An Intelligent Mobile Terminal Application -- Field Survey System for Disaster Management



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Fast development of mobile internet and its application



Mobile Internet is changing life...

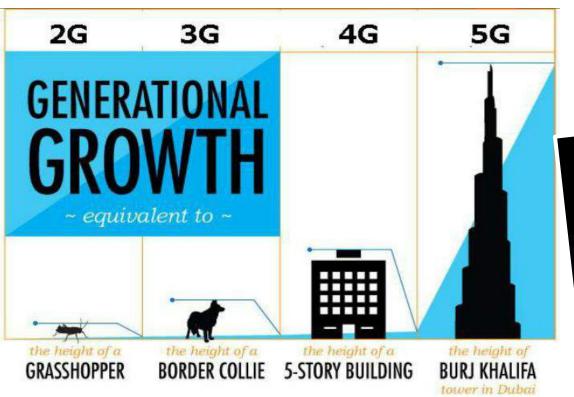


56 is around the corner...

5G will close the distance of all things, realize the **intelligent interconnection** between man and all things on earth.

5G will penetrate into all areas of the society in the future, constructs an all-wave customer-

focus information ecology system.

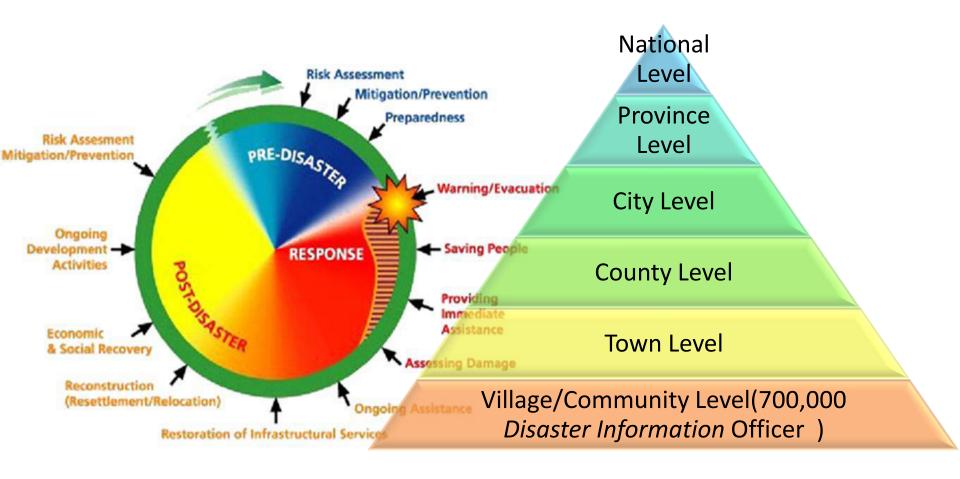




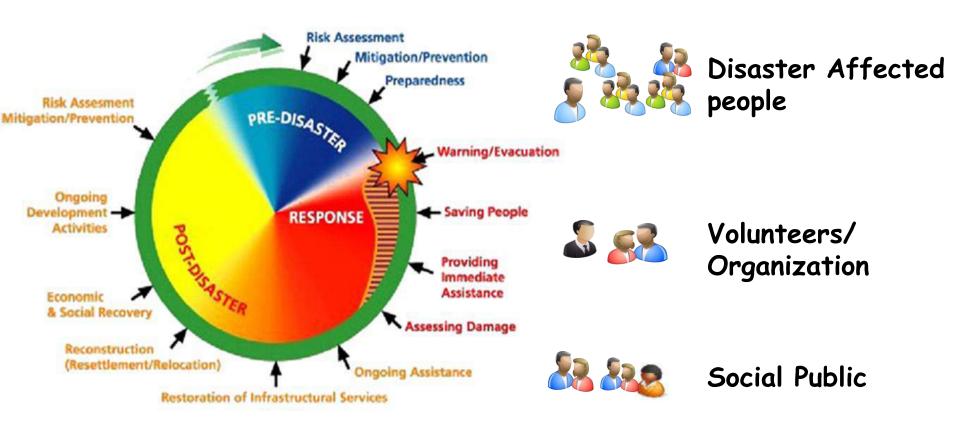
MI enable New Business Mode in disaster managements



Disaster Management Cycle and Stakeholders in China



Disaster Management Cycle and Stakeholders in China



Mobile Internet Enables New Business Mode

Last Mile Problem:

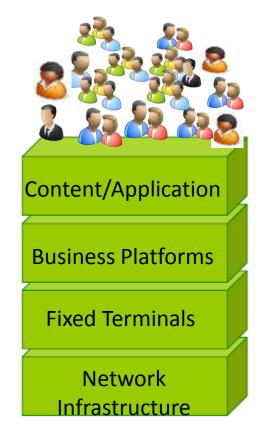
firsthand information collection end information service

ubiquitous network society:

