

RFID Parking System

Sabah Technologies Inc

What is RFID Parking System?

- Parking system is a system that can control the entrance and exit of vehicles from and to Parking area.
- This system can :
 - Detect the movement of the vehicle.
 - Send RF signals and detect the vehicle RFID tag.
 - Open the gate if the vehicle is authorized.
 - Show the current capacity of the parking area.
 - Show movement transactions of the vehicles.

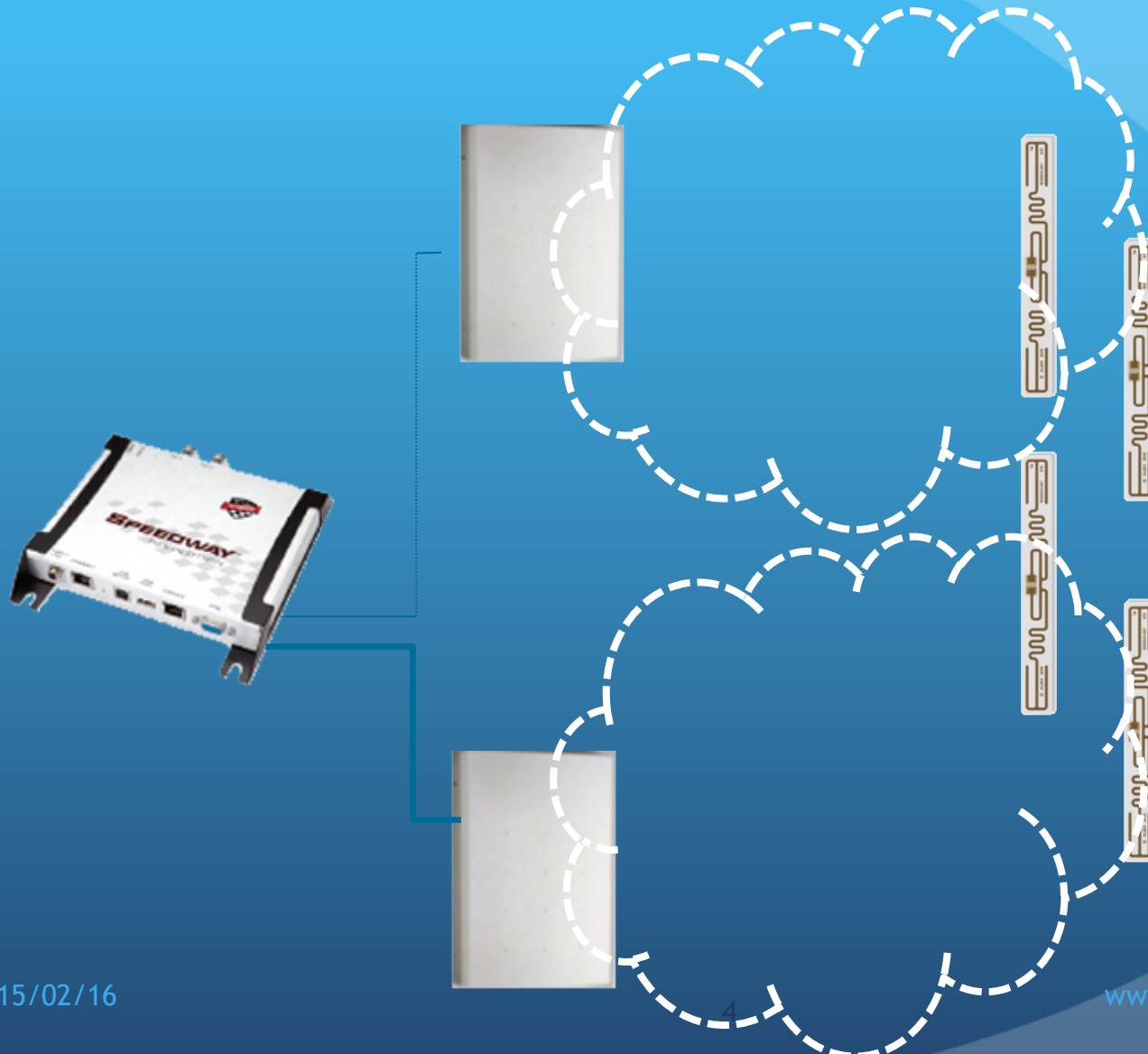
System Requirement



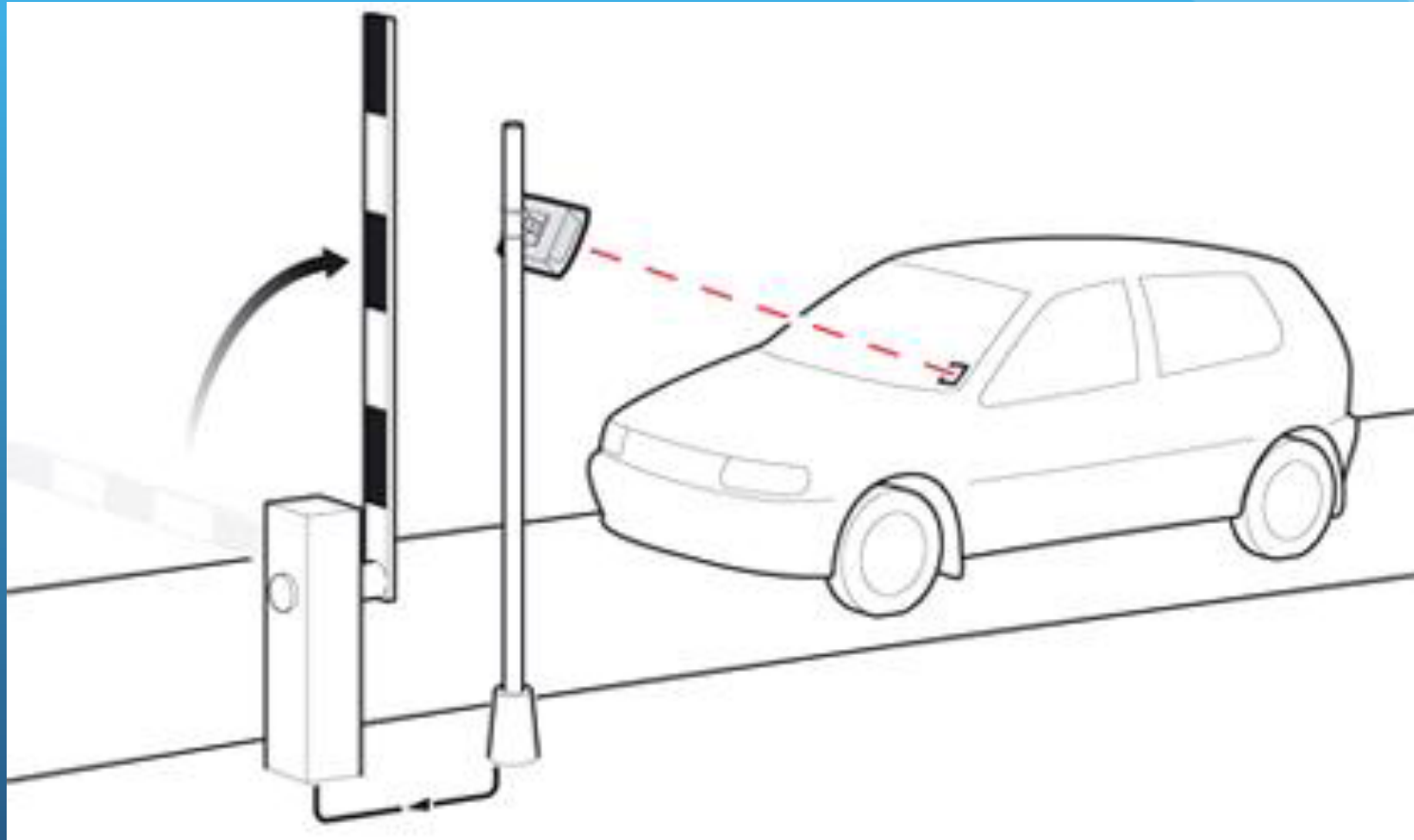
The System is Standalone system so

- No PC needed
- Fixed RFID Readers.
- Windshield RFID Tags.
- Loop Sensor.
- Barrier or Automatic gate.
- Led or Traffic Lamb (Optional)

RFID in Progress



Point Of View



Hardware Installations



The System has different points to be installed

- Fixed reader and antennas mounting.
- IO Device cabling.
- Windshield RFID Tags mounting.
- Loop Sensor and detector cables to IO device.
- Barrier or Automatic Gate and cables from IO device.
- Led or Traffic Lamb and cables from IO device.

