

# RFID IMPLEMENTATION

## PROFESSIONAL SERVICES

### Radio Frequency Identification (RFID) Implementations Professional Services

Code: PS-IMP-RFID-01

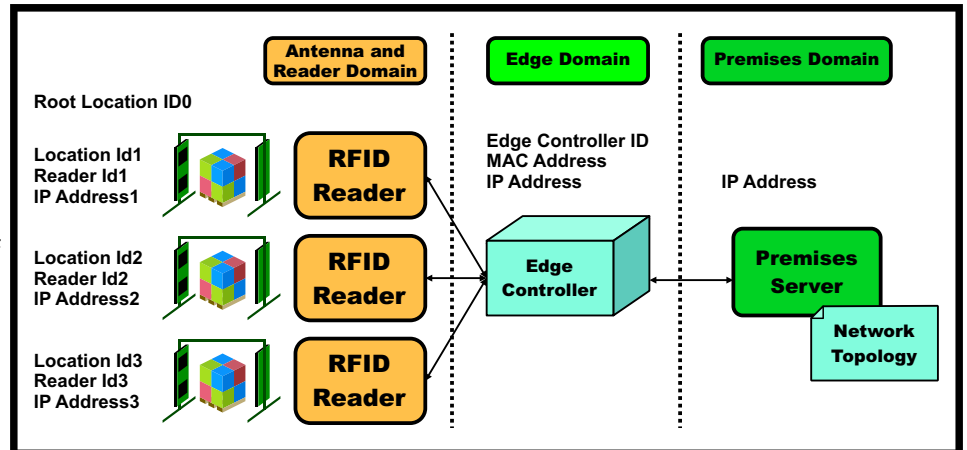
#### Overview

RFID systems have been available for years, but many who have tried an RFID implementation have found it more difficult than expected. As with most complex undertakings, up front education and planning increases the chance of success.

An RFID implementation should always be done with the assistance of an experienced system integrator, preferably one with experience implementing in environments

similar to your own. Before implementing your new RFID system, turn to the expertise of the PT. Autojaya Idetech / PT. Solusi Periferal's Professional Services team. Our clear vision of the implementation process and expected performance of your RFID solution helps reduce risk and overall project cost.

Our Professional Services provide all the expertise and support your company will need to successfully implement an RFID solution, providing expert guidance through all the physics related stages of the project, including technology feasibility; proof of concept; process analysis; hardware specification; success criteria; site suitability analysis; installation, tuning and testing; and maintenance support.



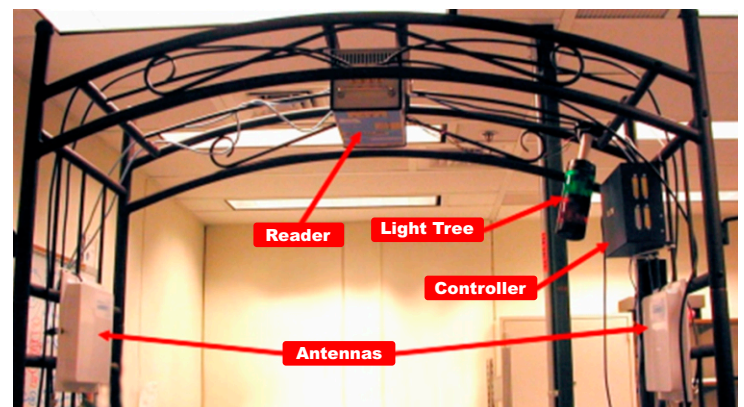
#### Implementation Scope of Work

RFID technology can provide you with increased efficiency, security and visibility into your business processes, and it can make your business more profitable—but only when implemented smartly.

A successful RFID project requires the reasonable setting expectations, understanding and designing a system to implement your company's desired process, and following concerns:

1. Defining and agreeing upon the system requirements
2. Collecting and analyzing the necessary site data
3. Integrating various technologies smoothly
4. Selecting the proper tags
5. Understanding the system's data needs
6. Properly installing and setting up equipment
7. Planning adequate time for testing and changes
8. Documenting the lessons learned from each new RFID project

We provides RFID hardware installation services for RFID solution optimization and customer satisfaction.



## RFID Reader and Antennas Installation

The installation phase is the most physically demanding phase of the project. Using the site survey report, the installation should be a smooth process. The RFID reader and antennas will be installed in the facility using the marked up drawing made after the site survey.

Some of the activities that will take place during the installation include but are not limited to:

- Mounting of RFID reader, installation of enclosures on case-by-case basis
- Placement and mounting of RFID antennas and connected to RFID reader
- Connection of backbone LAN and power to RFID reader
- Installation of others equipment's required such as gate checkpoint, alarm sirene, lamp indicator, etc.
- Setup and configure of RFID reader system; network parameter, power transmit, etc.
- Verification of tag reading from antenna.

All cabling and power runs should be done and tested prior to the installation of the RFID reader and antennas. After completing the installation, testing for proper operation and coverage may indicate the need to move both reader/antenna and possibly use different settings. Finally, documentation on all the system hardware and software will be provided to the IT staff as an aid to be used when supporting the operational system.

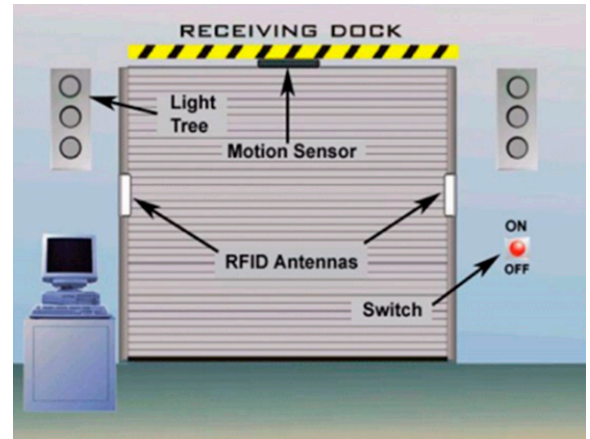
## Knowledge Transfer

Prior to concluding the engagement our professional service engineer will conduct a knowledge transfer session with your staff. We will review how to administer and use the RFID system with the customer's staff.

## Deliverables and Leave-behind Items

The following deliverables will be left with the customer at the conclusion of the engagement:

- User Acceptance Test (UAT) check list
- End of engagement report out
- Comprehensive configuration documentation including a spreadsheet that details:
  - Login and Password summary
  - RFID reader and antennas locations, serial numbers, etc.
  - Complete RFID reader configuration settings
- Backup running configuration
- Project management documentation



# ACS GROUP

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