

Why you can be fully confident that Blyott's solution is secure

Blyott's platform ensures zero risk when using BLE radios on Wi-Fi access points.

1. Secure BLE data broadcasting

- ✓ **One-way communication:** Blyott sensors broadcast minimal data (e.g., ID, battery level). Sensors can't receive or process information, making them impervious to hacking.
- ✓ **Encrypted data:** All BLE broadcasts are encrypted using AES-128, ensuring data is secure from the outset.

2. Isolated data flow

- ✓ **From AP to WLAN controller:** Data flows one way—from the Wi-Fi AP to the WLAN controller on the local network.
- ✓ **Strict filtering:** The controller forwards only Blyott sensor data to the Blyott Cloud, ignoring all other data sources.

3. Secure transmission to the cloud

- ✓ **One-way data flow:** Data is sent only from the WLAN controller (and firewall) to the Blyott Cloud, never the other way.
- ✓ **Encrypted tunnel:** The data is transported TLS encrypted to the Blyott Cloud with no need for reverse communication.

4. Proven security and compatibility

- ✓ **Trusted by healthcare:** Blyott is used by leading hospitals and pharmaceutical companies after extensive technical and security due diligence.
- ✓ **Seamless integration:** Compatible with Wi-Fi vendors like Aruba, Cisco, Extreme Networks, Fortinet, and Juniper Mist.

Data location

Blyott partners with AWS to securely store your data in their state-of-the-art data centers. This way we ensure the highest level of security via robust encryption, multi-layered access controls, and compliance with industry-leading standards keeping your information protected at all times.



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