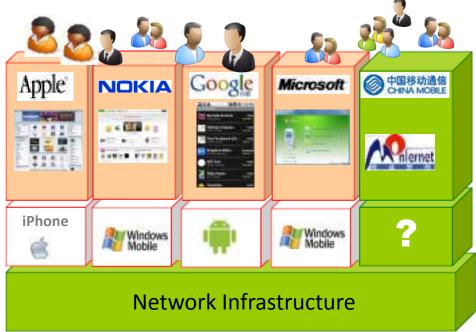
anytime

anywhere

anyone/anything



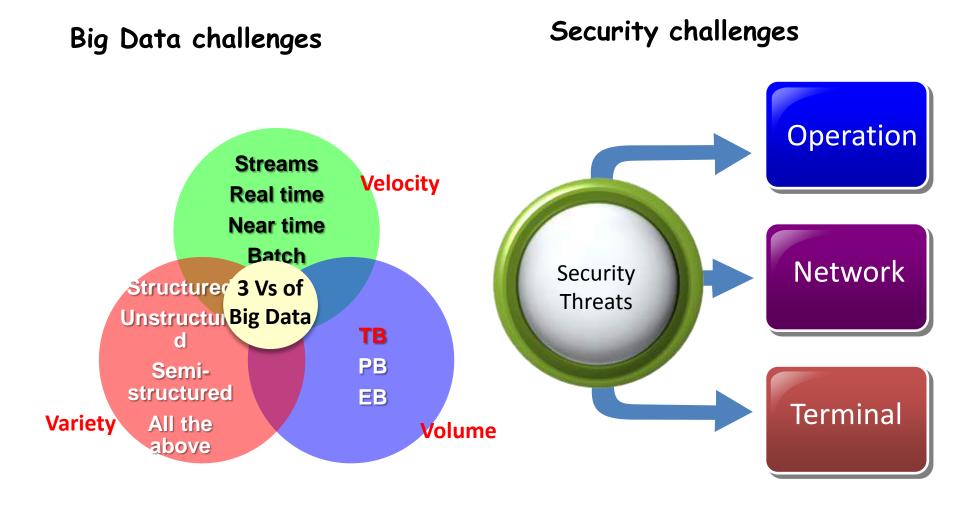




Traditional operation model

Mobile internet operation model

Challenges of the New Business Mode



What does "Disaster Reporter" Benefit?



Introduction of "Disaster Reporter"

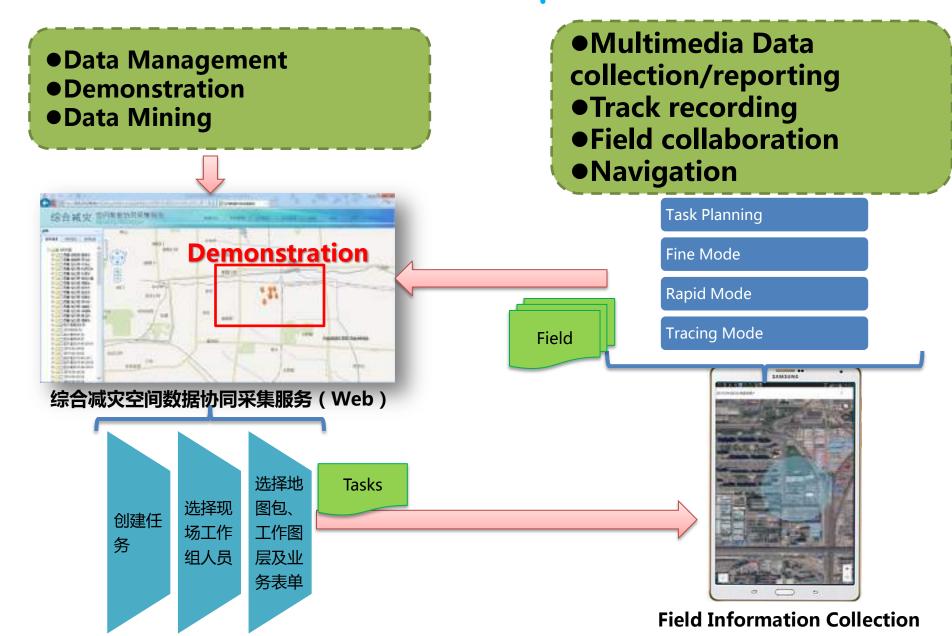


Target Users:

