



**Restaurant Enterprise Series**

*American Express  
Authorization Driver  
for 3700 POS  
Version 4.3 HF2 or Version  
4.5 or Higher*

**November 7, 2011**

\*\*\*\*\***IMPORTANT**\*\*\*\*\*

The American Express Credit Card Driver is only for authorization. The site must have a compatible settlement driver installed.

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# *Declarations*

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# *Installation and Setup*

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This section contains installation and setup instructions for the release of the American Express (AMEX) Authorization Credit Card Driver. The release version is available on the MICROS web site Product Support page.

Before installing this driver, please familiarize yourself with the changes by reviewing the ReadMe First Section of this document.

This version of the American Express may be used on RES systems running Version 4.3 HF2 or Version 4.5 or higher.

## **In This Section...**

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## *Installation*

### **Site Requirements**

Before installing the AMEX Authorization Credit Card Driver on the RES system, the following configuration items should be considered:

- The installed version of 3700 POS should be Version 4.3 HF2 or Version 4.5 or higher.

### **Files Included**

The AMEX driver includes the following files:

\Micros\RES\POS\Bin\CaAMEX.dll

\Micros\RES\POS\etc\CaAMEX.cfg

\Micros\RES\POS\Bin\CaAMEX.hlp

\Micros\RES\POS\Bin\CaAMEX.cnt

## **Installation Instructions**

The installation of the credit card drivers are separate from the RES software. The American Express driver is an independant install. When upgrading RES, the American Express driver will not be affected.

1. Make sure all current batches have been settled. MICROS recommends installing a new driver before the site opens for the day. This will ensure that all CA/EDC transactions have been settled to their current version.
2. Download the latest American Express Authorization Credit Card Driver from the MICROS web site. Copy this file to your RES Server's temp folder and unzip the files. The zip file includes the following:
  - AMEX Authorization Credit Card Driver Installation Documentation (**CaAMEX\_MD.pdf**).
  - CaAMEX (4.9.21.2352).exe
3. Shutdown all MICROS applications from the MICROS Control Panel.
4. Double click the CaAMEX(4.9.21.2352).exe.
5. Turn on the RES System from the MICROS Control Panel.
6. Configure the drives. Follow the setup starting on page 5.

CA/EDC should be operational. A few test transactions should be done to ensure all is working correctly.

## Setup

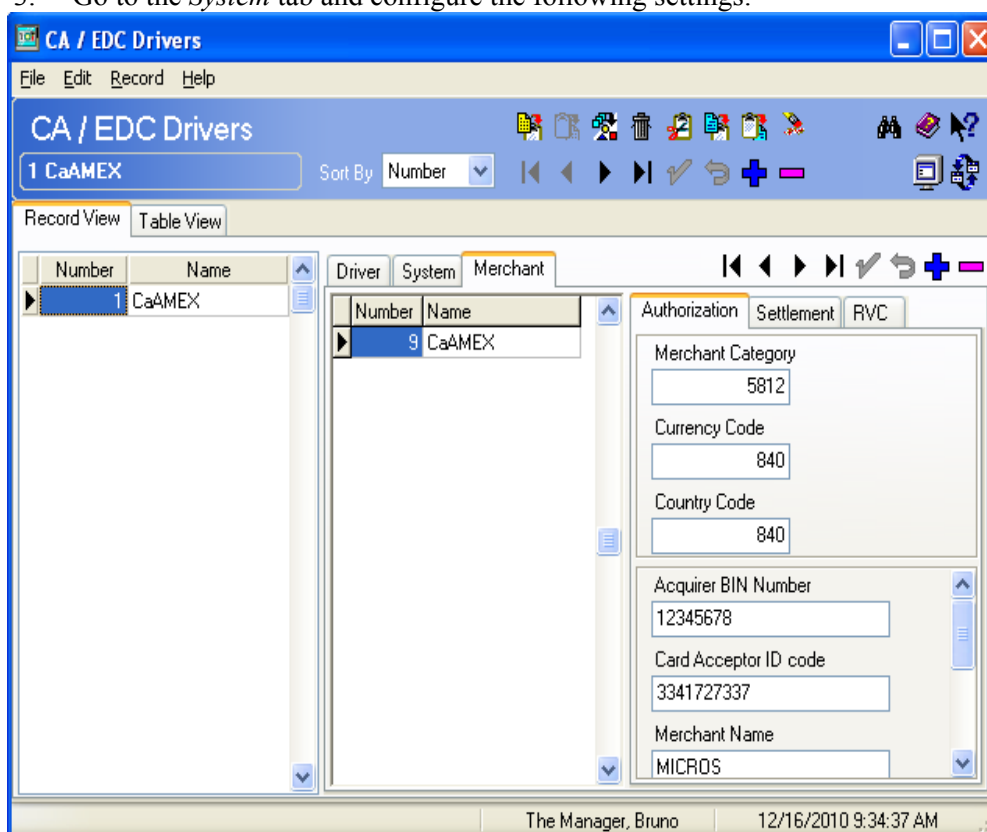
### Configuring the Drivers

Credit card drivers are setup through the *POS Configurator | Devices | CA/EDC Drivers*. A separate record should be added for each of the following, using the specified **Driver Codes**.