Software Installation



Software Installation



Apid Parking Wizard

Reader Settings
Antenna Settings: this should help the user complete connected antennas settings

Reader Configurations

Reader IP Address: 192.168.1.5 Connect

Valid TID Length: 24 Total Capacity: 15
Detection Timeout (sn): 10 Current Capacity: 14

Antenna 1

Loop: Input 1 Exit: Input 2
Barrier: Output 2 Led: Output 3

Antenna 2

Loop: [] Exit: []
Barrier: [] Led: []

Antenna 3

Loop: [] Exit: []
Barrier: [] Led: []

Antenna 4

Loop: [] Exit: []
Barrier: [] Led: []

< Back Next > Cancel

Software Installation



Apid Parking Wizard

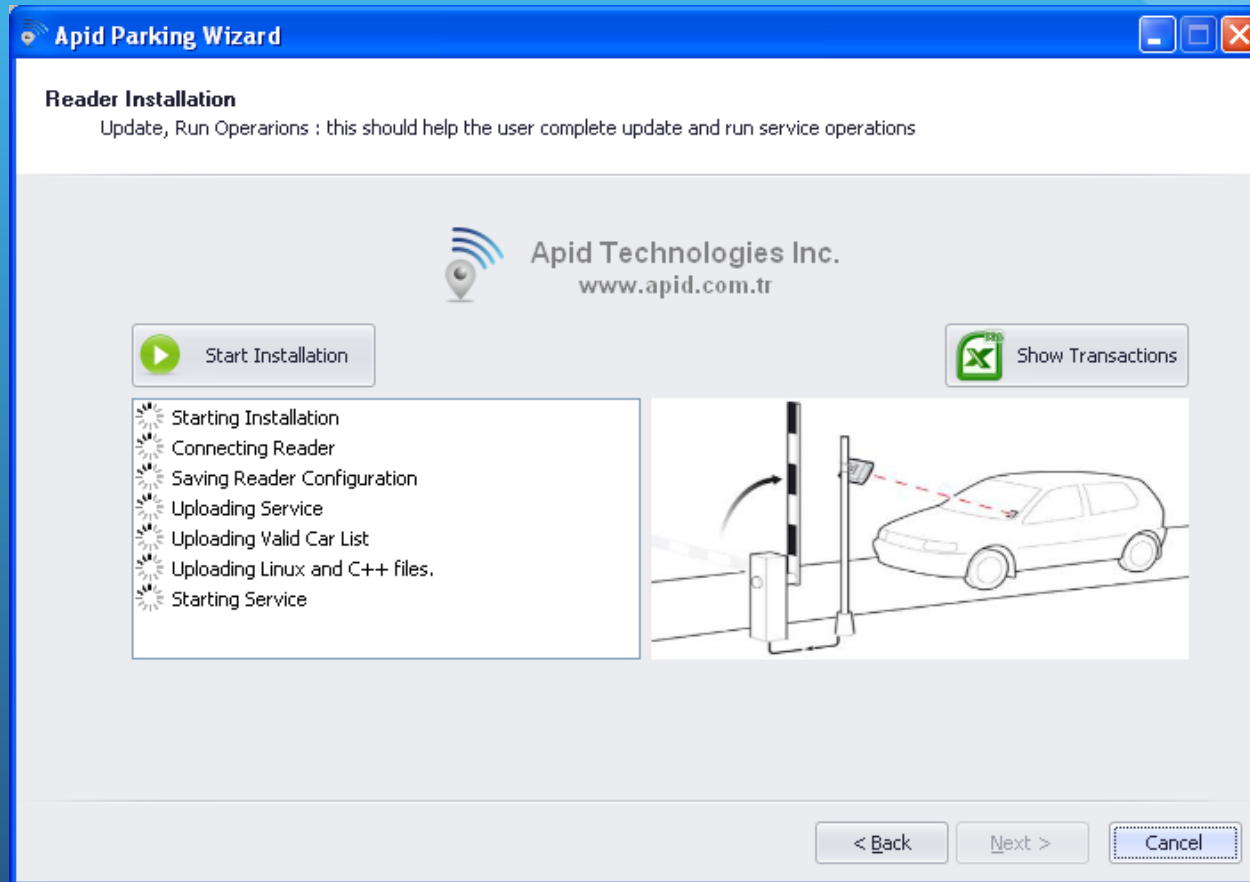
Valid Car List
Updating car list: this should help the user complete updating valid car list