- Disaster Field Investigator
- Disaster Information Officer
- Social Public



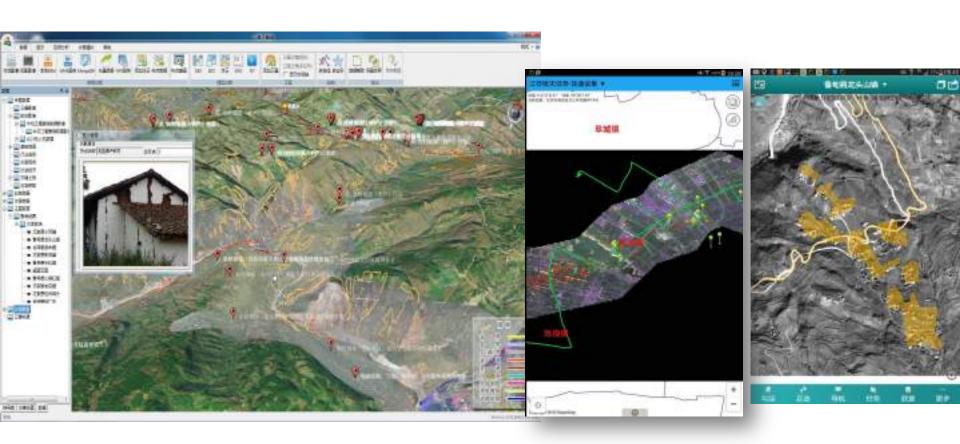
Introduction of "Disaster Reporter"



Three Business Logic: Fine Mode

Disaster Field Investigator, for fine assessment of the disaster loss

- Use High resolution Remote Sensing Image
- •Collaborating with indoor interpreter



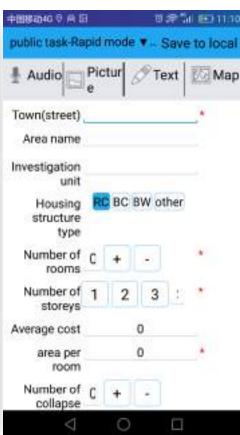
Three Business Logic: Rapid Mode

Disaster Information Officer, for quick reporting of disaster

- Quickly reporting and planning
- Understanding overall disaster situation
- •Free online/offline map service



Disaster reporting





Three Business Logic: Tracing Mode

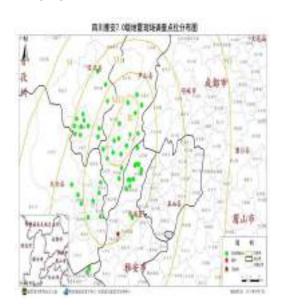
Social Public, for quick reporting of disaster

- •Integrated multi media information collection
- Quick Reporting
- •Free online/offline map service

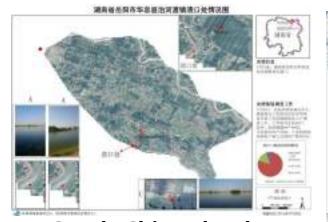




Applications in Disaster Assessment and Relief



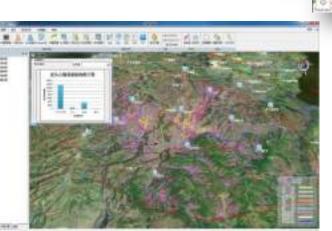
Lushan Earthquake Assessment in 2012



South-China Flood Assessment in 2014



Jiangsu Tornado Assessment in 2016



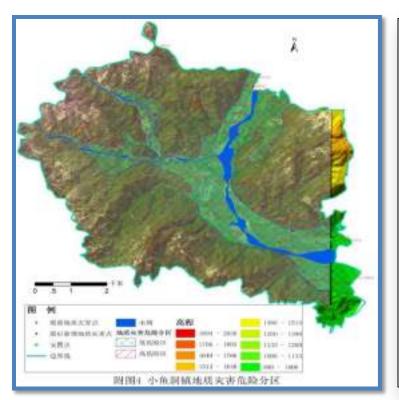
Ludian Earthquake Assessment in 2014

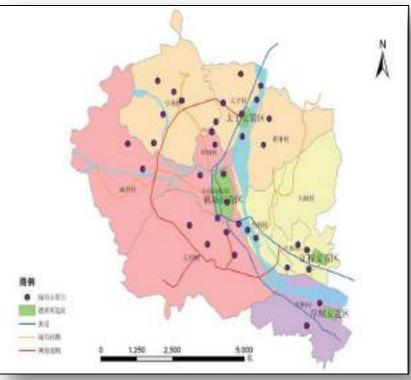


Disaster Loss Reporting in 2016

4 Future Visions







1 Community -based Disaster Risk Management

Big Data Application

3 Security Concerns

Thanks for your attention

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