

Network Toll Solution

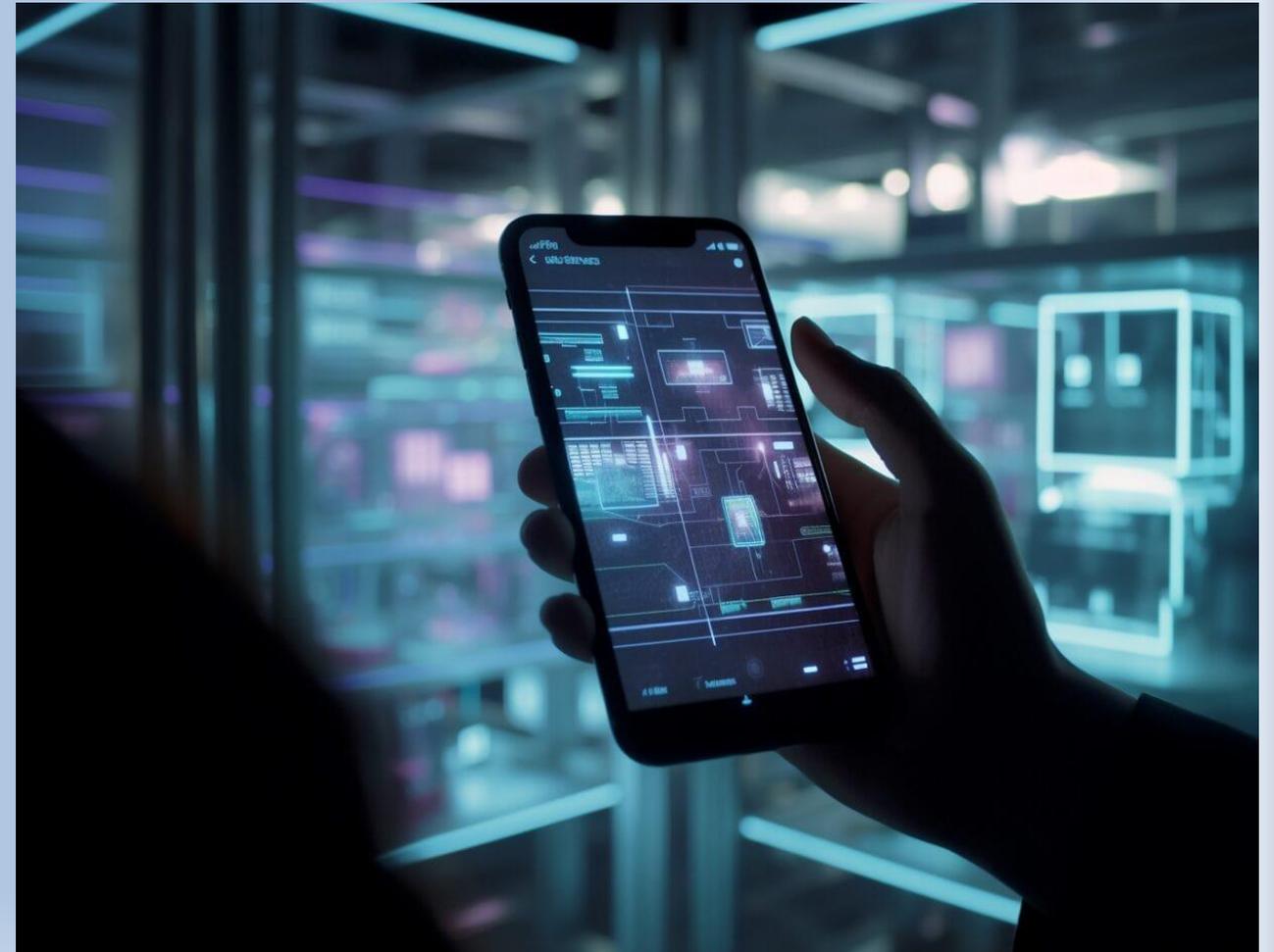
Quest for Excellence

RFID Software Solution

RFID SOFTWARE



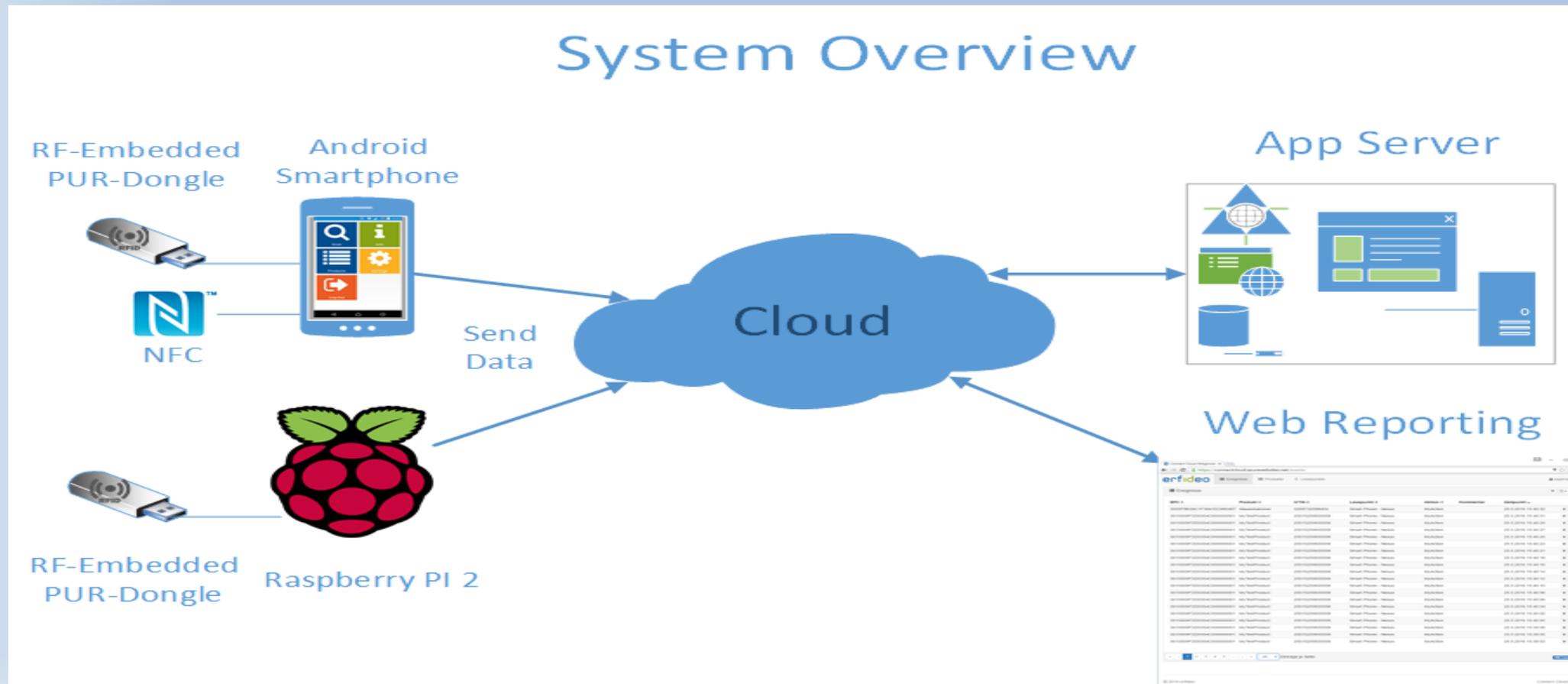
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RFID Software Solution overview

Network Toll Solution is a technology-driven enterprise specializing in RFID-based automation and security solutions. We deliver customized, high-performance systems that integrate RFID, sensors, and intelligent software to enable real-time visibility, control, and automation across multiple domains such as security, racing, logistics, asset management, and access control.



RFID-Based Intelligent Automation Solution

1. RFID-Based Security & Gate Automation

- Automatic boom barrier or gate access using RFID tags
- Vehicle & personnel entry-exit tracking
- Centralized control panel with real-time logs
- Visitor management integration
- Event-based alerts (unauthorized access, duplicate tag, etc.)
- Real-time tracking via RFID tags on vehicles
- Geo-fencing and movement monitoring
- Movement history, idle time, and trip reports
- Fuel theft prevention and GPS+RFID hybrid option
- Weighing Bridge Automation with RFID Application
- Tag-based access for authorized personnel or vehicles
- Secure authentication and entry/exit log reports

