



Adventum Tech

LiveLoad

TempSense

SlabControl

QuakeControl

FlowSense

SafePit

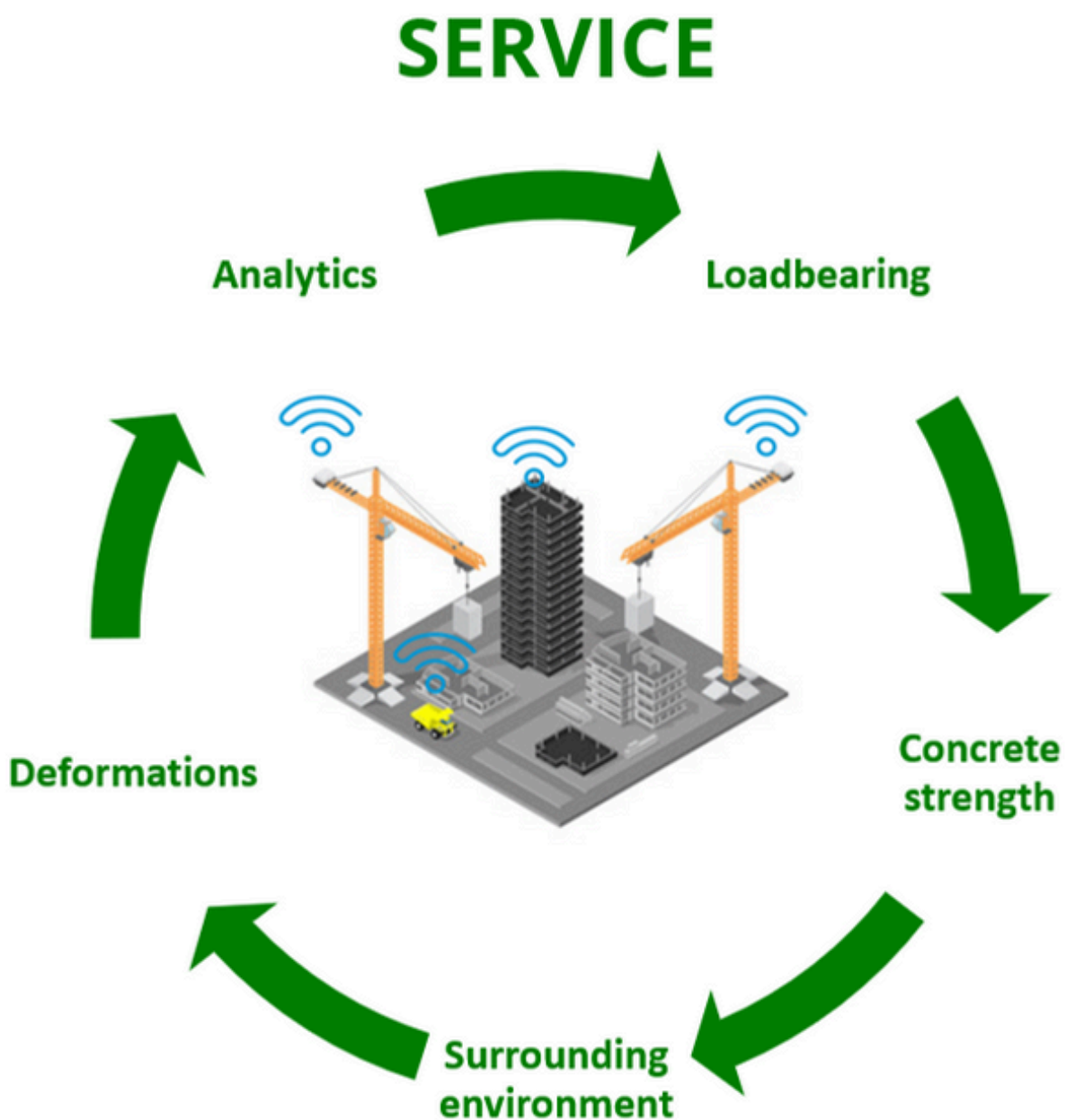
SoundControl

GroundControl

About Us

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

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.

