



Gigaton Spotlight: NevadaNano

How AT&T connectivity expertise enables emissions reduction and business value

About NevadaNano

[NevadaNano](#) provides safety and climate solutions for many of the world's largest corporations, with innovative multi-gas sensing products and automated continuous emissions monitoring systems based on their proprietary MPS™ sensor platform.

Gigaton Pathway: Methane Waste to Value

- NevadaNano's [MethaneTrack™](#) is a cutting-edge system developed for real-time methane leak detection and quantification, leveraging advanced sensor technology to help industries manage and reduce their environmental impact effectively.
- Companies in energy and environmental sectors around the world use MethaneTrack™ to monitor methane emissions, reduce environmental impact, maintain compliance and prevent revenue loss.



NevadaNano is contributing to AT&T's Gigaton Goal

- Methane is the second most powerful greenhouse gas, with 28 times the warming potential of carbon dioxide over a 100-year time scale. Since the Industrial Revolution, methane has contributed to roughly 30% of global temperature increases.
- MethaneTrack™ helps reduce greenhouse gas emissions by providing real-time, precise methane leak detection that enables companies to quickly identify and fix emission sources, thereby minimizing methane release into the atmosphere and supporting environmental compliance and sustainability goals.
- With the energy sector accounting for more than one-third of methane emissions attributable to human activity, solutions targeting energy and environmental industries present the opportunity for large-scale emission reductions.

Connectivity helps enable NevadaNano's success

- NevadaNano's methane sensing network, powered by AT&T's IoT connectivity, monitors for and detects leaks with real-time, localized alerts enabling faster response and repair times.
- AT&T's global IoT infrastructure securely transmits continuous methane emissions data to NevadaNano's cloud-based tools while ensuring the protection of sensitive environmental information.
- The work with NevadaNano exemplifies AT&T's commitment to using connectivity and expertise to drive innovative solutions that tackle environmental issues.