

# Web-based GPS Automatic Monitoring Service

*We monitor displacement of the ground and the structure with a new GPS automatic measurement system.*



cut-slope (expressway)

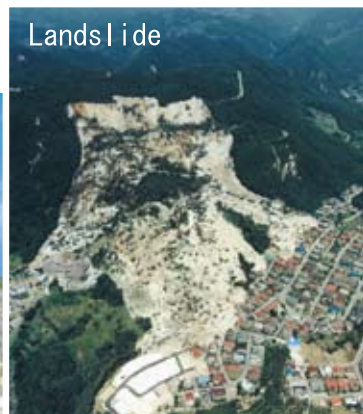
The strong points of this new GPS automatic monitor service

- *This GPS automatic monitor service measures the ground and a structures, and that result is provided on the Internet.*
- *This system can measure displacement with high precision (about  $\pm 1\text{mm}$ ) to analyze data by the new technique.*
- *This system is the support system of the safety control that an engineer monitors displacement for 24 hours.*

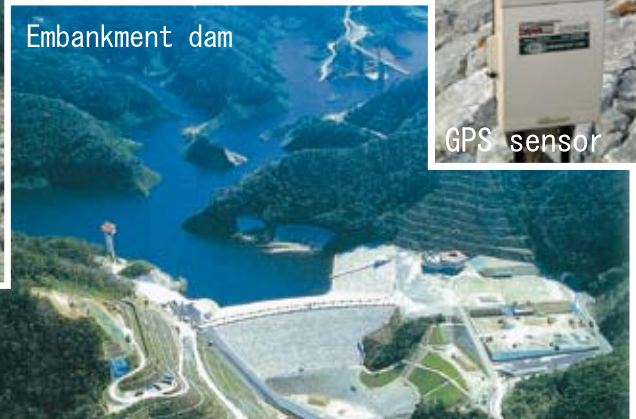
## <Measurement site>



Mine  
(ph:Limestone Mine)