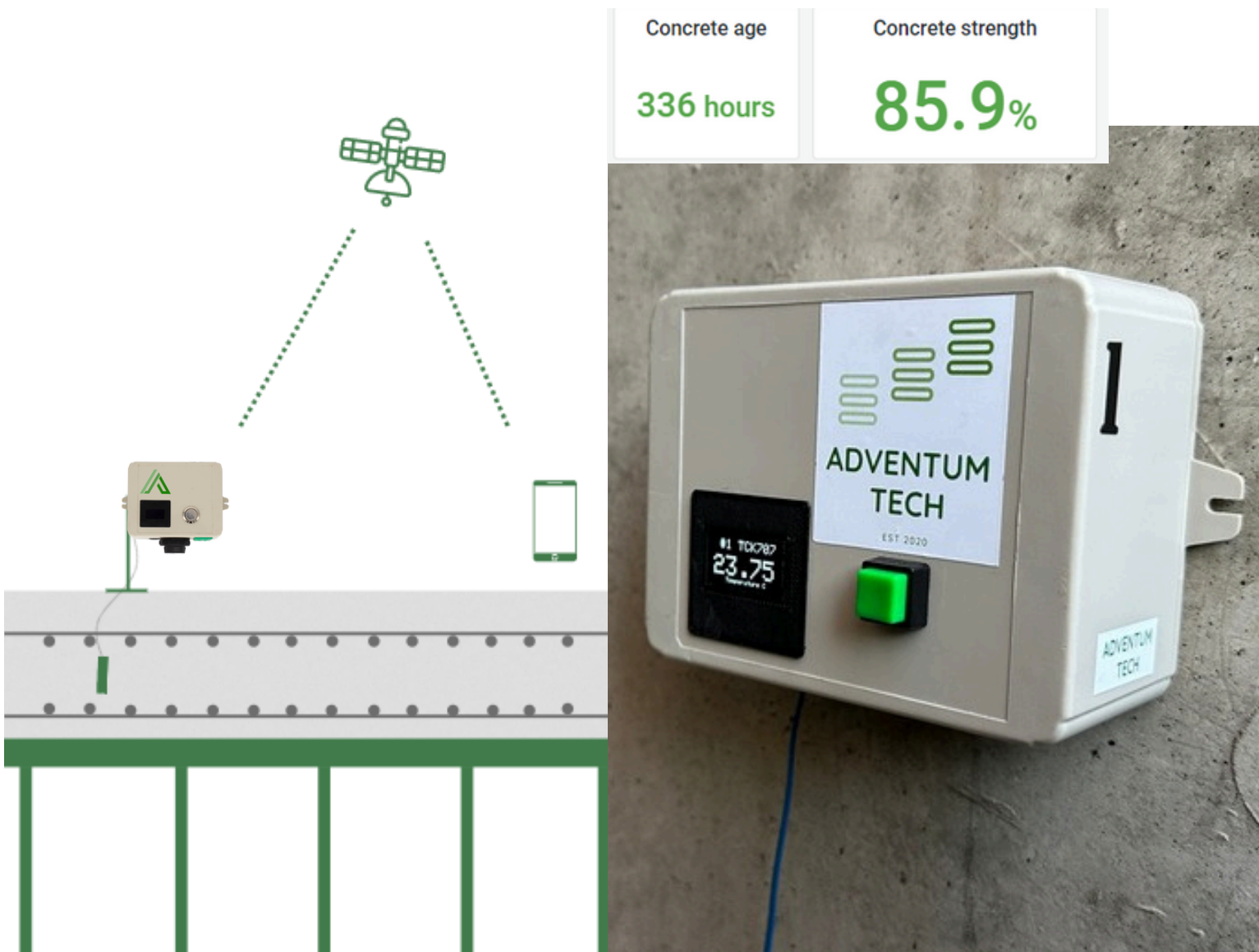
Benefit: Prevents overloading, ensures stability, and helps avoid costly mistakes by providing real-time warnings of potential issues.



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

Real-time structural deformation 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

Real-time vibration 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.

