



## Catalogue

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LiveLoad

TempSense

SlabControl

QuakeControl

FlowSense

SafePit

SoundControl

GroundControl

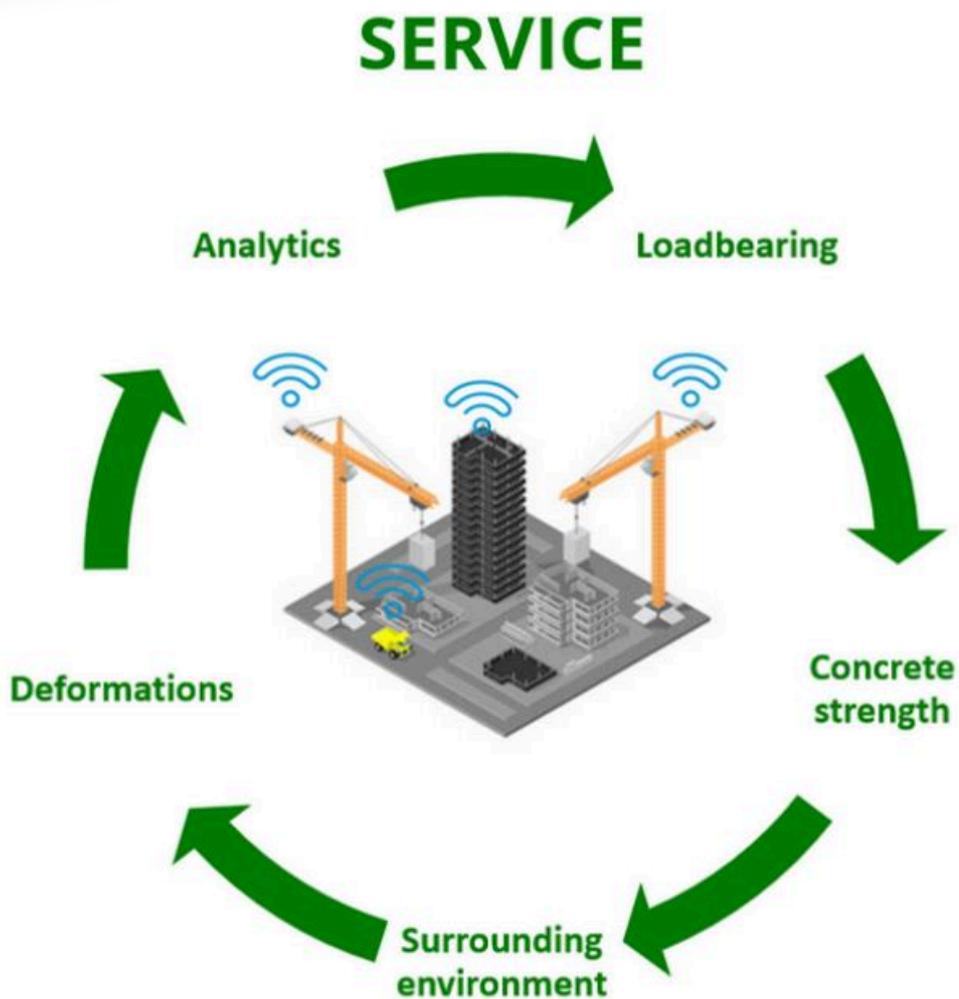


## About Us

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Latvian-based company specializing in wireless real-time monitoring solutions for the construction industry.

Adventum Tech provides "turn-key" real-time monitoring service, offering not just hardware and software, but also expertise and support to help construction companies overcome common challenges.



