SIP Cross-ministerial Strategic Innovation Promotion Program

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# Optimised DMAT dispatch by Health Crisis and Risk Information Supporting Internet System (H-CRISIS)

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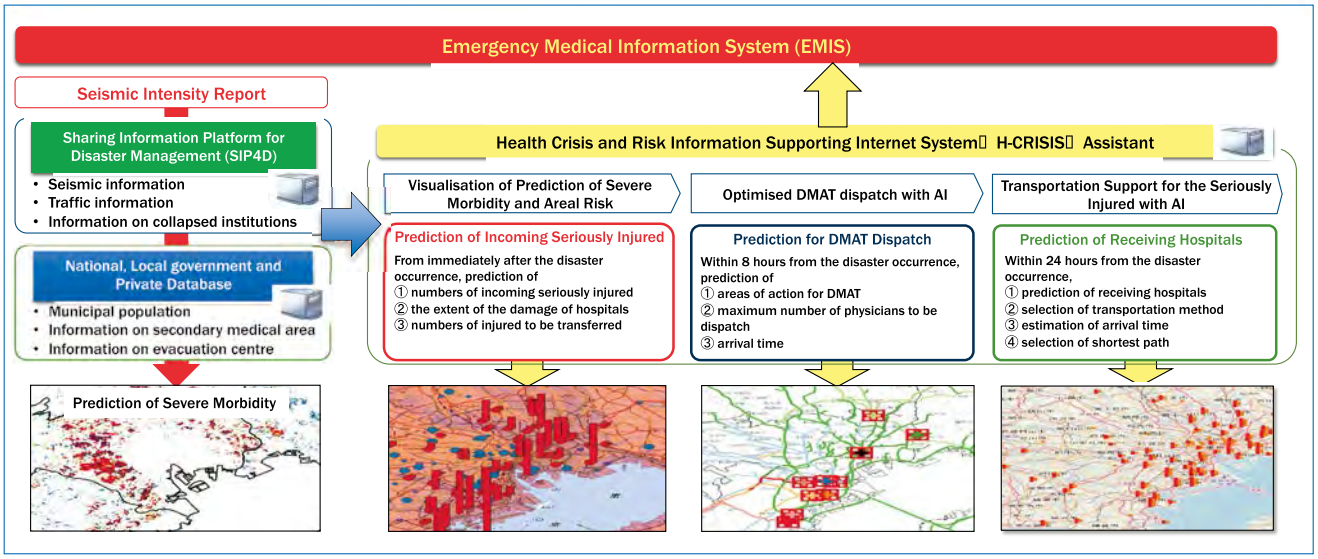
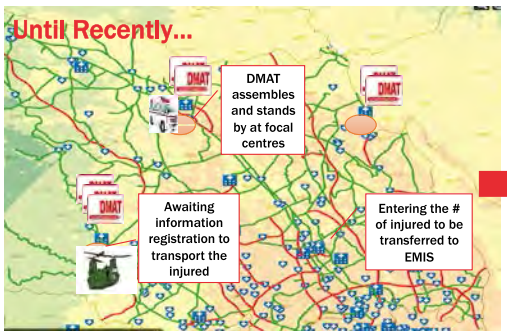
## and

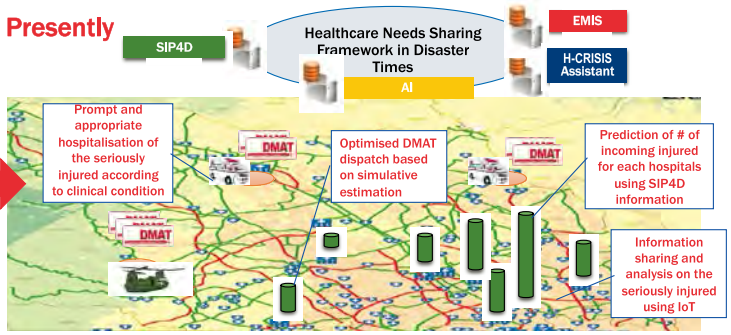
## Sharing information on patient's transportation

## in assumed Tokyo metropolitan earthquake

Optimized DMAT dispatch by Health Crisis and Risk Information Supporting Internet System (H-CRISIS)