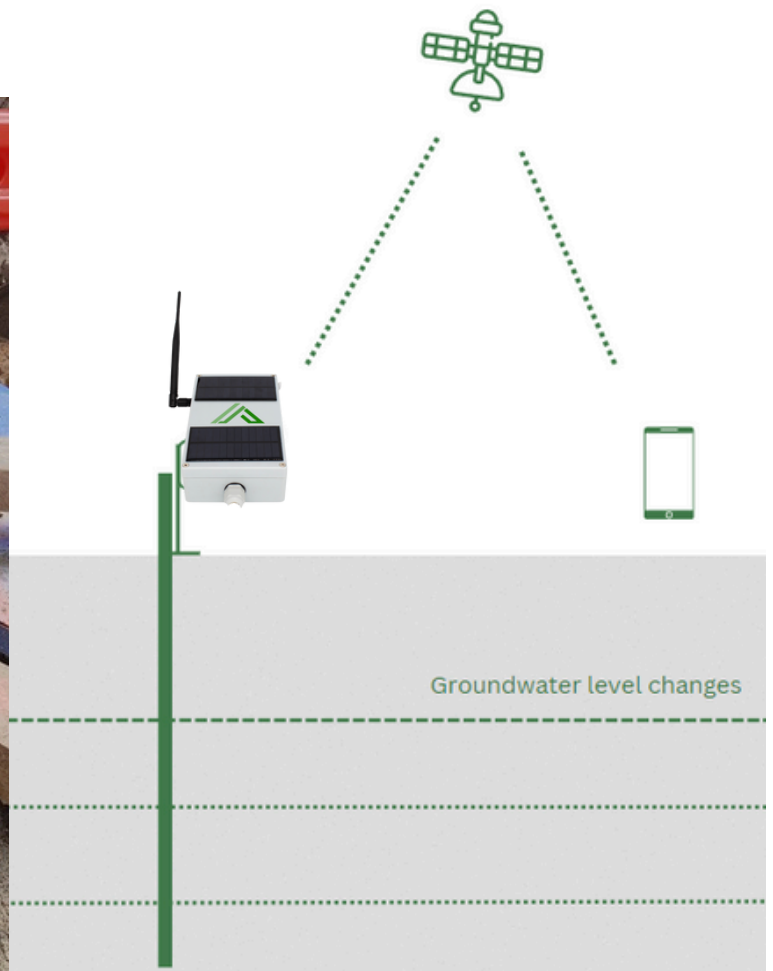
Benefit: Identifies vibrations potential structural issues early on, preventing costly repairs or catastrophic failures



FlowSense

Real-time groundwater level monitoring: Tracks groundwater levels to ensure the stability of surrounding soil and prevent potential hazards.

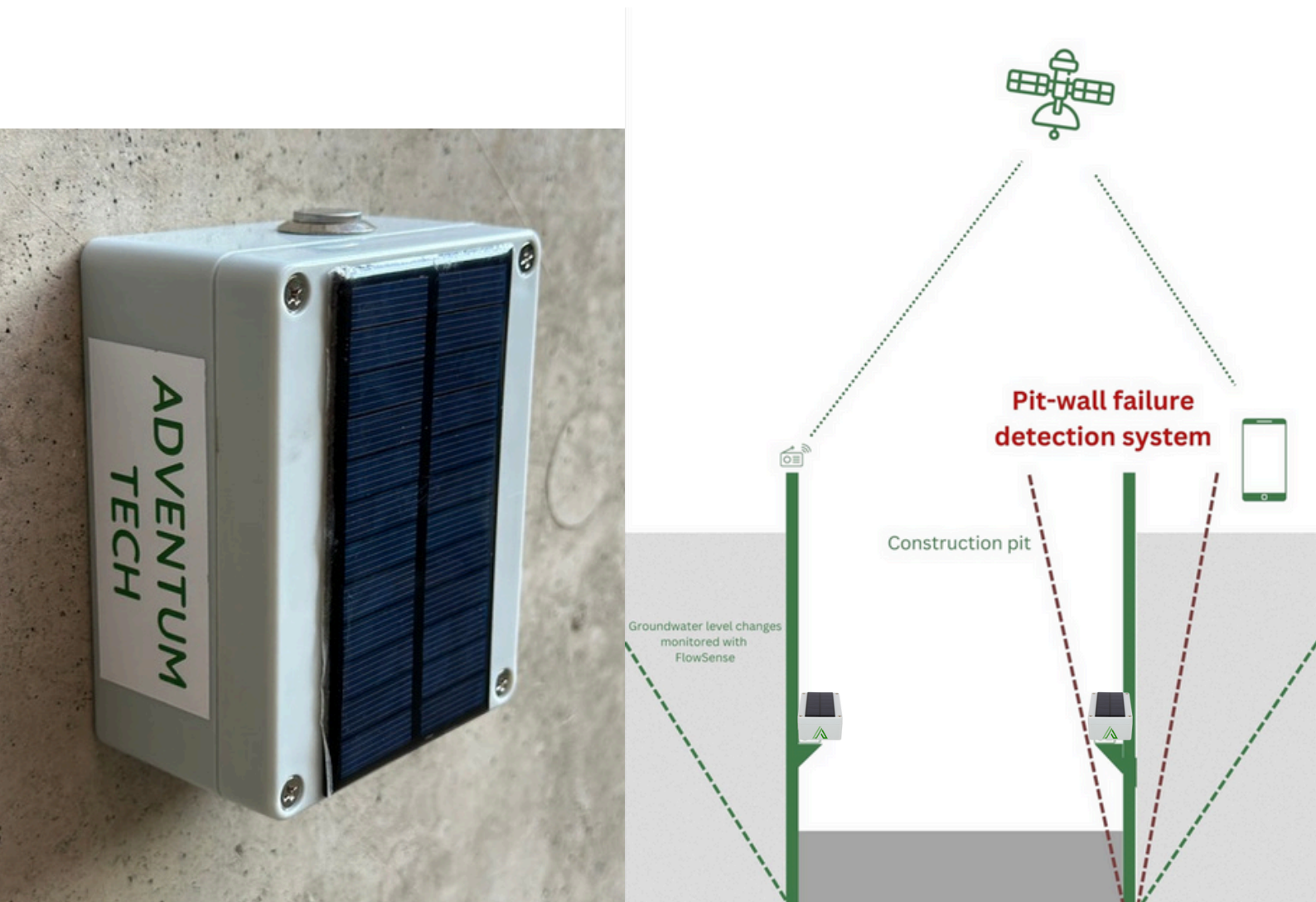
Benefit: Prevents foundation issues and costly repairs related to water infiltration or soil movement.



