



INZWA

# ENVIRONMENTAL IMPACT MONITORING SOLUTIONS

● VIBRATION ● TILT ● DUST ● SOIL ● TOTAL STATION ● NOISE ● CRACK GAUGES

# INZWA CLOUD

Environmental Impact Monitoring Solutions

## Headaches from your data stop here.



Remote data management, anytime, anywhere.

➤ Your days of wrestling your data are done. ◀

Tired of spending hours (or days) wrestling with disparate systems to get the data reporting you need? The Inzwa Cloud's "plug-and-play", device-agnostic platform makes that a thing of the past. (Really. We do.)

Our Cloud's ecosystem is device-agnostic, not locking you in like other platforms. We integrate seamlessly with third-party sensors, allowing you to continuously log, communicate, process and provide

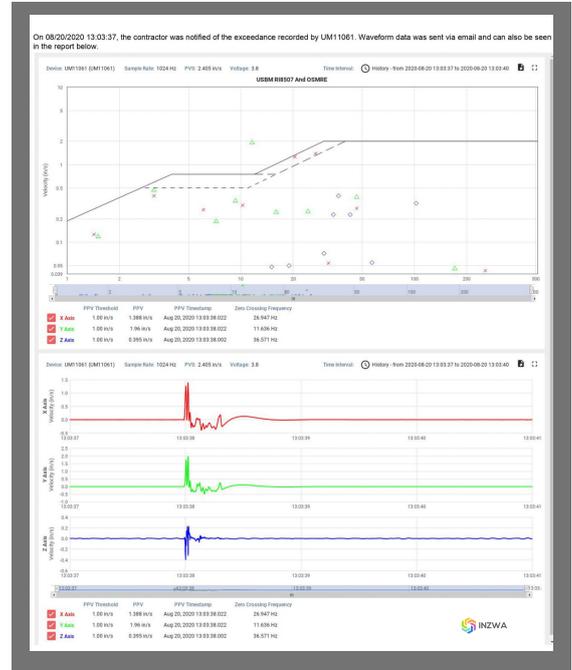
real-time data visibility and comprehensive reporting of all the devices you're managing on the platform.

We currently support several different makes and models of geotechnical monitoring devices as well as our own; if you want to see your devices are covered, just ask! It's likely that our flexible platform (and people) can easily add it.

# Finally. Hassle-free automated summary reporting. (We heard you).

Ever feel like your reporting is running you instead of the other way around? That can now be a thing of the past. No more cobbling together your periodic summary reports, taking hours to produce and compromising your productivity (not to mention blood pressure). With your geotechnical monitoring equipment managed on our device-agnostic Cloud platform, you'll be able to:

- Set up your reporting requirements and alarm thresholds in minutes.
- Easily schedule standards-compliant, automated summary reports to be emailed to your projects' stakeholders.
- Monitor and comprehensively report measurements from all your Cloud-managed geotechnical monitoring devices in real time and from any screen.



Want to see one up close and personal?  
Download a sample report at [www.linzwa.io/cloud-platform](http://www.linzwa.io/cloud-platform)

## Geotechnical Monitoring Applications



Construction Site Monitoring



Civil Engineering Projects



Tunnel & Subway Monitoring



Excavation & Mining

# INZWA VEVA III

Vibration & tilt monitor

Vibration & tilt monitoring  
without the headaches.

Compact & lightweight  
for easy installation

ISEE & DIN45667-1  
compliant

Integrated lithium  
battery with up to  
1 year lifespan

Flexible  
antenna  
options

Auto orienting

Single screw  
mounting design

Inzwa Cloud  
integrated & activated;  
sets up in minutes



**Easy to install.** Weighing just 2 1/2 pounds, the Veva III vibration & tilt monitor mounts to a wall in minutes with just one screw. The device can be buried and auto-orienting when mounted vertically or horizontally. Just mount it, activate it, and go.

**Easy to activate.** The Veva III vibration & tilt monitor arrives fully integrated and activated with the Inzwa Cloud and cellular service - no on-site setup required! The Veva III also integrates with many GIS systems.

**Easy to manage.** The Veva III monitor's integrated, D-cell Lithium batteries give up to a year of uninterrupted monitoring. The Inzwa Cloud platform allows for 24/7 visibility and remote management of each device from any screen. Software updates are easy, too, with over-the-air programming.

**Improve your ROI.**  
With fast installation and up to one year of battery life, the Veva III requires fewer site visits to set up, maintain and service. This saves you time, money and aggravation, and increases the device's ROI.

# INZWA'S BEST FEATURE: Helping our users succeed.

## Tamper-proof monitoring for P.A.T.H. subway expansion project.



Kilduff Underground Engineering, Inc., was hired to perform vibration monitoring for a new subway cross-passage tunneling project for the Port Authority Trans-Hudson (P.A.T.H.) in Jersey City, NJ. They turned to Inzwa to ensure the excavation activity did not create any adverse impact to existing structures above and below ground.

An important consideration was how to maintain monitoring integrity on busy sidewalks overhead. Inzwa made it simple. "What we really like about this device was that all we need to do is pound a threaded bolt into the sidewalk, drop a utility box on top of it, and then mount this device inside," Kyle Scanlan with KUE said. "It provides that peace of mind knowing that the vibration monitor isn't going to be tampered with while construction goes on," he added. "Really nice job, Inzwa."



## Pile driving next door to a glass house? Tricky.

When your next-door-neighbor's house is made predominantly of glass, concerns about pile driving for a new retaining wall can be serious business. That's when Alan Levine, principal and lead engineer of The Lighthouse Companies, turned to Inzwa's Veva III vibration monitor and Cloud platform to mitigate his client's risk (and protect neighbor relations!).

The Veva III's compact size, integrated battery and cellular service and the Cloud's user-friendly interface made it possible for Levine's team to configure and activate the system in minutes. But it was the ability to easily replace the standard antenna with one attached to over 50 feet of coaxial

cable that was the key to the Veva III's success on site. "I could see clear rises in vibration levels with each pile being driven," Levine said. "PPV levels remained well below the parameters of the project, which gave us all peace of mind that the home's structural integrity was not compromised."



## "It was pretty perfect."

Denver's multi-year, North System Renewal Project called for more than a mile of new, 60-inch pipeline straight through several residential neighborhoods of Wheatridge, CO. To mitigate risk and maintain positive community relations, Banks Irelan with Kilduff Underground Engineering, Inc., turned to Inzwa to provide vibration monitoring for the duration of the project. Given their small size and fully integrated design, deployment couldn't have been easier; Irelan didn't even need to affix the devices to the buildings. "It was really easy," he exclaimed. "I just put it down outside the house, turned it on, put a sandbag on it and let it run." This made relocating each device to the next house in line as excavation commenced simple and easy, too. "It was pretty perfect," Irelan said.



Hurdles, complexities,  
frustrations, tedium –  
how did chasing your dreams  
turn into  
chasing to-do lists and  
mundane tasks?

At Inzwa, we believe there's a better way.  
A way to turn time-consuming, repetitive chores into a path  
to greater challenges and success.

How? By making it easier to gather and report environmental data, with  
user-friendly devices and a platform so clear and simple, you don't have to  
be an engineer to use it. The result? Limits are lifted, you get time and  
bandwidth back, which means you get more time to focus on bigger, more  
meaningful challenges.

This is our pledge to you: No more headaches. We guarantee it.



**Lose the limitations. Call us today.**

For more information or to schedule a demo,  
please contact us:  
(844) 44-INZWA  
sales@inzwatech.com  
www.inzwa.io