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# REAL TIME POINT of SALE

An  
Installation Guide  
On

**“Real Point of Sales System <REAL TIME POINT  
OF SALE>”**

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# 1. Introduction

## 1.1. Purpose

This document will guide you through the installation process, upgrade process, prerequisites for all of them and finally how to deploy the product in the testing and the production environments.

## 1.2. Document conversion.

To open this document and be able to read it as it is designed, you will need Adobe reader/Acrobat V7.0 or later versions or even any compatible versions of PDF readers with the mentioned versions in order to avoid any conflict between the designed document and the delivered one. Get back to your consultant for any inquiries.

## 1.3. Intended Audience and reading suggestions

This document is designed for its' intended audiences and limited to reading only with no further editing on it without the permission of the document owner. You may read this document by following the table of content and the document order as it is to acquire the best knowledge and information out of it.

This document is intended for INTERNAL basis team, INTERNAL support department, INTERNAL development department, INTERNAL consultants and the client's IT key users who will be responsible for further installation of the product after it being handed over.

## 1.4. Project scope

REAL TIME POINT OF SALE stands for Real-time Point of Sales system. The process of cashing out the items for the customers of your retails business has never been that easy as it is with the REAL TIME POINT OF SALE. Just scan the item, submit and then pay with various choices of payment methods that is customizable to best suit for your business.

REAL TIME POINT OF SALE provides businesses with a comprehensive and full integration with SAP ERP system that simplifies the front and back office operations. You can link the point of sale terminals to the back end system such as accounting, inventory and provide real-time analysis for management to accurately measure the performance of their business, this enables you to have a complete control over sales and inventory while providing staff and customers a great user experience.

## 1.5. Document Copyrights

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## 1.6. References

For more details about the product, you can get back to the user guide document. You will find it in the same file with this document. If you are reading this document for installation only, you can use it alone without any other document and follow the instructions.

## 2. System Overview

3. This product is fully integrated with SAP ERP&CRM systems and servers. All of the features and functions are customizable based on the customer's requirements and requests. It consists of REAL TIME POINT OF SALE desktop application, 2 admin tools to control the functionality and the user interface for each user, inbound outbound services, local database and a secured and encrypted connection with the ERP servers.