SafePit

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

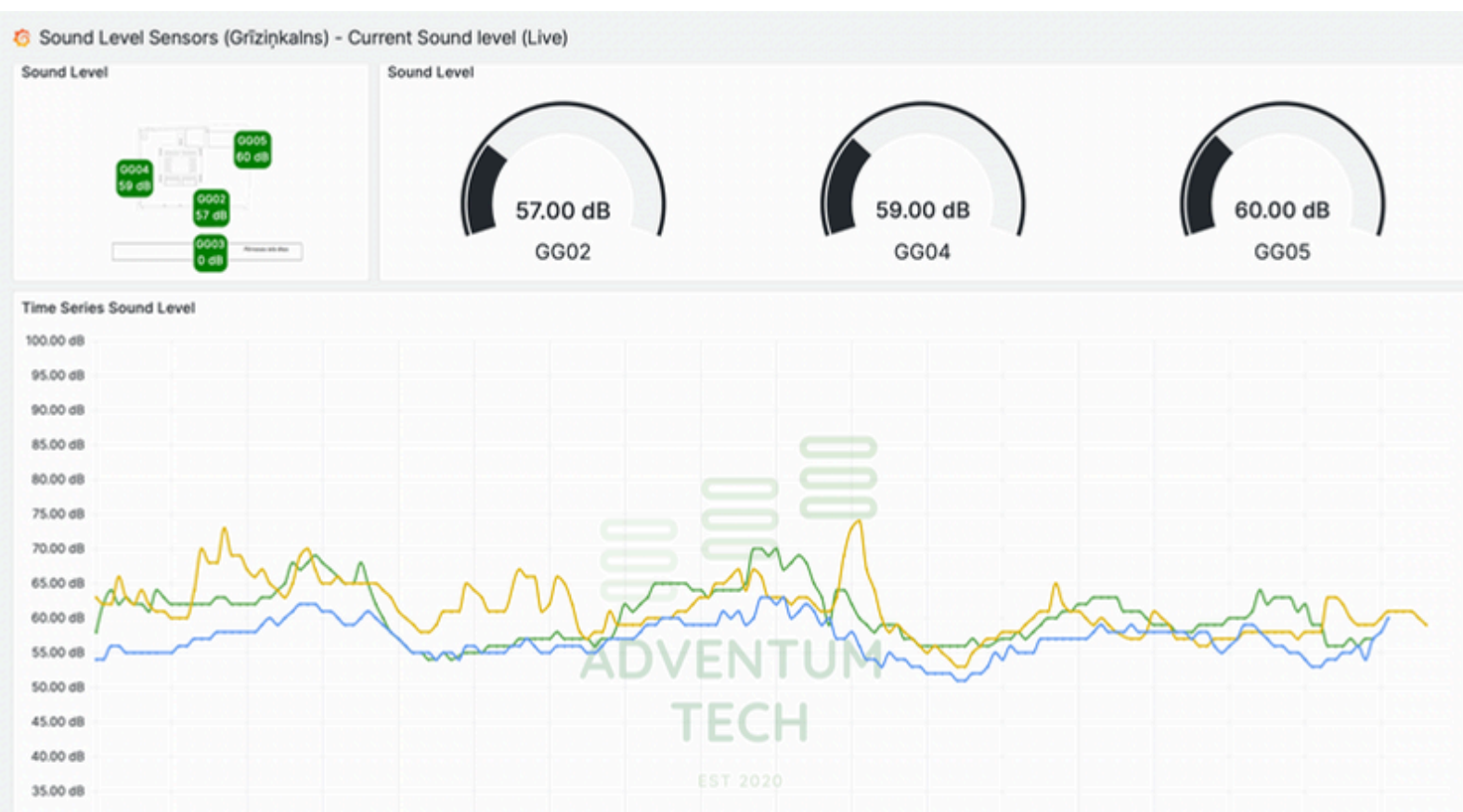
Benefit: Ensures worker safety and prevents costly delays caused by excavation failures.