## LIVELOAD.APP

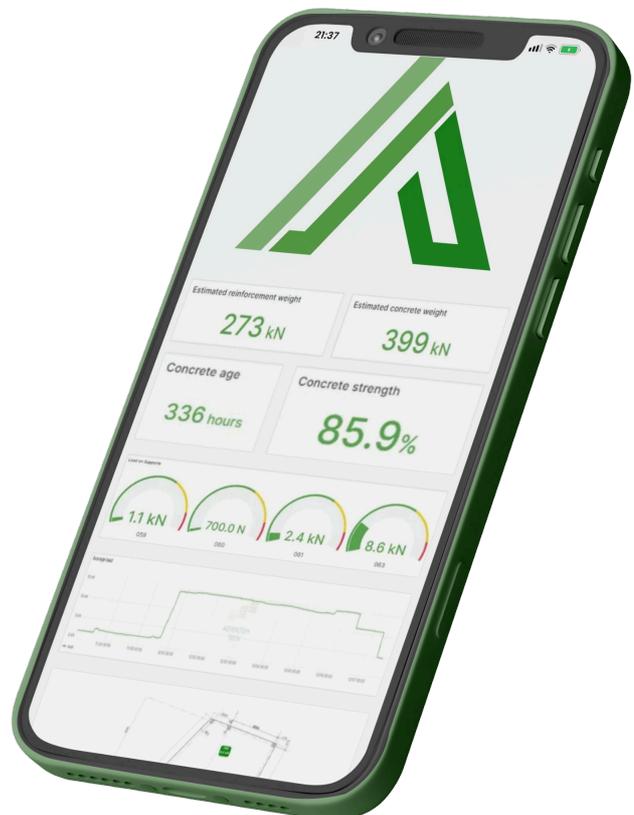
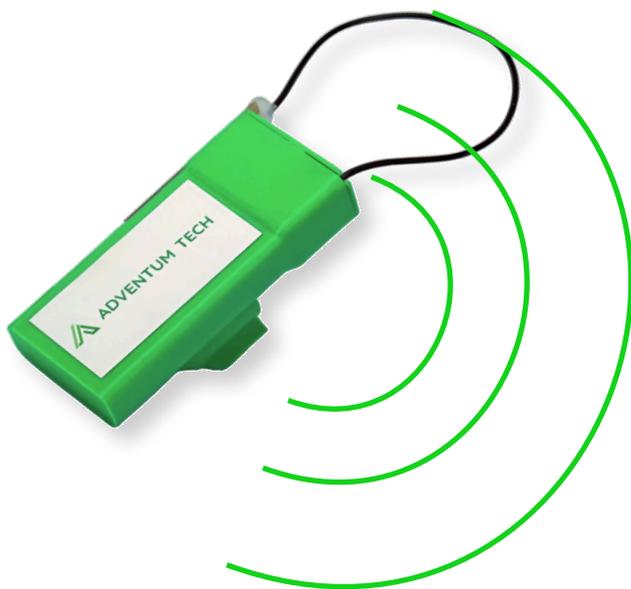
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**Centralized Data:** Get a complete overview of your project's progress and performance. Identify potential hazards all in one place.

**Real-time Insights:** Take data-driven decisions and adjust your actions proactively with the immediate access to critical data.

**Beyond Data:** Powerful tools for analysis, reporting and claim support.

**Comprehensive Data:** Liveload.app integrates data from all Adventum Tech sensor systems, with options of other manufacturer sensor integration.