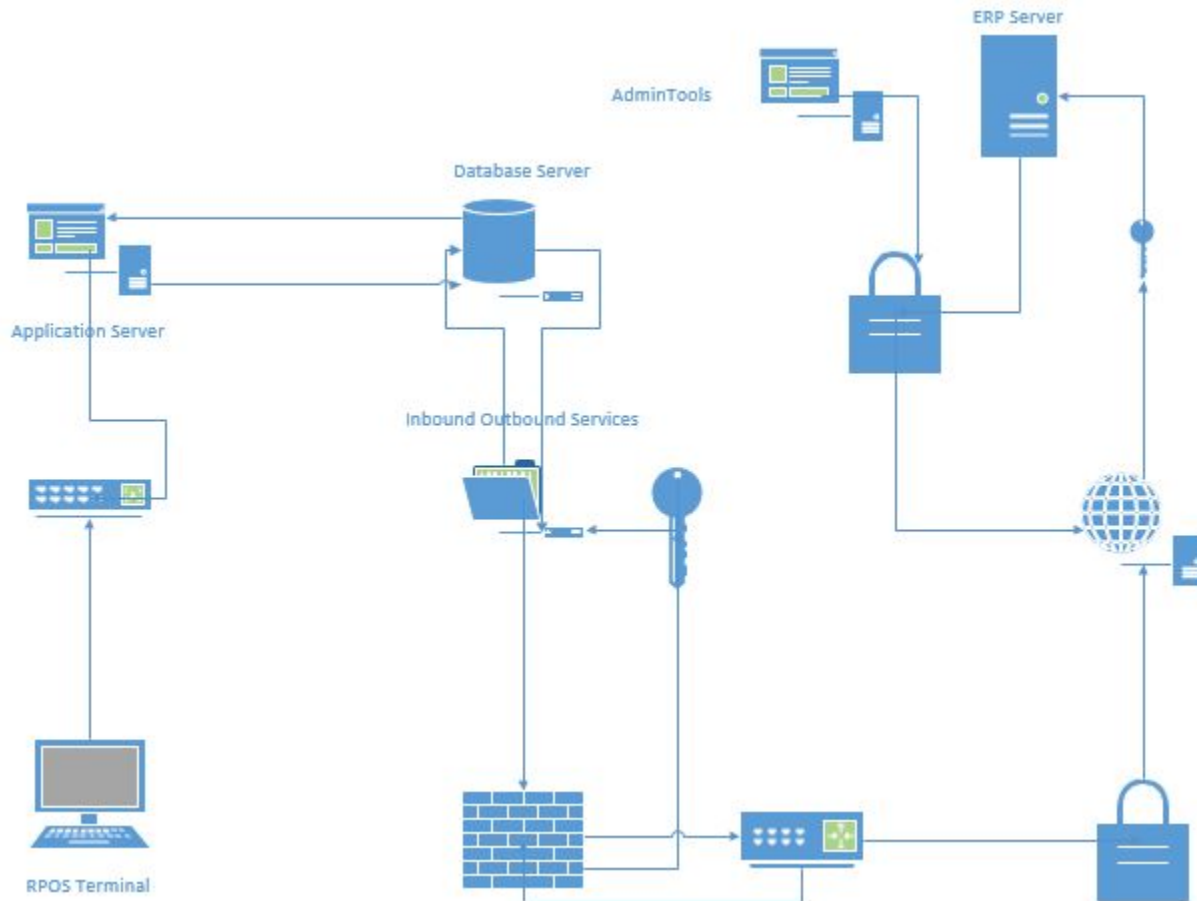


Figure 1: Architecture Diagram, REAL TIME POINT OF SALE

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## 4. Prerequisites

### 4.1. Operating system

This product will work on windows 7 with any architecture or any higher versions of windows.

### 4.2. Software prerequisites

As a system administrator, you need to have the following applications installed on any main server that would have the REAL TIME POINT OF SALE running on it:

- Microsoft .net framework version 4.5 and it is downloadable from this link:  
<http://www.microsoft.com/en-us/download/details.aspx?id=30653>
- Microsoft .net framework version 3.5 and it is downloadable from this link:  
<http://www.microsoft.com/en-us/download/details.aspx?id=21>
- Sybase Adaptive server – SQL 9.0 & SAP Gateway are both part of SAP solutions and downloadable through SAP download center.
- Delivered Admin tools are installed and all of the stores are fully configured and synchronized on it.

### 4.3. Available Devices

Any device that is able to run the prerequisites will be able to run the REAL TIME POINT OF SALE application and deployment environment.

### 4.4. Connectivity

Follow the following points to guide you through each store connections:

- Each store has its' own local server.
- Each server should be connected to the internet.
- Each end-user terminal should be connected to the server through LAN, Wireless or VPN connections.

### 4.5. Hardware specifications

The machine should be able to achieve all the prerequisites normally.

## 5. System Environment

### 5.1. Server Setup

Follow the below steps for any REAL TIME POINT OF SALE server:

- Run the REAL TIME POINT OF SALE installation file. (REAL TIME POINT OF SALE Setup.msi)
- The installation process will start.
- Write your store code “as it is in the SAP ERP systems” in the first window as figure 2.

