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## Establishment of Sensor -based Safety Management Network for Main Infrastructures

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**Key Words** : Infrastructure( ), Safety Management( ), Network System( ), Shearing Information( )

### ABSTRACT

During last 30 years, Korea economy has grown so fast and many leading-edge technologies were introduced from the advanced countries. but this fast growth inevitably produced imperfect completion of infrastructures and caused man-made catastrophes like Sungsu Bridge and Sampoong Department Store. After the incidents, Korea Government and National Assembly established "The Special Law for Safety Maintenance of Infrastructures". According to this law, most of infrastructures must be inspected periodically. During last 10 years after the establishment of the law, many infrastructures were improved and the quality of construction was upgraded. However, important and weak-to-disaster infrastructures need to be watched continuously. Many monitoring technologies were developed and tested in the field. In this paper, the new research project "Establishment of Testbed of Safety Management Network for Main Infrastructures", funded by government, was introduced.

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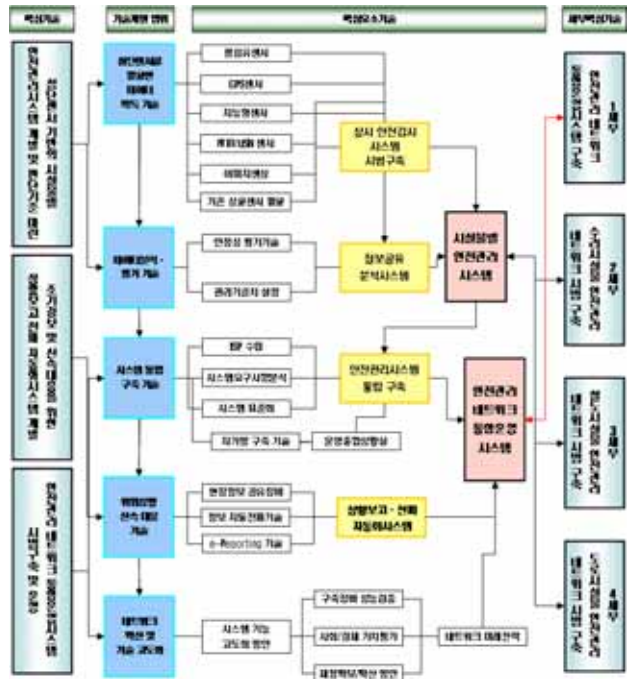
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