SoundControl

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

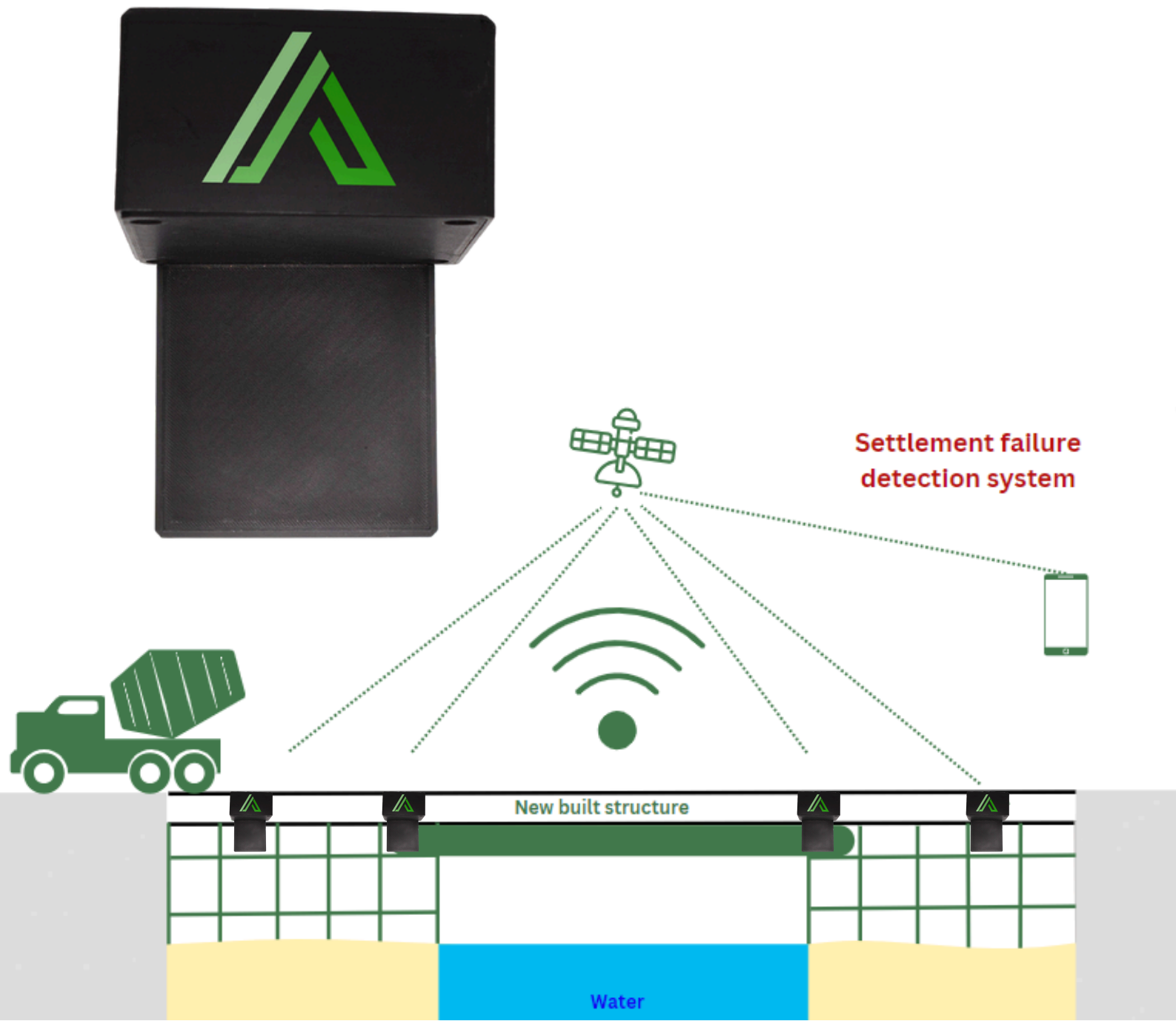
Benefit: Prevents costly fines and penalties for exceeding noise limits, and promotes a safer and more comfortable working environment.



GroundControl

Real-time soil and structure settlement monitoring: Tracks the movement and stability of supporting structures and soil

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



Benefits

- **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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