

## Details

### Building health monitoring system

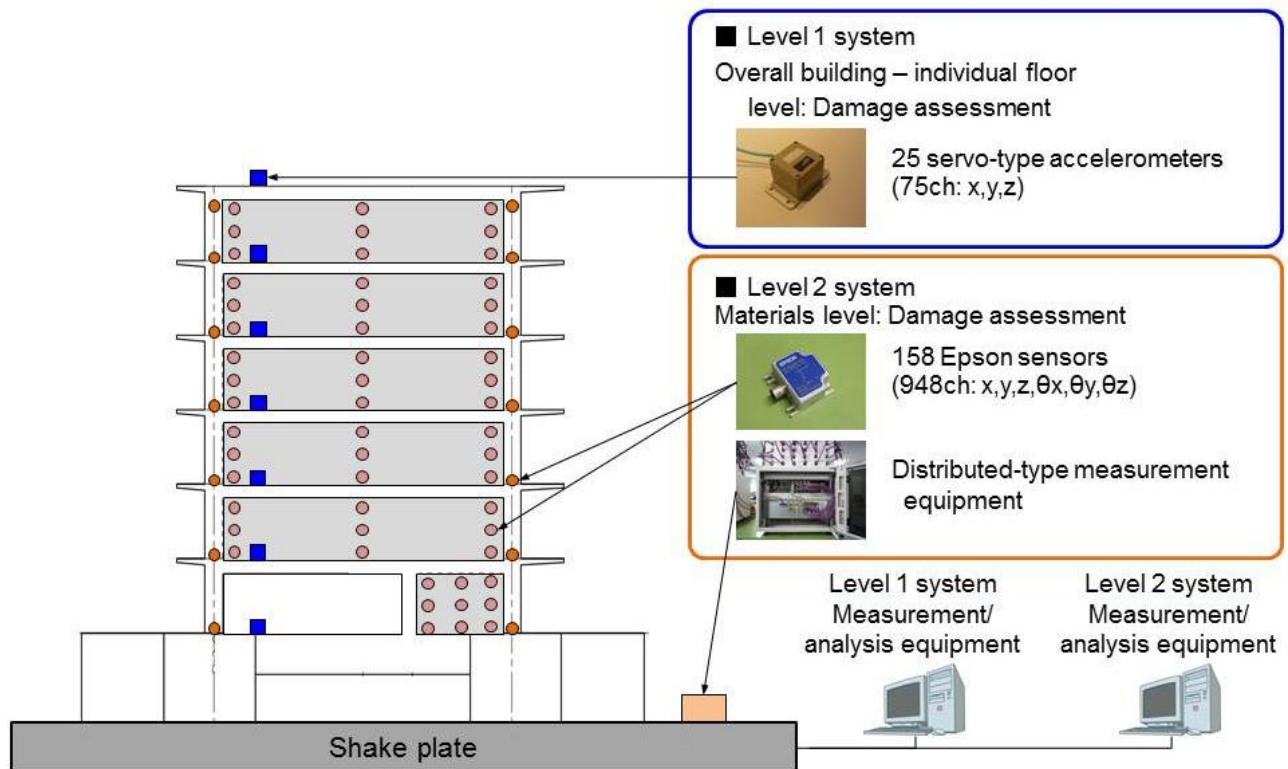


Diagram provided by the engineering laboratory of Shimizu Corporation

### Epson products used in the building health monitoring system

Item	Quantity
<b>Sensor unit</b>	
M-G550-PC 6-axis IMU	158
Sensor cable	1 set
<b>Date recording system</b>	
Master controller Endeavor Pro 7500 (Manufactured by Epson Direct)	1
Sub-controller (developmental item)	5
Data recording software (developmental item)	1 set
Software for displaying data (developmental item)	1 set

### Shake tests

Shake tests using Epson's sensing system will be conducted under the Special Project for Reducing Vulnerability in Urban Mega-Earthquake Disasters. These tests will be performed using the "E-Defense" Three-Dimensional Full-Scale Earthquake Testing Facility. Tests will be performed using an approximately 1:33 scale model of a reinforced concrete building.

Date: January 20 - 22, 2015

Place: National Research Institute for Earth Science and Disaster Prevention,  
"E-Defense" Three-Dimensional Full-Scale Earthquake Testing Facility

URL : <http://www.bosai.go.jp/introduction/project/location/location04.html>