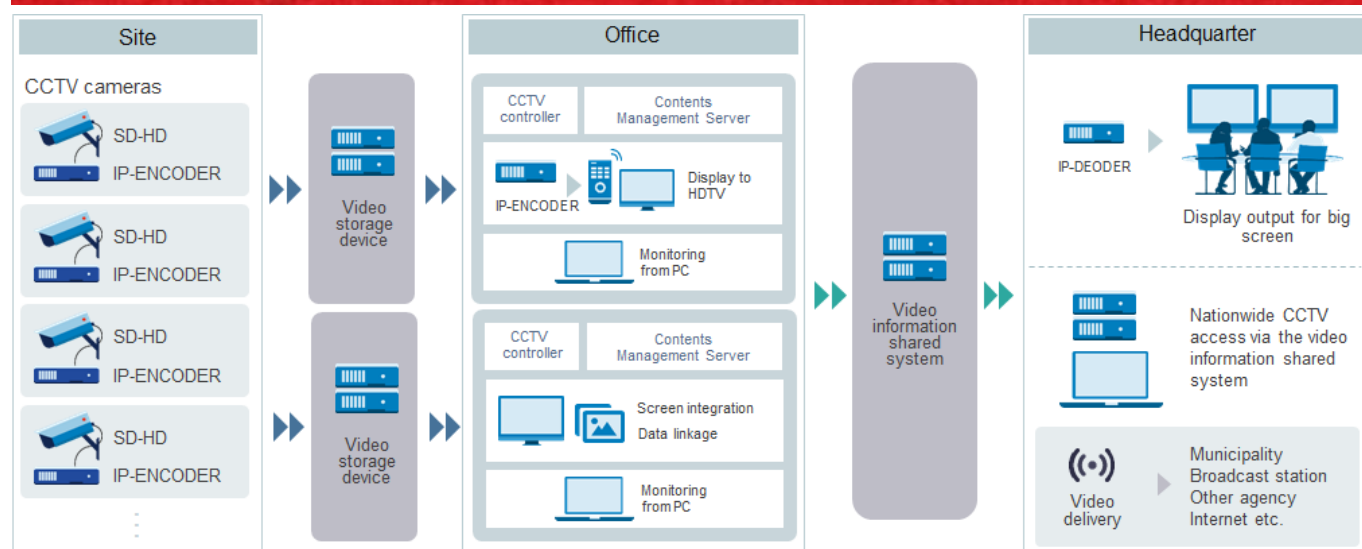
Technology Subject

Hazard Identification River & Basin Dam & Reservoir Coast Sabo Road Railways Airport Port Essential Utilities Urban Information Gathering Information Communication Information Platform Post Disaster Evaluation

Advantages

This system is available to monitor CCTV-camera video data on the PC. (Viewers only need PC) Users can choose a camera from tens of thaousands of CCTV-camera (installed througout Japan) on a map or a list. This system adopts MPEG2 and H.264 technology to redeuce the load of communication on a network and to ensure the quality of an image.

Solution Illustrated

Background

Information sharing is very important for disaster response (initial response, rescue and restoration activities). In addition to numerical data (water level, rain fall), visual data is need to share damage situation and make decsion.

Exposition of the Solution

This system shows images/pictures from over several tens of thousand cameras in all over Japan in real time. Images could be chosen from maps/lists. In normal daily operations, it would be used as supporting tool for inspections. For emergency situations, this system offer/tell site.

Achievements of Examples

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