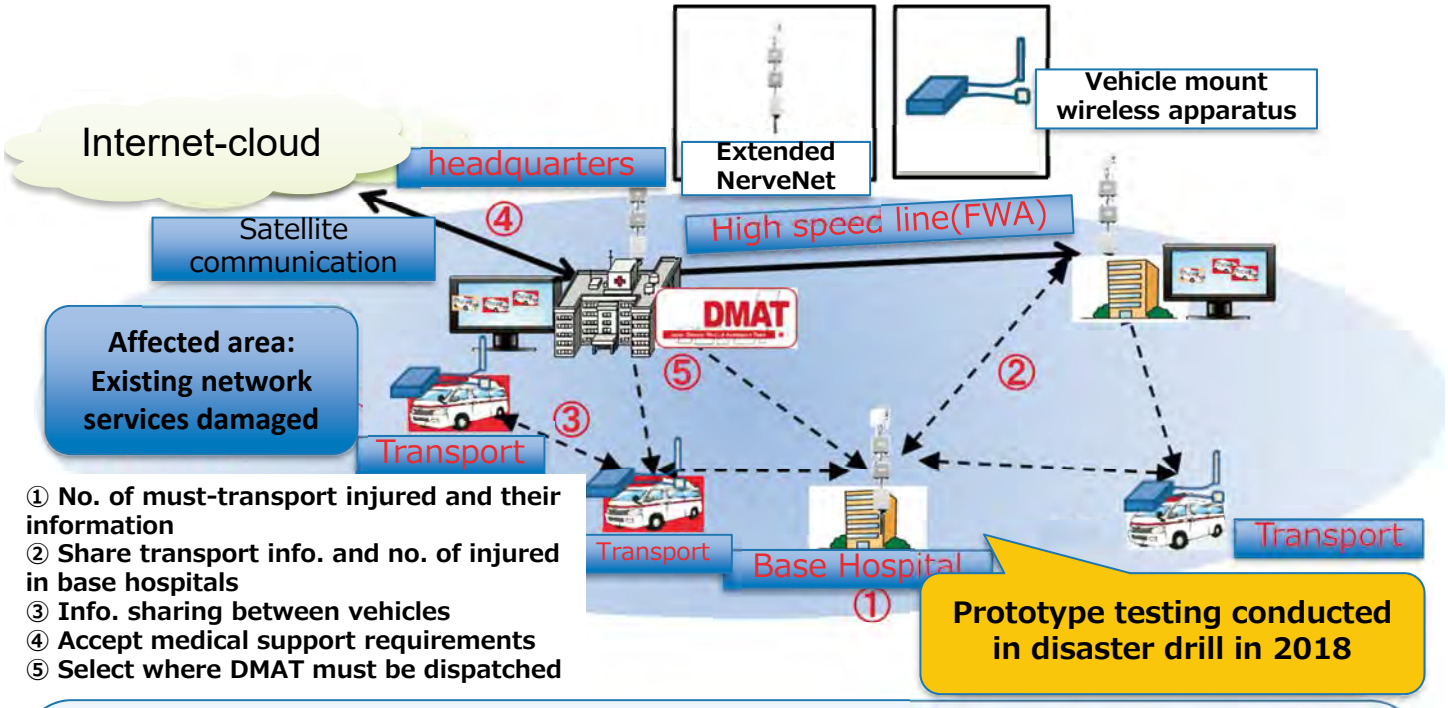



**Based on information about damage estimation from SIP4D and medical institutions from EMIS in real-time, optimized DMAT dispatch by AI calculation.**

# Sharing information on patient transportation in assumed Tokyo metropolitan earthquake




① No. of must-transport injured and their information
② Share transport info. and no. of injured in base hospitals
③ Info. sharing between vehicles
④ Accept medical support requirements
⑤ Select where DMAT must be dispatched

■ Even in areas where existing network services are damaged, patient information during transport can be shared by combining the developed extended Nerve-Net, a kind of long-distance wireless node, with high-speed lines such as FWA.

**A Use of Resilient Network is capable of sharing information on both transporters and disaster base hospitals in areas where existing network services are damaged.**


◆ Contact address ◆

**Prof. ichikawa**
**College of Systems Engineering and Science**
**Shibaura Institute of Technology**
**Tel : +81-48-720-6233**


◆ **SIP "Enhancement of Social Resiliency against Natural Disasters" HP** ◆

**http://www.jst.go.jp/sip/k08.html**

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