## LiveLoad

**Real-time load monitoring:** Tracks the load bearing capacity of temporary and permanent structural systems.

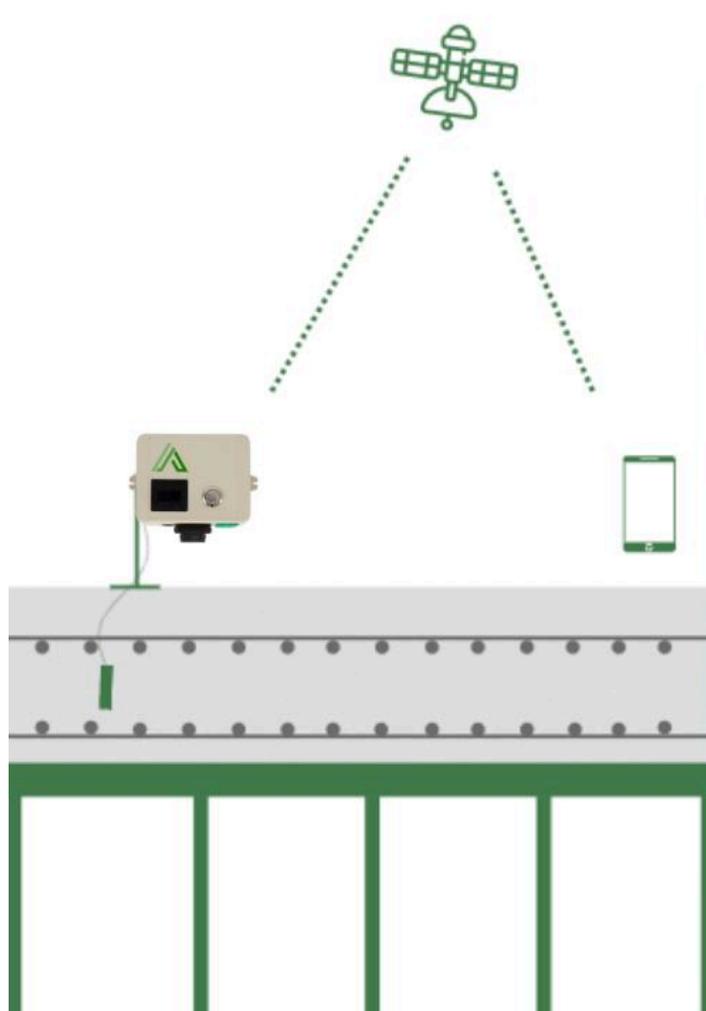
**Benefit:** Prevents overloading, ensures stability, and helps avoid costly mistakes by providing real-time warnings of potential issues.



## TempSense

**Real-time concrete curing monitoring:** Tracks the temperature of curing concrete.

**Benefit:** Ensures proper curing for optimal strength and durability, reducing the risk of premature failure and costly repairs.



## SlabControl

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**Real-time concrete curing monitoring:** Tracks concrete behavior, loadbearing, vibration impact, inclination and settlement patterns, the bending deflection of structural slabs and structures.

**Benefit:** Identifies potential structural issues early on, preventing costly repairs or catastrophic failures



## QuakeControl

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**Real-time concrete curing monitoring:** Tracks external vibration impacts. The system provides real-time monitoring and instant notifications when vibration values exceed predefined limitations, enabling stakeholders to take immediate action when necessary.

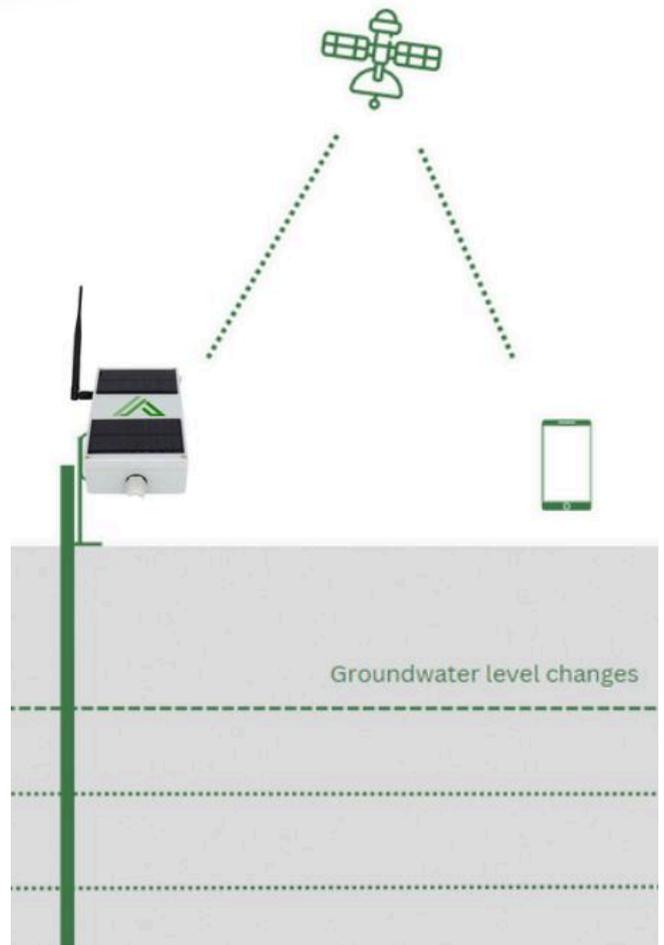
**Benefit:** Identifies vibrations potential structural issues early on, preventing costly repairs or catastrophic failures



