

**YOU  
MEASURE**

**WE  
PROCESS**



S2X SRL was born in 2012 from the academic and research experience of the founders in the field of Structural Health Monitoring and vibration analysis. Since then, we have developed advanced vibration-based monitoring systems and innovative measurement and testing equipment for a number of applications and relevant customers in the Italian construction industry and among public institutions. The company constantly invests in Research & Development since its beginning. As a result, a basic portfolio of products, services and prototypes has become available. This process reflects the significant attention of the company to innovation as a basis for its business and customer satisfaction.



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**INNOVATION IN  
TECHNOLOGY**  
**FOR CIVIL ENGINEERING  
AND STRUCTURAL  
SAFETY**

[www.s2x.it](http://www.s2x.it)

## ***Operational Modal Analysis***

Operational Modal Analysis (OMA) is the testing procedure yielding experimental estimates of the modal parameters from measurements of the structural response only. S2X services in this field include test planning and execution, and data processing according to well-established OMA methods.



## ***Vibration testing***

S2X offers highly qualified services for vibration testing, including test design and data processing according to the most recent codes and guidelines.

## ***Structural Health Monitoring***

S2X has developed proprietary solutions for SHM, and its team can develop advanced SHM systems tailored on the specific application and user's needs. The proprietary software for automated modal parameter monitoring and compensation of the environmental/operational influence is fully customizable, and it requires minimum surveillance.



## ***Vibration monitoring***

Vibration monitoring in civil engineering covers a wide range of applications, including all possible vibration sources that may affect a structure or a construction site. The objective of vibration monitoring is twofold: – ensuring that vibrations do not affect structures or people – obtaining information about the dynamics of the structure and the investigated vibration phenomena. S2X can design and operate vibration monitoring systems tailored on the specific application and developed in agreement with national codes and guidelines.

## ***YOU measure, WE process***

“YOU MEASURE, WE PROCESS” is the innovative service offered by S2X to support technicians involved in output-only dynamic testing of civil structures. If you are interested in entering this business but you are worried about the high cost of software and equipment and the steep learning curve, this service perfectly fits your needs supporting you with test planning and data processing at a very affordable cost.

## ***Consulting***

S2x offers highly qualified consulting services to public institutions, private companies and technicians about dynamic testing and monitoring of civil structures and infrastructures.