Landslide

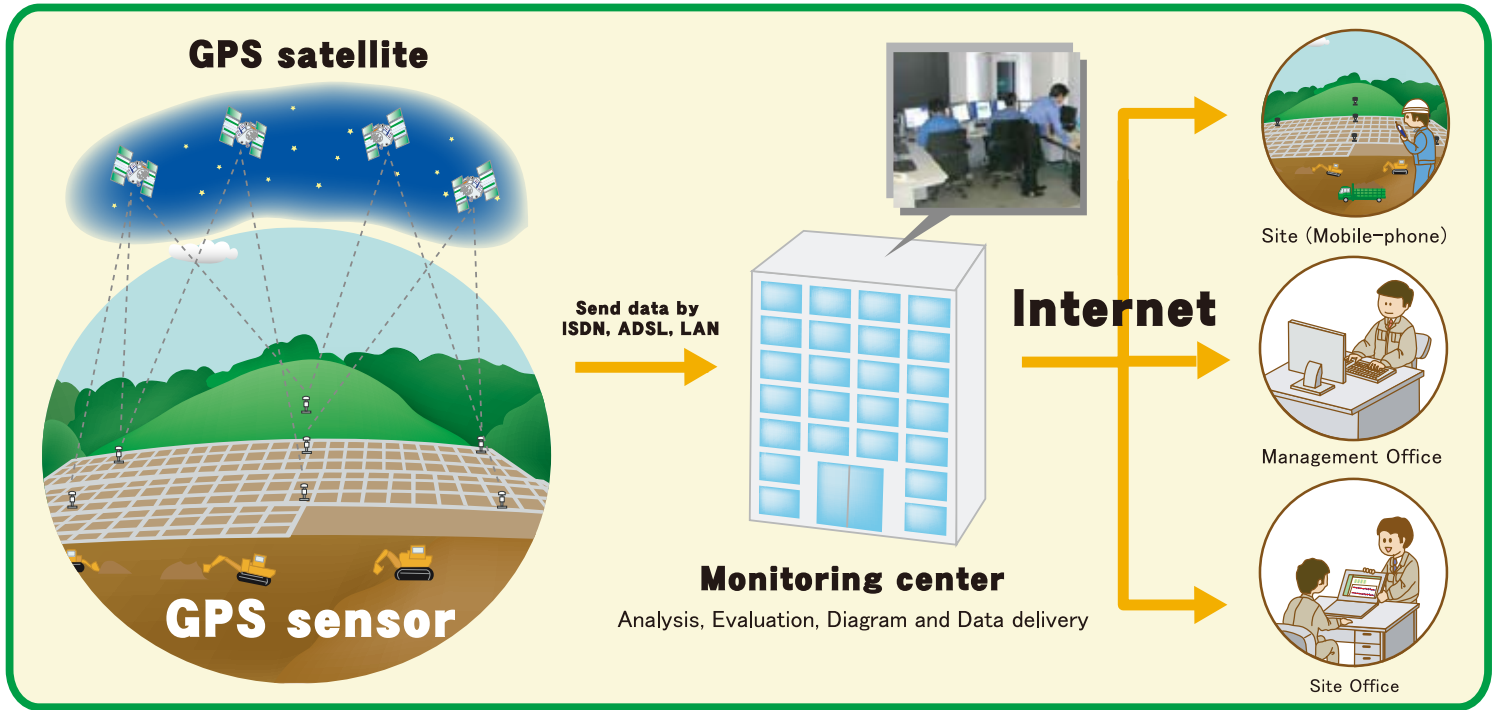


Embankment dam



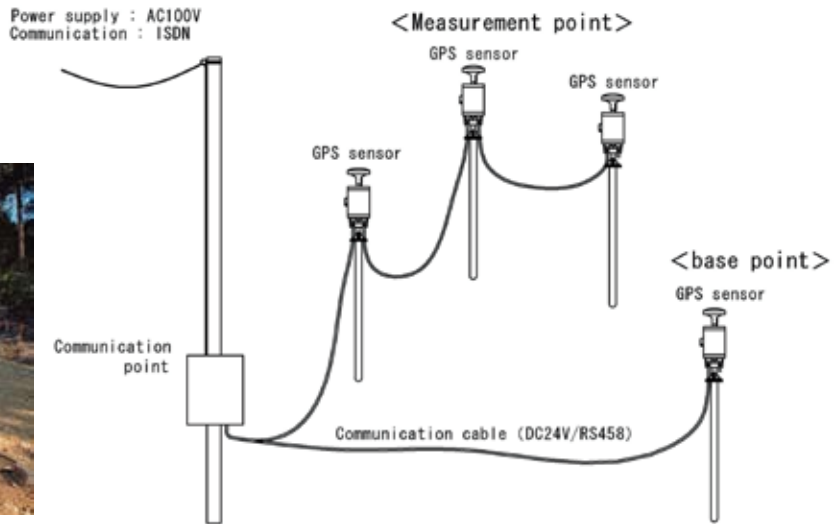
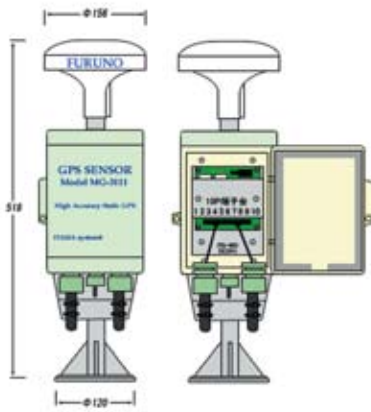
GPS sensor

## The outline of the GPS automatic monitor system

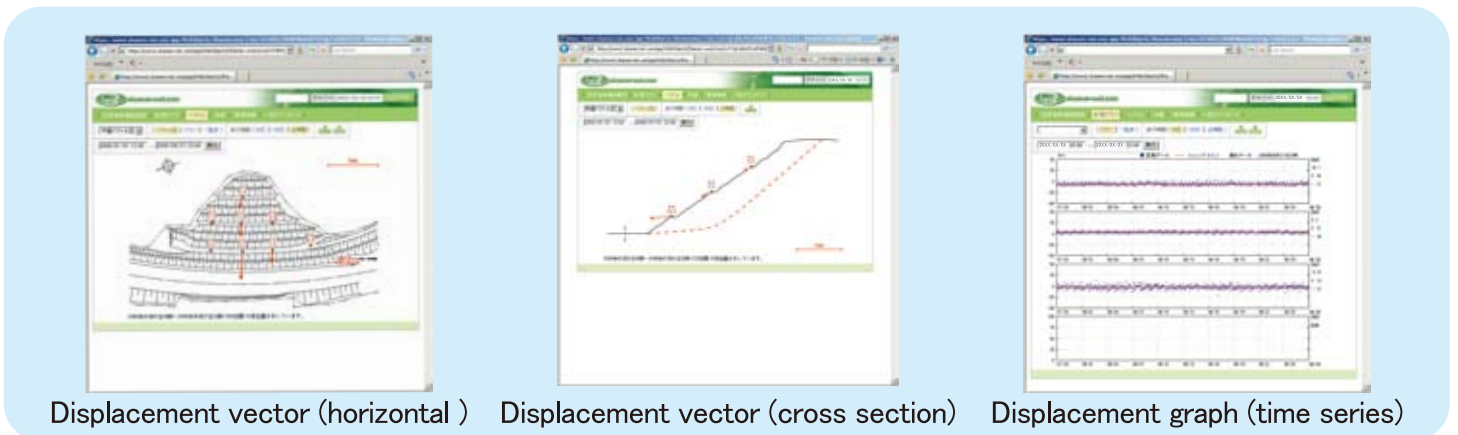


## The outline of the GPS machine

GPS : static positioning , L1-band  
 Measurement interval : 1 hour  
 Power supply : AC100V  
 Communication : ISDN (or ADSL or LAN)



## The results are provided on the Internet



**CONTACT**

**Kokusai Kogyo Co., Ltd.**

2 Rokubanchou, Chiyoda-ku, Tokyo Japan 102-0085  
 TEL/81+3-3288-5900 E-mail/shamen@shamen-net.com