Read One Tag Import Export

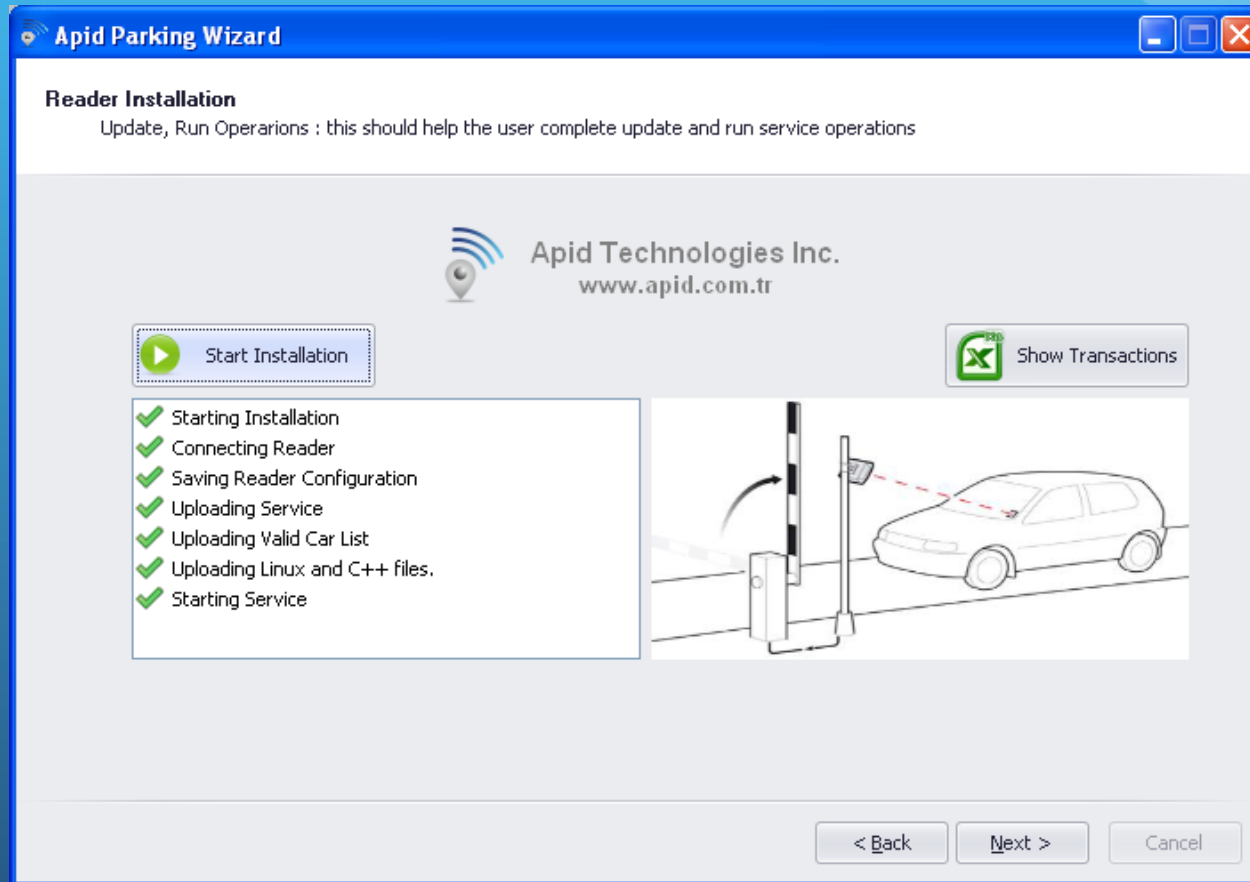
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