



SOLUTIONS AND SERVICES FOR CIVIL AND SEISMIC ENGINEERING



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Technological innovation serving structural safety

S2X is an innovative SME, founded as a university spin-off, that develops hardware and software solutions for the monitoring and dynamic identification of civil structures. The company offers specialized products and services resulting from over 15 years of academic and industrial research.

Software Solution

S2-SHM Structural Monitoring



Software developed to meet modern requirements for continuous structural monitoring in both static and dynamic conditions.

S2-VIB Vibration Measurements



Software for processing vibration measurements in accordance with established standards (UNI 9916, DIN 4150, BS 7385, SN 640312).

S2-FFT Fast Fourier Transform



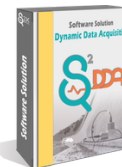
Software for fast and effective analysis and manipulation of signals in the time and frequency domains.

S2-OMA Dynamic Identification



The first 100% Italian software for the analysis of output-only dynamic test data in the time and frequency domains.

S2-DDA Data Acquisition



Software for data acquisition optimized for dynamic testing and dynamic and seismic structural monitoring.

S2-VIEW OMA Viewer



Free viewer for results obtained from S2-OMA, including animated mode shapes and key correlation indices.



Structural monitoring

Development of global structural monitoring systems based on modal parameters, for the remote identification of anomalies in structural response.



Vibration monitoring

Development of custom systems for vibration monitoring, compliant with national and international standards (UNI 9916, HIVOSS, SETRA).



Output-only modal analysis

Planning and execution of dynamic tests and related data processing, performed using state-of-the-art procedures from the technical-scientific literature..



YOU acquire, WE process

Dynamic test data processing service provided by our experts, with data acquisition handled by the client. Available on a pay-per-processing or subscription basis.

Our clients



Politecnico
di Bari

