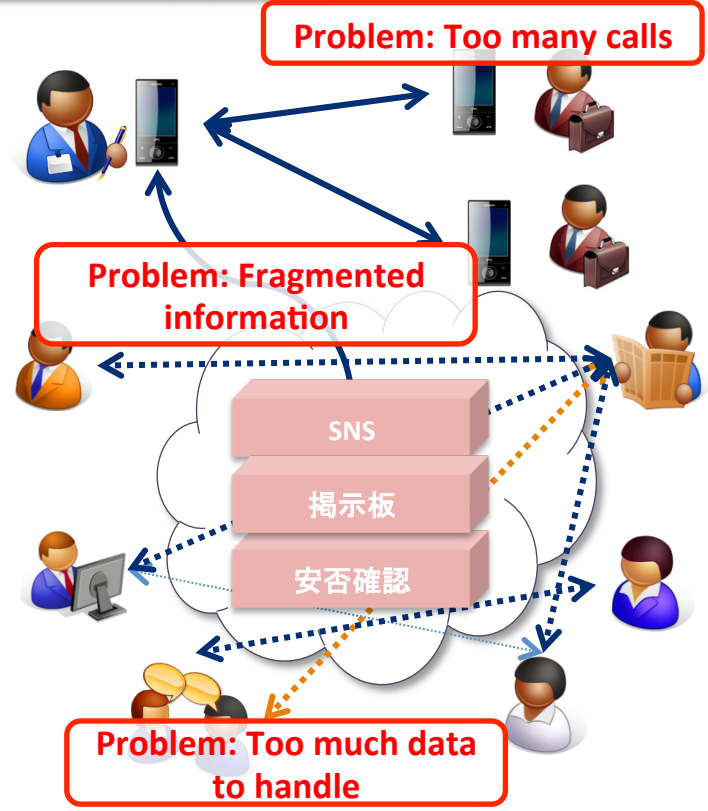# 絆 Secure Sharing of Safety Information within a Small Community Under Disaster
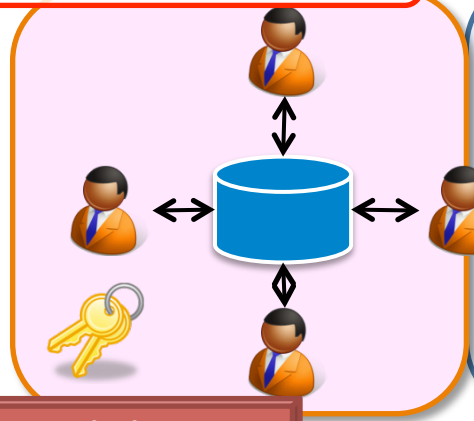
Issues under Disaster

Problem: Too many calls

Problem: Fragmented information

SNS

掲示板

安否確認

Problem: Too much data to handle

[Problems of conventional information exchange]
- ✓ Traffic increases because of many calls or growing rich contents
- ✓ False rumors or inaccurate information because of fragmented information
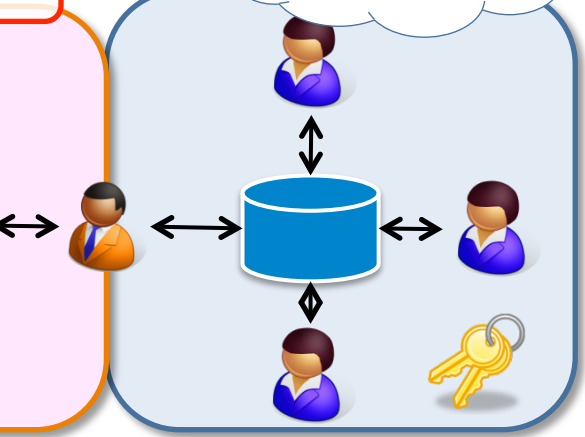
Solutions

Solution: Small Closed Community

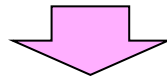Sharing sufficient information within the community

Ensure high security

Solution: Exchanging minimum data

Compact communication by exchanging truly necessary information within a closed small community

[Effect]
◆Suppress the traffic under a disaster as small as possible
◆Share the within-community information sufficiently

絆 Speech Recognition to Shrink Digital Divide

We need to shrink the digital divide to ensure all necessary information to be shared within the small community

User Interface Easily Operated by Even Infants or Elderly

Speaker-dependent small vocabulary speech recognition :
Choose the items in the screen using speech

"Register"

Schedule registration screen

Map of the current location

Schedule screen

"map"

● **Use within a small community**
● **Easy use under disaster**

- Robust recognition because of the small vocabulary
- Speaker-dependent operation