



System Analysis & Feasibility

System Design & Deployment

System Management

Old Main Rd Kloof

KZN South Africa

rfid@projectionsa.co.za

Phone > +27 83 516 1878

+27 72 878 8300

www.projectionsa.co.za

THE
SMART WAY
To Grow
YOUR BUSINESS
With *RFID Technology*



RFID
Business
Management
Systems



RFID Business Management System

We at Projection SA, have a combined RFID experience and knowledge base of more than 30 years. The Company is engaged in an intensive skill growth and development strategy to ramp up its RFID offerings with all partners and convert its substantial resource bases to quantified sustainable RFID applications. We maintain a strong partner relationship with all RFID manufacturers globally. This alliance affords us the opportunity to custom design tags, readers and applications for our clients. We have successful application deployments with the following companies: Lonmin, Vodacom, KWV, Harmony, Kumba Iron Ore, Toyota, Toyota Boshoku, Exxaro, Assmang, Swazi Sugar Association, Anglo Platinum, Standard Bank, Aunde Group & Unilever.

RFID System Benefits

Our system utilises state of the art UHF 865 MHz passive RFID technology to wirelessly manage “assets” within your environment.

Applications

- Asset Management
- Asset Security
- Document Management
- Store Room & Logistics Management
- Warehouse Management
- Hospital Management with Patient & Asset Tracking
- Track & Trace Systems
- Manufacturing & Production Systems

RFID Objectives:

- *Reduce the human error factor
- *Automate workflow processes
- *Provide accurate and measurable data
- *Document and report historical data in real time

Fixed Point RFID Reader GateWays

Single and Multiple Antenna RFID Readers

Mobile Handheld RFID Readers

Custom Designed Software Environment

Owner Managed Implementations

After Sales Support With SLA's

Optional Remote System Management

Custom Designed RFID Tags Per Application

Modular Based Applications

Fixed Reading - UHF RFID Detection

Passive UHF technology emits an RF signal which powers the passive tag when in range and allows it to transmit its unique EPC GEN2 ID code back to the reader. The management system then verifies the “assets” signature and characteristics in the database and then performs the prescribed control actions to manage the “asset”.

Mobile UHF RFID Detection

Our Handheld UHF RFID Readers provide mobile tag reading with the following features:

- *1D and 2D barcode reading
- *UHF RFID reading
- *2MP Digital Camera
- *WiFi and Bluetooth
- *3G and GPS

Current Operational Systems

We have 35 successful deployments in most vertical markets

- *Patient tracking system using dual tag technology
- *Garment Rental management system using heat resistant silicon based tags
- *Asset management system using metal mount tags and asset tags
- *Document management system using paper based adhesive tags and a smart cabinet
- *Asset security system using electronic safe tags and silicon tags



www.projectionsa.co.za
rfd@projectionsa.co.za
 Tel: +27 83 516 1878
 +27 72 878 8300