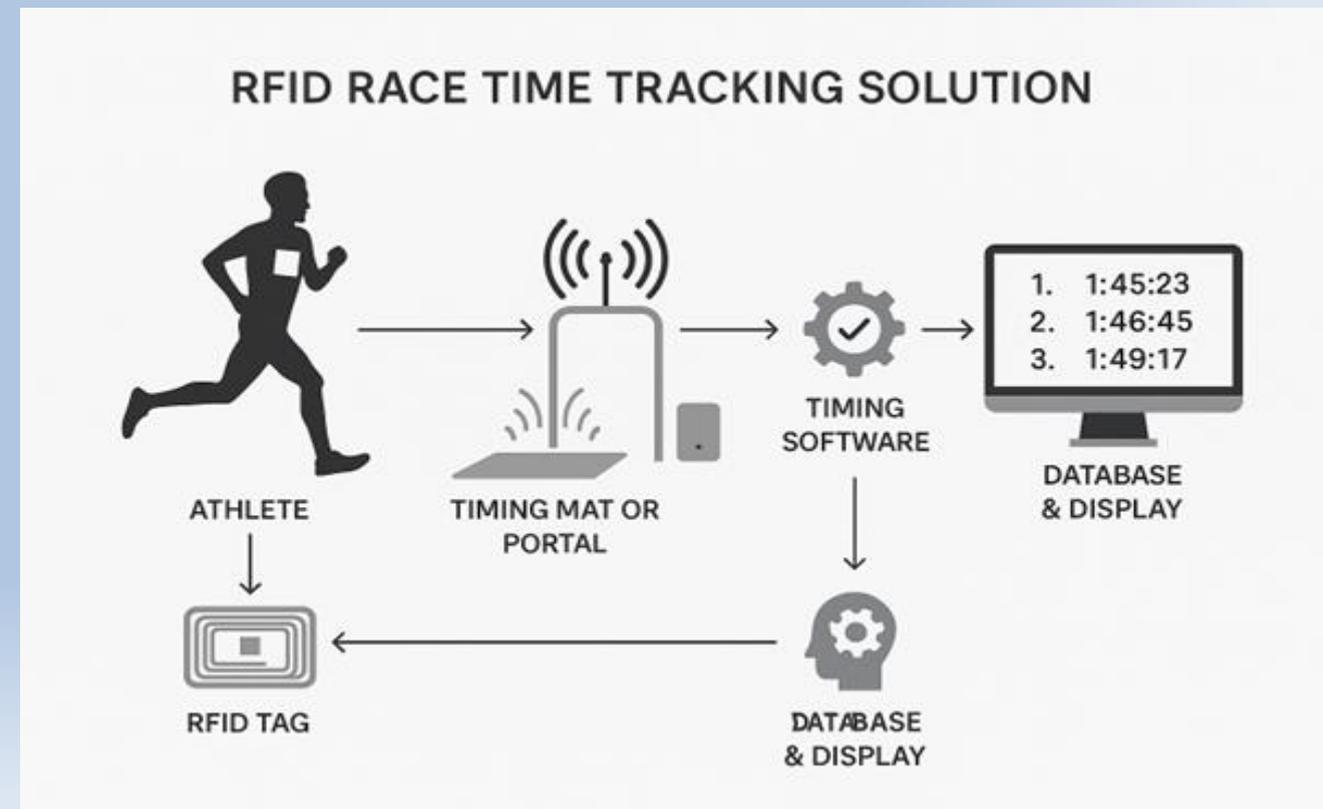


2. RFID Racing / Marathon & Time Logging System

- High-speed tag reading at checkpoints
- Accurate lap time & finish time recording
- Multi-lane race timing with millisecond precision
- Leader boards & live race dashboards
- RFID tags embedded in helmets, bikes, or bibs

3. Work-in-Progress (WIP) Monitoring

- Tracking production flow through different stages.
- Automated data capture on item movement between workstations.
- Downtime and delay alerts.



4. Personnel Tracking & Access Control

- RFID-based ID cards or wearables.
- Track employee movements in restricted zones.
- Emergency roll-call and muster zones for safety compliance.

5. Custom Reporting & Analytics

- Predefined and user-defined reports
- MIS reports, daily movement logs, event logs
- Export to PDF, Excel, and integration with external systems
- Auto-generated daily/weekly/monthly reports
- Custom filters (date range, item type, location, tag ID)
- Live dashboards showing:
- Movement history



The runner's bib number/tag be detected by the mat antenna.



The mat antenna transfer the recorded data to the controller.



The controller update the data to the cloud server.



Download the data from the cloud, display the result on the web.



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