



STRUCTURAL DIAGNOSIS & PROGNOSIS

STRUCMEDICA Mission

"To offer a predictive, fast, and quality diagnosis through an automated and non-invasive measurement of durability indicators"



Precise Diagnosis



Predict the future



Secure the asset

| Diagnostic Journey



1. Scan & mesure

Rapid mobile inspection on-site with data geolocation.



2. Processing

Correlation of indicators and degradation modeling.



3. Prescription

Automatic report with actionable maintenance scenarios.

| Non-invasive technology

An approach combining sensors and analysis algorithms.

- ✓ **100% non-destructive (NDT)**
- ✓ **Acquisition speed < 30 min**
- ✓ **Multi-physical analysis**
- ✓ **Connectivity**



| The complete health check



Carbonation

Depth of the front, CO₂ uptake



Hydric

Water/chloride content profile



Cracking

Early detection of cracks



Corrosion

Probability and kinetics
following measured indicators

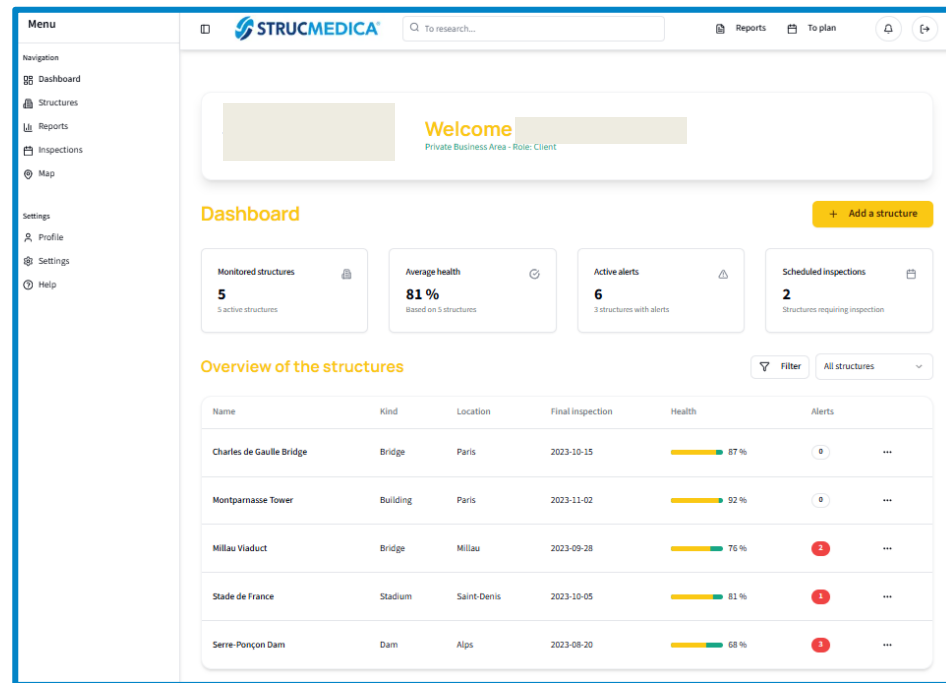
[For more technical information, contact us](#)

Deliverable: Intelligent & actionable report

More than an observation, an action plan.

We transform raw data into a clear maintenance strategy.

- ✓ **Current health status:** Global score and risk mapping.
- ✓ **Prediction of evolution:** Durability parameters in real conditions.
- ✓ **Material recommendations:** Adapted technical solutions (inhibitors, coatings).
- ✓ **Planning:** Prioritization of interventions to smooth the investment.



Request a Demo

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Concrete health & durability analysis

Carbonation

Corrosion risk

Chloride ingress

Cracking

CO₂ uptake

Predictive evolution

Maintenance suggestion

Plan

Download report