## FlowSense

**Real-time concrete curing monitoring:** Tracks ground water levels to ensure the stability of surrounding soil and prevent potential hazards.

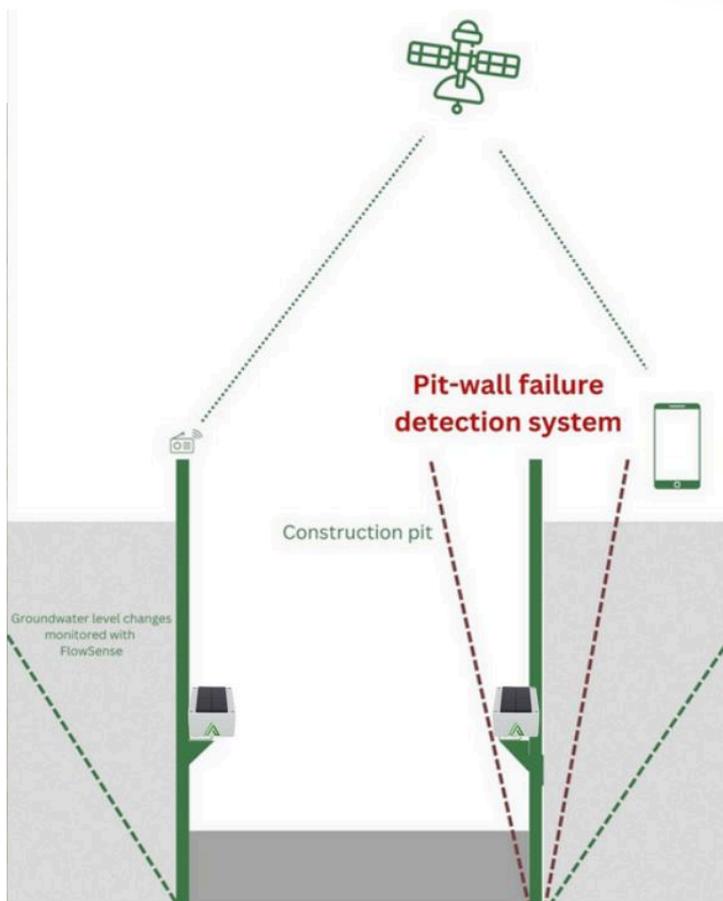
**Benefit:** Prevents foundation issues and costly repairs related to water infiltration or soil movement.



## SafePit

**Real-time concrete curing monitoring:** Tracks the stability of excavation pit walls to prevent collapses.

**Benefit:** Ensures worker safety and prevents costly delays caused by excavation failures.



# SoundControl

**Real-time concrete curing monitoring:** Tracks noise levels in the surrounding environment to ensure compliance with regulations.