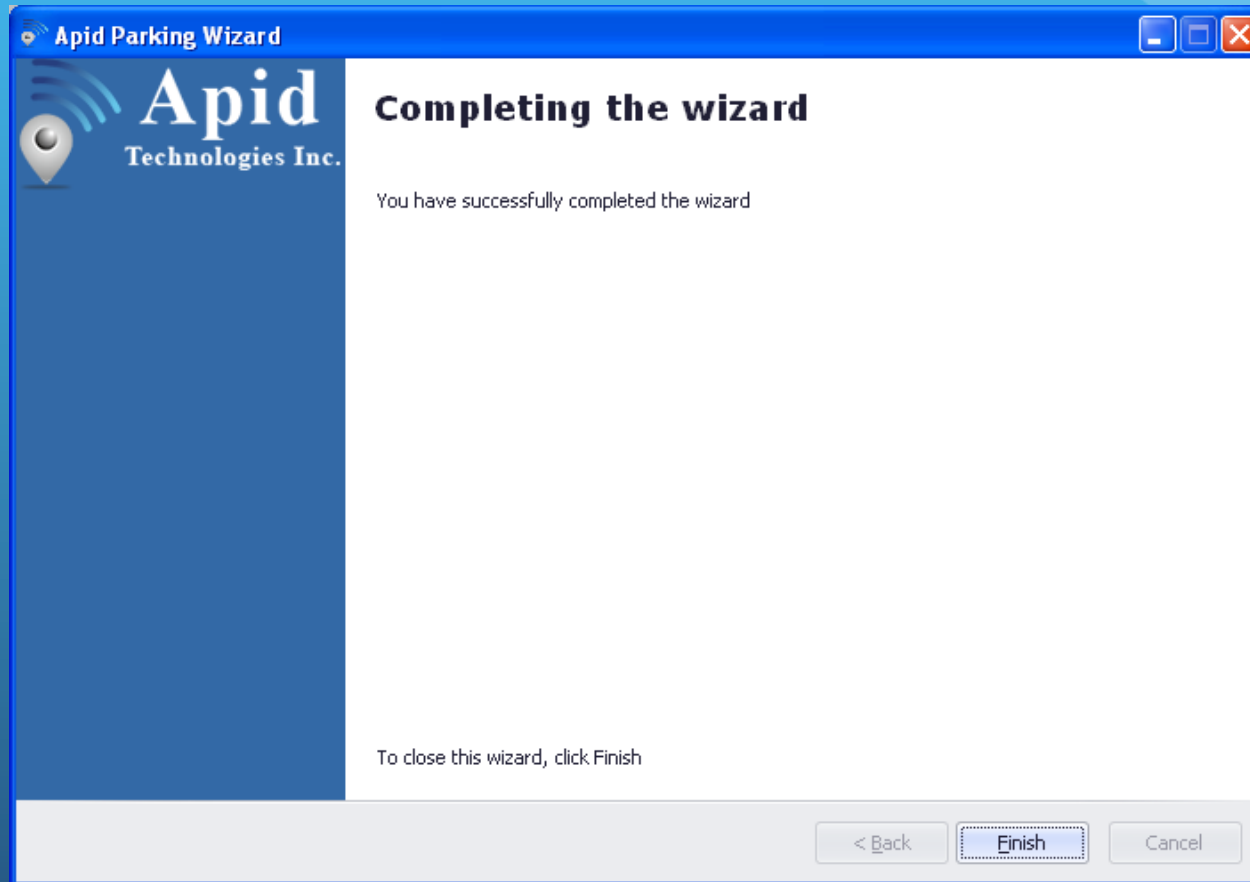
Software Installation



Software Installation



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