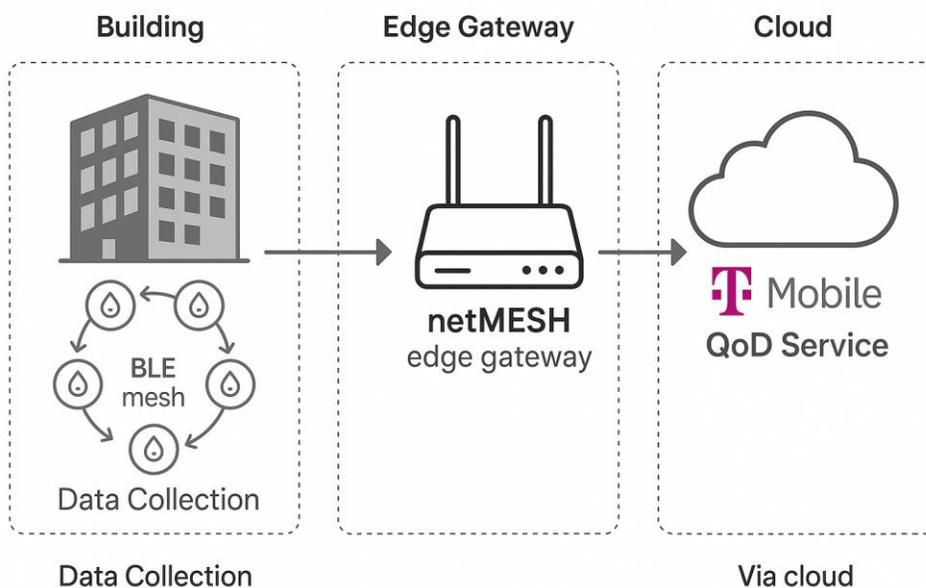


BleedIO Tech Product Vision

BleedIO Tech Product Vision

High-level investor-use view derived from the current `bleedio-product-plan` product vision master and the approved reference diagrams.



BleedIO Tech product vision graphic

Vision in one sentence

BleedIO Tech builds resilient edge device networks on a different open standard, with an AI layer for smarter mission-critical operations where Wi-Fi and cellular fall short.

Product path

locMESH now

locMESH is the current commercial wedge. It gives BleedIO a near-term path into real customer environments through location-aware operations, device monitoring, event workflows, and infrastructure-light deployments that can prove value without asking the buyer to adopt the full long-range platform vision on day one.

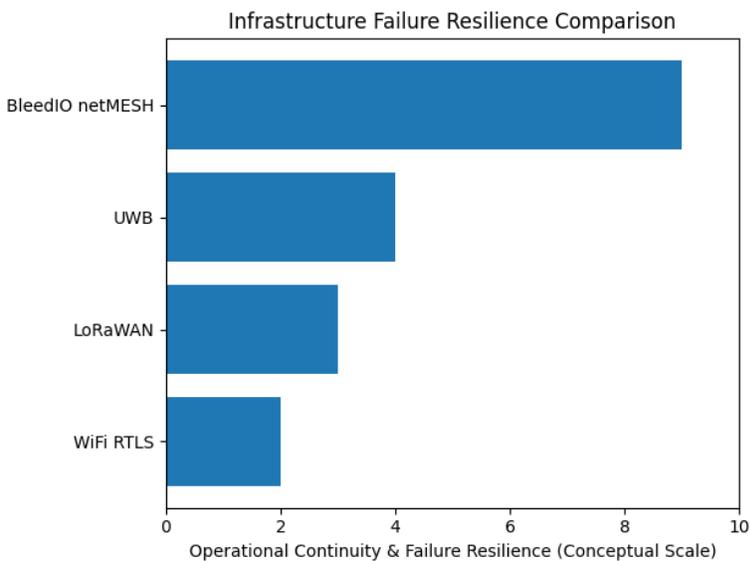
netMESH next

netMESH is the broader platform move. The goal is a decentralized, self-healing wireless network layer that reduces dependence on hubs, fragile uplinks, and infrastructure-heavy architectures. That network layer is what unlocks the larger strategic story: resilient operations, multi-node coordination, and continuity in environments where common alternatives break down.

Platform expansion

The product plan extends beyond connectivity alone. The latest product-vision master organizes the roadmap around five shared pillars:

- **Connectivity:** netMESH as the resilient network layer
- **Positioning:** locMESH as the operating wedge for real-world deployments
- **Identity:** secure mobile and beacon-based device identity
- **Edge intelligence:** local rules, anomaly detection, and offline continuity
- **Cloud governance:** provisioning, visualization, tenancy, OTA control, and analytics



BleedIO Tech resilience graphic

What the platform is meant to deliver

- resilient local operation when backhaul is weak, absent, or unreliable
- lower infrastructure burden than hub-centric or gateway-heavy alternatives
- hardware-agnostic deployment across mixed field environments
- position, presence, telemetry, and alerting in one operational stack
- gradual expansion from point solution to broader enterprise platform

Execution horizon

Horizon Focus

Horizon	Focus
2026	Scale the commercial base, harden the core network behavior, deepen locMESH, and advance the first large netMESH validation milestones
2027	Expand node scale, improve reconvergence and edge decision latency, and formalize the platform around identity, edge logic, and cloud control
2028	Reach the end-state vision: resilient connectivity, infrastructure-independent positioning, enterprise identity, and edge-first intelligence as one product stack

Why this matters to investors

The product vision is not just a feature list. It shows how BleedIO can move from today's commercial locMESH deployments into a broader platform company with higher strategic value. The progression matters: current revenue and pilots come from practical operational tools, while the longer-range upside comes from becoming the resilient wireless and edge-intelligence layer for environments where continuity matters more than raw coverage.

Investor takeaway

BleedIO's product vision is to move from a commercially useful operating wedge today into a larger platform position over time. locMESH proves adoption now. netMESH expands the architecture. Identity, edge intelligence, and cloud governance turn that architecture into a defensible product platform rather than a single-purpose connectivity tool.