

Bloodhound Tracking Device Delivers Breakthrough Security for the Battery Storage Market

As demand for Battery Energy Storage Systems (BESS) skyrockets, Bloodhound protects against theft, environmental hazards, and operational failures

HOUSTON, TX, UNITED STATES,
September 23, 2025 /

EINPresswire.com/ -- With the grid-scale battery storage market [projected to reach](#) ≈\$44B by 2030, deployments are proliferating across critical infrastructure—and the sector faces mounting risks: site theft, overheating/thermal-runaway with toxic gas release, and water intrusion that compromises uptime and safety. increasingly threaten uptime, safety, and investor confidence.

[Bloodhound Tracking Device](#) (BTD) has introduced a revolutionary security platform designed specifically for the battery storage industry. By combining covert asset tracking, environmental sensing, and tamper-proof integrity records, BTD ensures that mobile and stationary BESS installations remain secure, resilient, and operational at all times.



20ft. Containerized BESS system.

The Urgent Challenge for Battery Storage

As energy transition accelerates, BESS has become a cornerstone of grid stability, backup power,

and decarbonization strategies. But with growing adoption comes growing exposure:

- Organized theft of lithium batteries at ports and border crossings is on the rise.
- Safety hazards like overheating, toxic gas buildup, and water damage have triggered costly failures worldwide.
- Operational downtime caused by tampering or undetected environmental events can jeopardize entire projects.

Without next-generation monitoring, these risks undermine the sector's critical role in the clean energy economy.

Bloodhound's Breakthrough Solution

Bloodhound safeguards BESS assets during international shipping, off-loading to truck transportation to the final destination, with a fully integrated platform that provides continuous, verifiable oversight:

- Multi-layered protection: detects theft attempts, tampering, shocks, and breaches in real time.
- Redundant, self contained Environmental safety monitoring: tracks overheating, toxic gas buildup, humidity, and CO2 to prevent catastrophic loss.
- Triple-redundant connectivity: SATCOM, cellular, and proprietary mesh networks ensure uninterrupted visibility, even in remote deployments.
- Proven resilience: achieved 98.3% reliability across 174,000 miles of global field trials.
- Rapid, low-cost deployment: disguised hardware installs in five minutes, blending seamlessly into BESS storage container-styled field units.

Securing the Future of Clean Energy

"Battery storage is too valuable — and too vulnerable — to leave exposed," said [Curtis Spencer](#), CEO of BTB. "Bloodhound delivers the verifiable security and real-time environmental oversight the industry needs to expand safely and sustainably."

About Bloodhound Tracking Device, Inc.

Founded in Texas in 2021, Bloodhound Tracking Device, Inc. (BTD) delivers advanced asset-tracking and monitoring solutions for freight rail, maritime transport, and critical infrastructure security. With covert hardware, triple-redundant connectivity, and tamper-evident data integrity,

BTD empowers operators to reduce theft, mitigate environmental risks, and build resilient global supply chains. Learn more at www.btdtracker.com

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