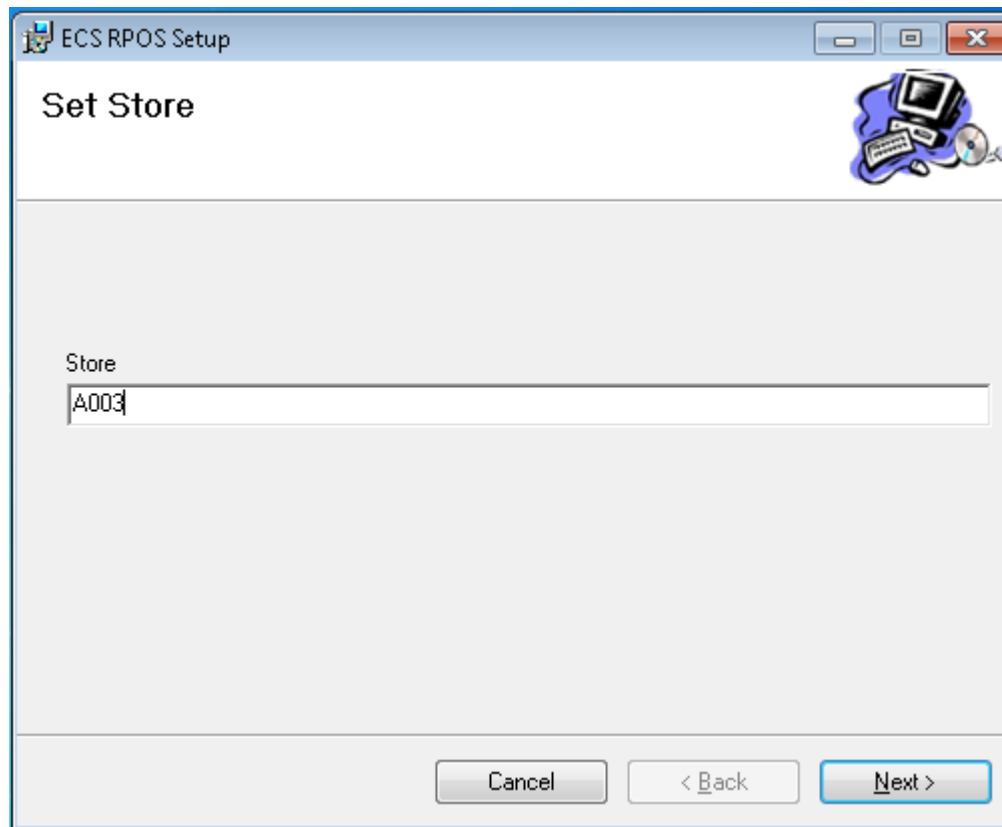


Figure 2: Store name

- Click next, then click next again when you see figure 3.

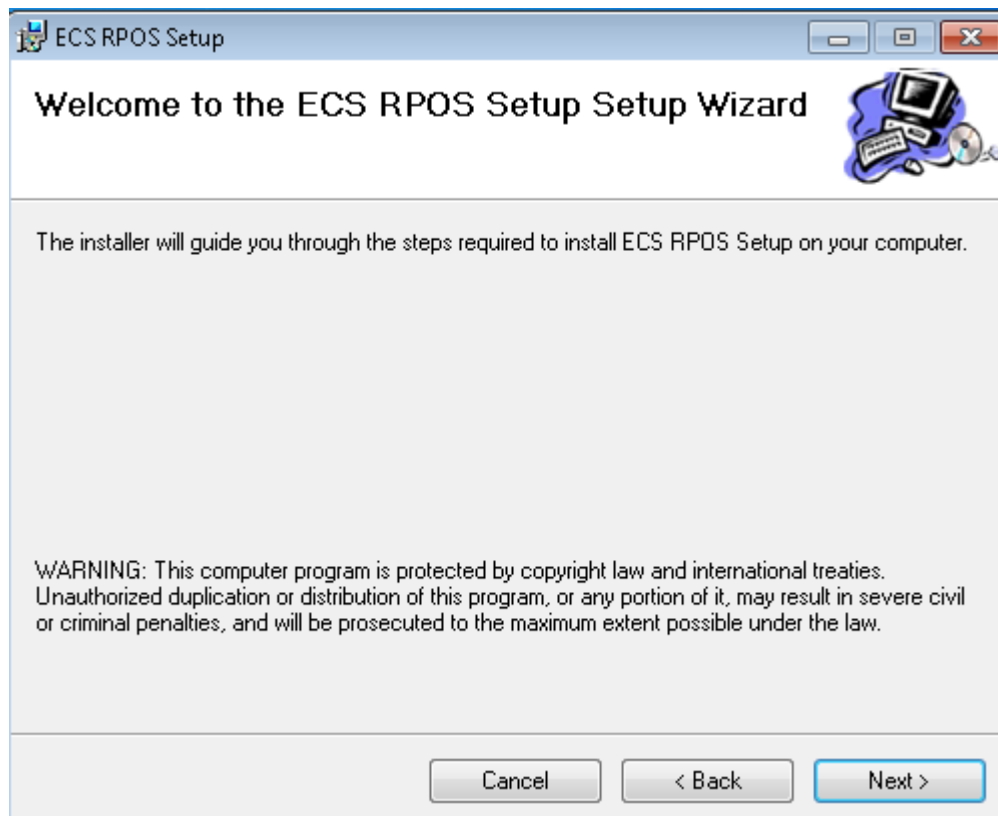


Figure 3: Policies and ownership window

- Choose the destination of your setup. We recommend leaving everything on the default values and clicking next in figure 4.

