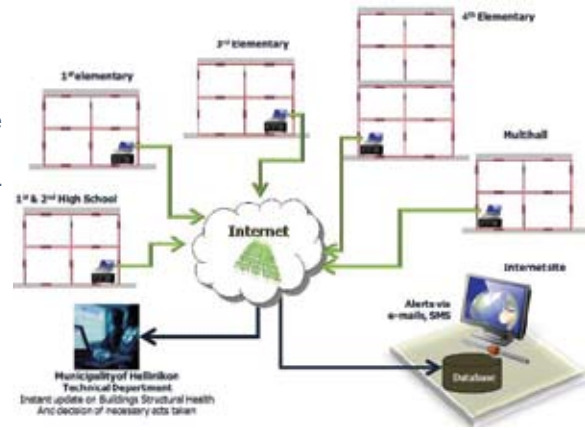


# Citizens' Information System about the Structural Health of public buildings



In the framework of 3rd CFS, Operational Program "Information Society", M2.1 "e-government" in the service of the citizen: Business Plans, studies and pilots, Category Act III "Innovative and Pilot Implementations" the Municipality of Hellinikon, was funded.

This project aims to monitor the structural status of 5 Critical Buildings of Public Interest in Hellinikon, real-time by using modern sensors based on fiber optic technology. Optical sensors are polled on predefined intervals and collected data are sent directly to the Technical Department of the Municipality.



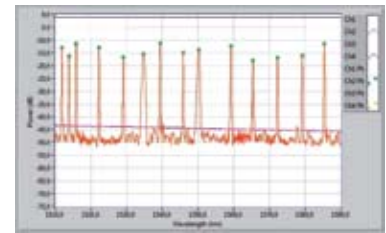
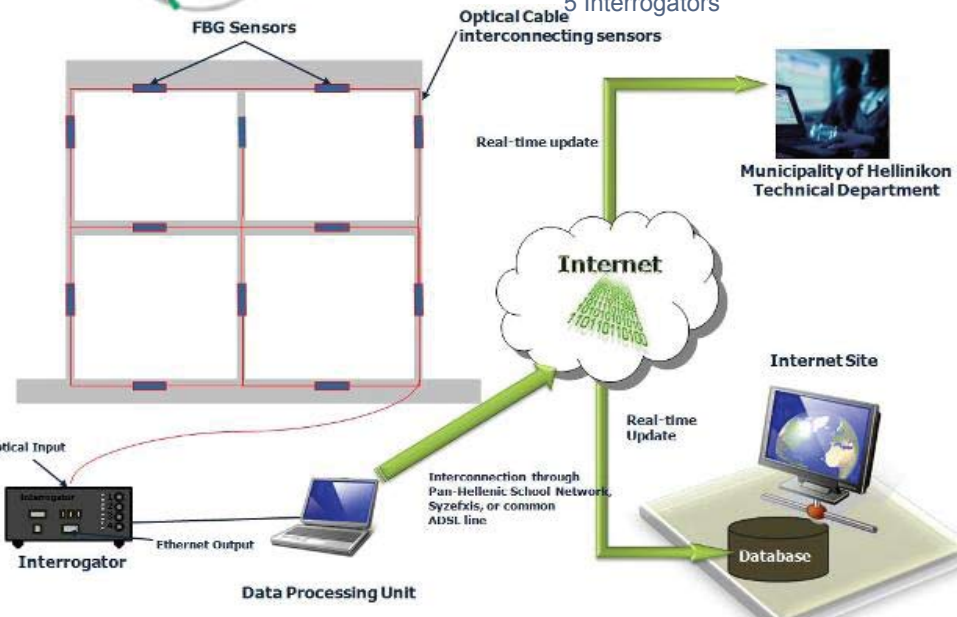
<http://www.smartsensing.gr>



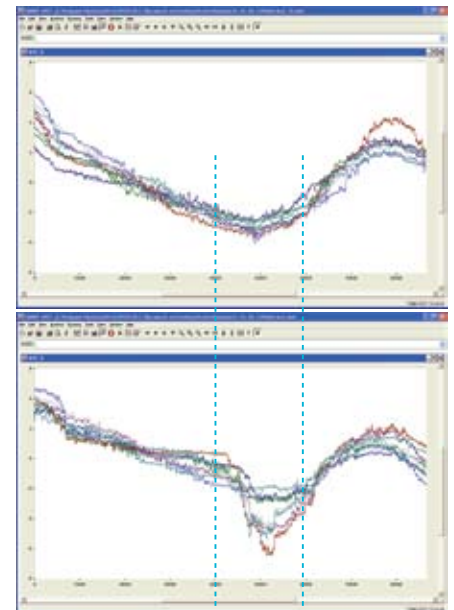
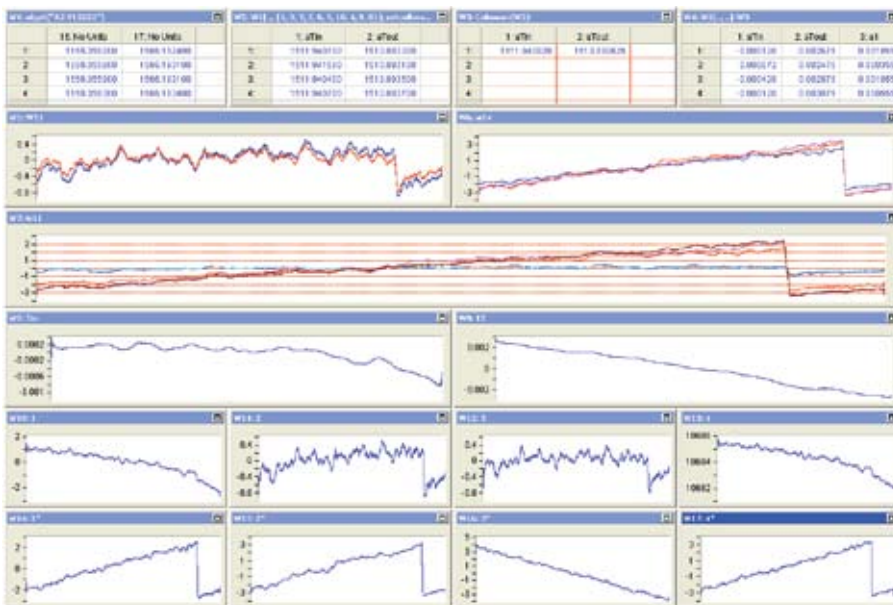
- 300 optical sensors (strain)
- 15 optical sensors (accelerometers)
- 5 Interrogators

SmartSensing Central Suite is installed in the Control Center, which is located in Municipality Technical Department. SmartSensing Central Suite:

- collects and stores data from each building centrally
- processes data and, in case of an emergency, issues alerts by dispatching SMS and e-mails to predetermined users,
- remotely manages the interrogator units,
- provides access to historical and real time structural health data
- provides data to the project web site (<http://www.smartsensing.gr>)
- manages the rights of the system users



## Field Results



## Smart Fibres' Greek Representative



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