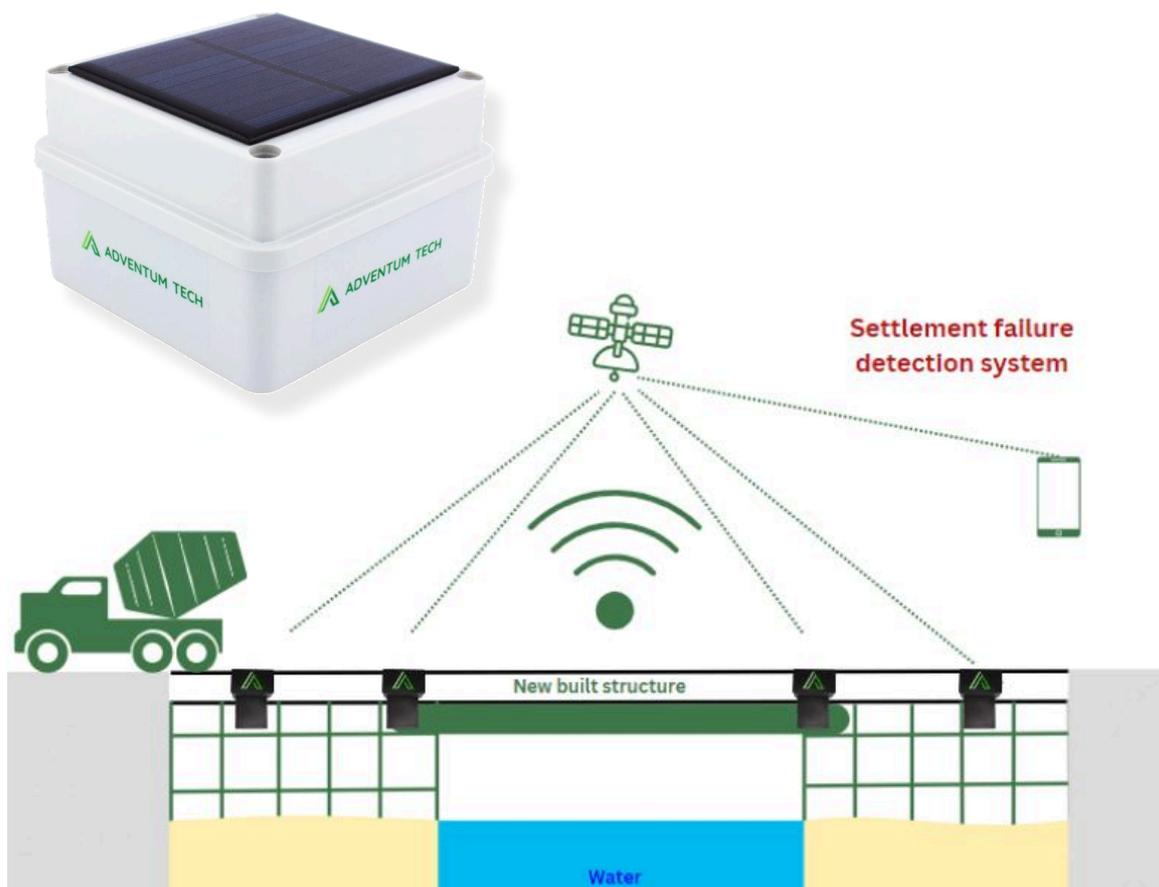
**Benefit:** Prevents costly fines and penalties for exceeding noise limits, and promotes a safer and more comfortable working environment.



## GroundControl

**Real-time concrete curing monitoring:** Tracks the movement and stability of supporting structures and soil.

**Benefit:** Detects potential settlements and foundation issues early, preventing costly repairs and ensuring the stability of the overall structure.



## Benefits

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- One-Stop Shop: We offer a wide range of sensor solutions and expertise to meet all your construction monitoring needs.
- Enhanced Safety: Proactive hazard detection through real-time monitoring prevents accidents and ensures a safer construction environment.
- Improved Efficiency: Real-time data optimizes construction processes, reducing delays, rework, and costs.
- Higher Quality: Monitoring critical parameters ensures high-quality construction, minimizing failures and defects.
- Smarter Designs: Data-driven design leads to more sustainable and cost-effective solutions.
- Environmental Sustainability: Our solutions contribute to CO2 footprint reduction through optimized material usage and design.
- Industry Expertise: We have extensive experience in the construction industry, ensuring our solutions are tailored to the specific needs of their clients.
- Industry-Leading Value: Our pricing is competitive, so you can focus on achieving your project goals.





## MEASURING THE INVISIBLE

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### Contact Adventum Tech

For more details, custom configurations, or pilot projects:

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