System Architecture Overview

- **Components:** Web application, database server, mobile terminal, barcode/RFID printer
- **Integration:** REST APIs for third-party systems
- **Mobile App:** State-of-the-art terminal application for audits and asset verification
- **Connectivity:** Supports Wi-Fi, USB, LAN, and GSM (via mobile device)

Tag Type	Frequency	Compliance	Key Use
Non-metal Tags	840–960 MHz	ISO 18000-6C, EPC Gen2v2	General purpose, long-range (up to
Metal Tags	840–960 MHz	ISO 18000-6C	Stable on metal/curved
Heat Resistant	US: 902–928 MHzEU: 860–868 MHz	ISO 18000-6C, Monza4QT	High-temp environments, compact size
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