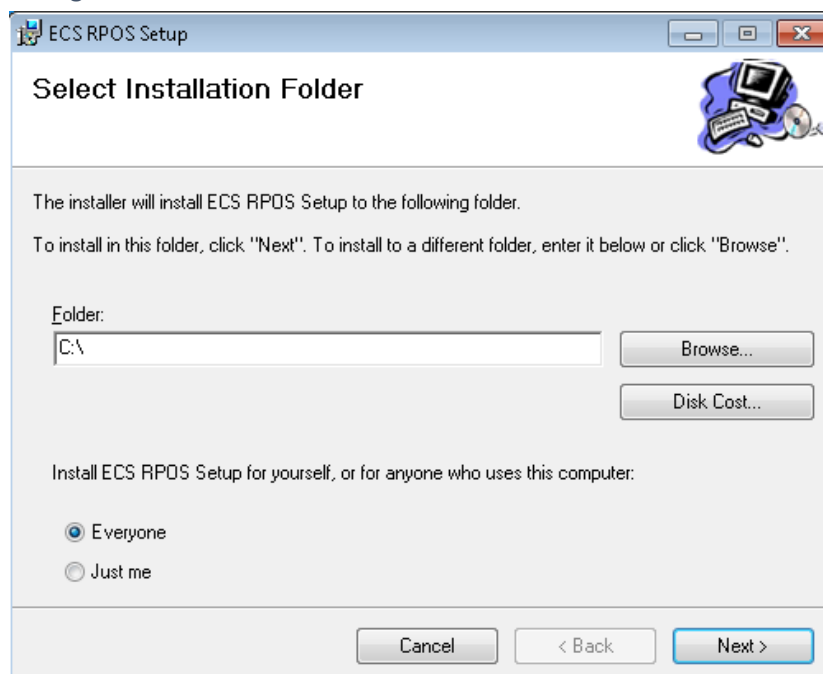


Figure 4: Setup Folder location



- Click next in the final screen as figure 5 and then you will see the completion of the setup as figure 6.

