



3rd India-Japan Workshop on Disaster Risk Reduction 2019

"shamen-net" Satellite & Cloud based Displacement Monitoring System

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Kokusai Kogyo: Our identity



Pioneer in Japan since 1947



Geospatia I Centric



Climate Change Solution



Infrastructur e Engineering



Renewabl e Energy



2,800 People



6,000+ Projects



\$440M Revenue



10+ Affiliate Firms



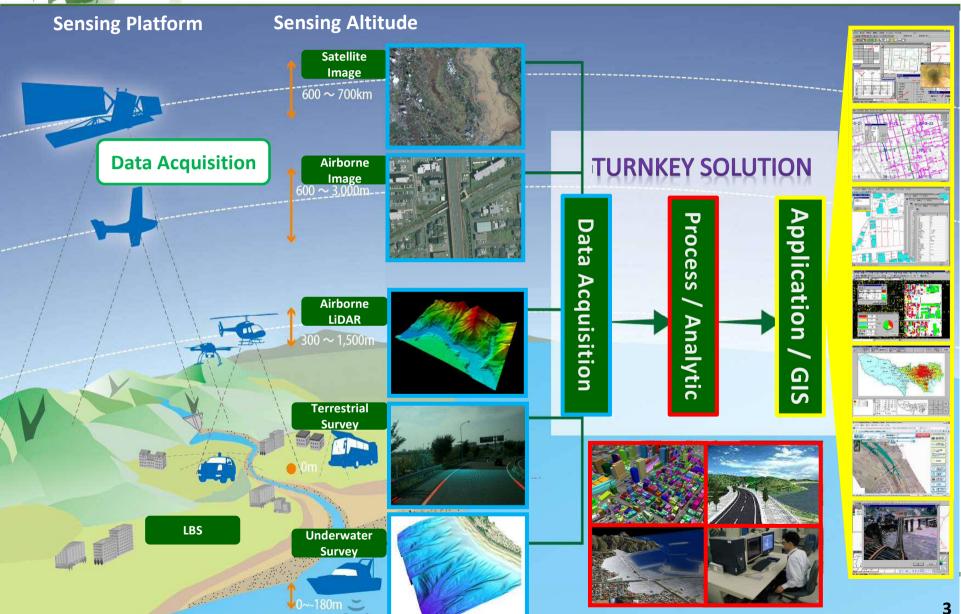
5 Global Offices







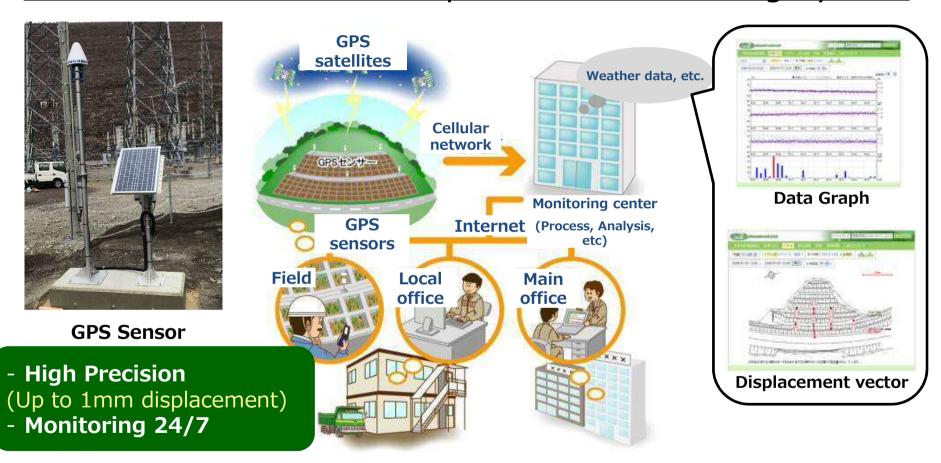
Our technology





shamen-net: Our proposal

Satellite & Cloud Based Displacement Monitoring System



Real-time Monitoring, Analytics, Warning, Report







Video: On-site Installation





Case studies in Japan

"shamen-net" in Japan

- ✓ Dam sites: above 30 sites
- ✓ Disaster site: above 30 sites
- ✓ Roadside slope: above 50 sites
- ✓ Construction site: above 150 sites
- ✓ Other uses: above 70 sites









Potential Partners/ Clients







Landslide



Avalanche



Land collapse



River dyke



Rock fill dam



Concrete dam



Electricity Tower



Mining



Disposal site



Tunnel



Bridge



Railroad



Airport



Seaport







Deployment Planning in India

Phase

 Partnership/ JV with domestic company

Phase

Implementation of Proof of
 Concept
 Approx. 1 year period

1

Phase

Deployment in nationwide







In the end...

- 24/7 Displacement Monitoring
- High Precision Up to 1mm Detection
- Cloud Based Automated Service
- Intuitive Dashboard
- Robust and non moving hardware







Thank you for your kind attention.

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