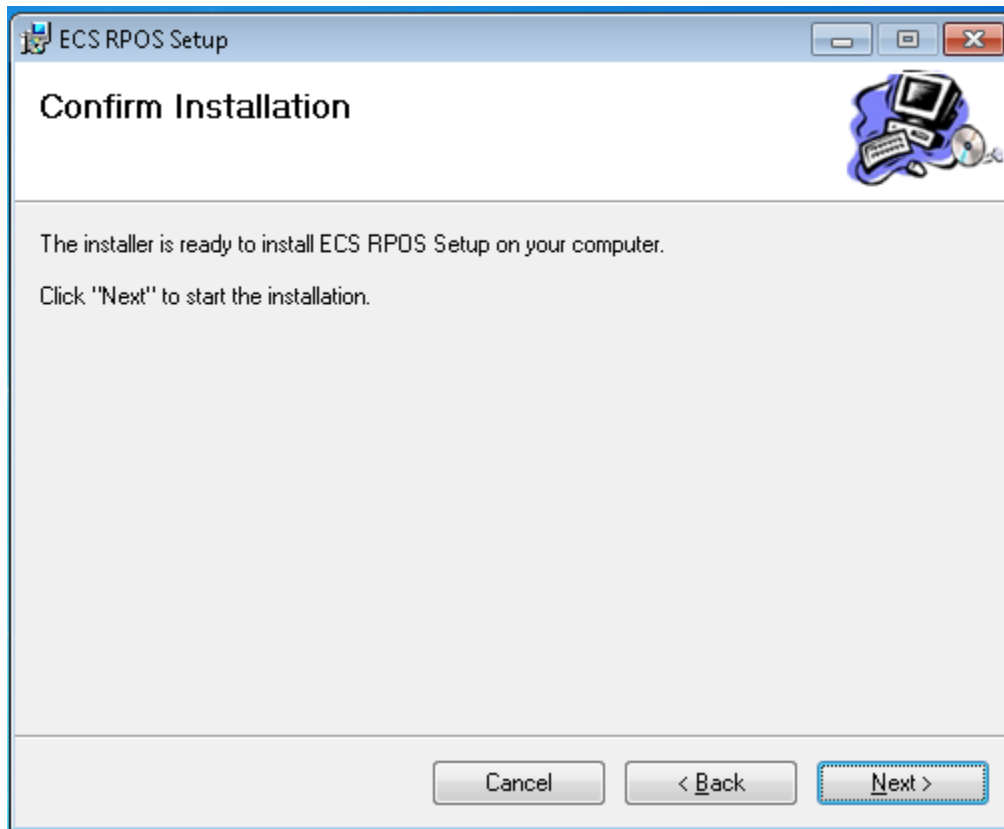


Figure 5: Setup Confirmation screen

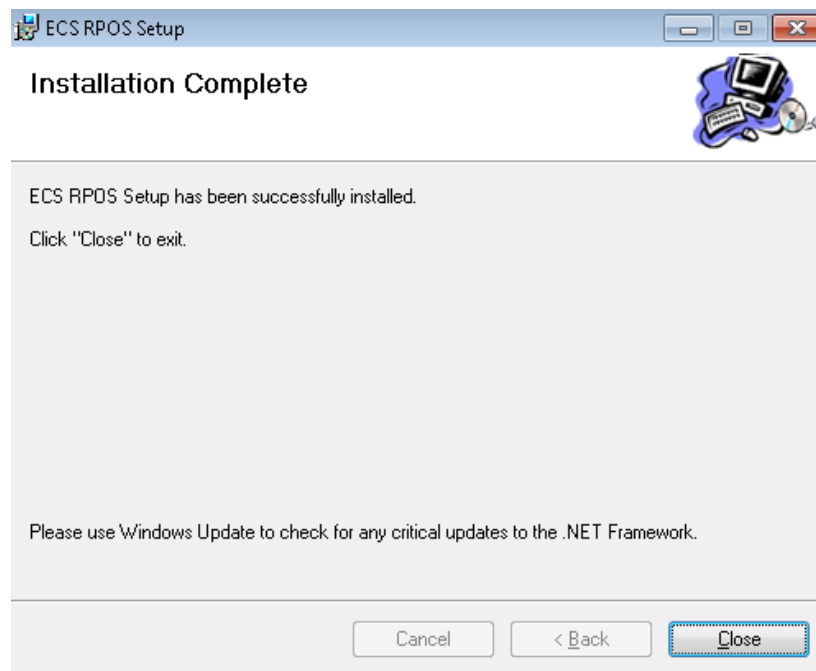


Figure 6: Setup finish screen

## 6. Deployment

Follow the below steps in order to deploy the REAL TIME POINT OF SALE application correctly on your end users terminals.

### 6.1. Terminals Deployment

- Each terminal is connected to the store's server that its' assigned to.
  - Ex: If we assigned the terminal to the store with the mac address: XYZ, you cannot connect it to any other store except that one or the REAL TIME POINT OF SALE will not start on that machine.
- Copy a shortcut file from the internal Real Time Point of Sale.exe on the desktop of each terminal.
- Right click that shortcut and modify the target to the mapped address of the internal Real Time Point of Sale.exe main file as figure 6.
- Click Ok.
- Run the shortcut file on each terminal and make sure that they are working normally.

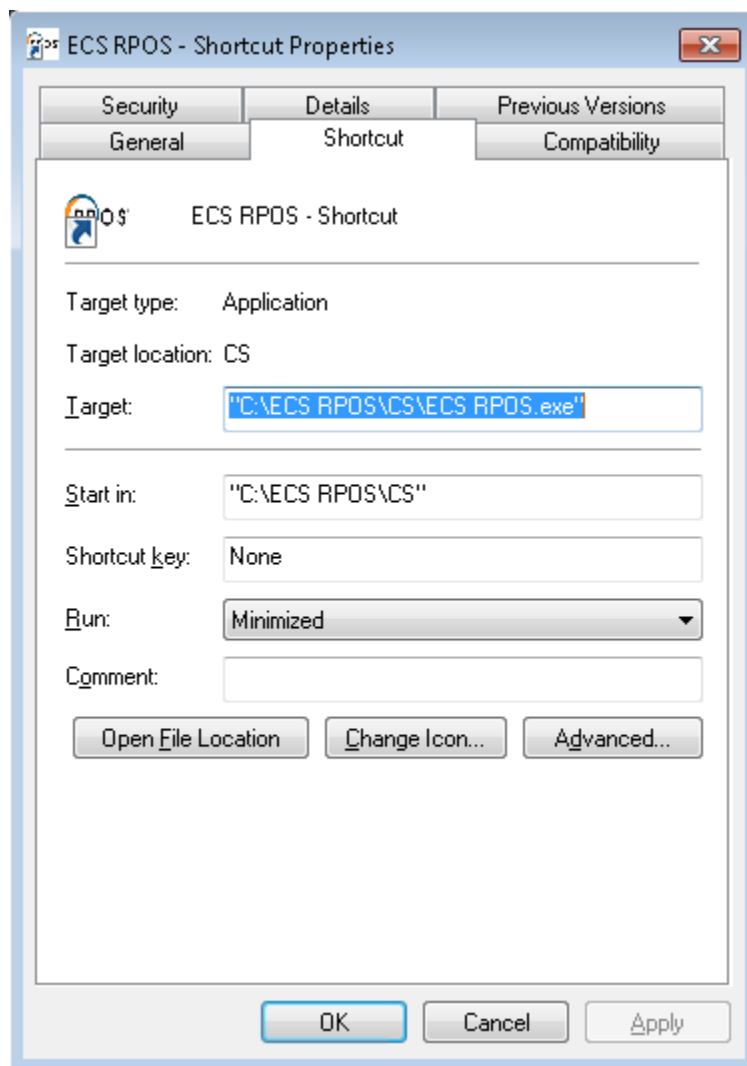


Figure 7: Shortcut target