- AMEX - CaAMEX Authorizations

#### Configuring the CaAMEX Driver

1. Go to *POS Configurator | Devices | CA/EDC Drivers* and select the blue plus sign to add a record.
2. Enter a **Name** (e.g., **CaAMEX**) and a value of the **Driver Code** field (e.g., **AMEX**) and save the record.
3. Go to the *System* tab and configure the following settings:



The screenshot displays the 'CA / EDC Drivers' configuration window. The window has a menu bar with 'File', 'Edit', 'Record', and 'Help'. Below the menu bar is a toolbar with various icons. The main area is divided into two panes. The left pane shows a list of drivers with columns 'Number' and 'Name'. One record is listed: '1 CaAMEX'. The right pane shows the configuration details for the selected driver. It has tabs for 'Driver', 'System', and 'Merchant'. The 'Merchant' tab is selected, showing fields for 'Merchant Category' (5812), 'Currency Code' (840), 'Country Code' (840), 'Acquirer BIN Number' (12345678), 'Card Acceptor ID code' (3341727337), and 'Merchant Name' (MICROS). The status bar at the bottom indicates 'The Manager, Bruno' and the date/time '12/16/2010 9:34:37 AM'.

| Number | Name   |
|--------|--------|
| 1      | CaAMEX |

| Number | Name   |
|--------|--------|
| 9      | CaAMEX |

Authorization Settlement RVC

Merchant Category: 5812

Currency Code: 840

Country Code: 840

Acquirer BIN Number: 12345678

Card Acceptor ID code: 3341727337

Merchant Name: MICROS

**Not Used 1** – Leave this field blank.

**Not Used 2** – Leave this field blank.

**Port Arbitration Enabled** – This field prevents errors by checking port availability before attempting an authorization request. Enter 1 to enable port arbitration when more than one credit card driver is being used. Enter 0 to disable the option.

Note: Port arbitration is usually enabled.

**Communications Channel** – This field specifies the type of interface connection used between the merchant and the credit card processor.

The options are:

- 2: internet

**Companion Auth Driver Code**– This field specifies the name of the auth driver in correspondence to the settlement driver that AMEX will use.

**Internet Host Header** – Enter the HTTP host name to be included in every outgoing authorization request. Up to 25 characters is allowed.

**Internet Target Name1**– Enter the HTTP target name to be included in every outgoing authorization request. Up to 25 characters is allowed.

**Internet Target Name2** – Enter the remaining internet target name if longer than 25 characters from previous field.

**Host URL Part1** – Enter the first part of the URL address of the primary host connection. This consists of the protocol and site name.

**Host URL Part2: Port**– Enter the second part of the URL address of the primary host connection. This consists of the domain and the port number.

**BackUP URL Part1** – Enter the first part of the URL address of the backup host connection. This consists of the protocol and the site name. Backup connections are triggered when the system cannot establish communication via the primary host address.

**BackUP URL Part2:Port** - Enter the second part of the URL address of the backup host connection. This consists of the domain and the port number. Backup connections are triggered when the system cannot establish communication via the primary host address.

4. Go to the *Merchant | Authorization* tab and configure the following settings:

The screenshot shows the 'CA / EDC Drivers' application window. The title bar is blue with the text 'CA / EDC Drivers'. Below the title bar is a menu bar with 'File', 'Edit', 'Record', and 'Help'. A toolbar with various icons is located below the menu bar. The main window has a tabbed interface with 'Record View' and 'Table View' tabs. The 'Record View' tab is active, showing a list of drivers on the left and a configuration panel on the right. The list of drivers has two columns: 'Number' and 'Name'. The first driver is '1 CaAMEX'. The configuration panel on the right has three tabs: 'Driver', 'System', and 'Merchant'. The 'Merchant' tab is active, showing several input fields: 'Not Used' (0), 'Not Used' (0), 'Port Arbitration Enabled' (1), 'Companion Auth Driver Code' (VNA), 'Internet Host Header' (/IPPayments/inter/), 'Internet Target Name1' (CardAuthorization.do), and 'Card not present enabled' (1). The status bar at the bottom shows 'The Manager, Bruno' and the date/time '12/16/2010 9:33:52 AM'.

**Merchant Category** – Enter the 4-digit number used to identify the merchant type. The number is assigned by the Credit Card Processor.

**Currency Code** – Enter the 3-digit number assigned by the Credit Card Processor to identify the type of currency used. In the USA, the code is 840.

**Country Code** – Enter the 3-digit number assigned by the Credit Card Processor to identify the country in which the merchant is located. In the USA, the code is 840.

**Card not present enabled** – This field specifies if telephone orders are accepted without the credit card present.

**Acquirer BIN Number** – Enter the Bank Identification Number assigned by the Credit Card Processor. This field allows up to 11 digits.

**Card Acceptor ID code** – Enter the number used to identify the merchant. This field allows up to 15 digits. This number is assigned by the Credit Card Processor.



**Merchant Name** – Enter the name of the merchant (up to 25 - characters). This name must correspond to the name that prints on the credit card voucher.

**Merchant Street** – Enter the name of the street where the merchant is located.

**Merchant City** – Enter the name of the city where the merchant is located.

**Merchant Postal Code**– Enter the 3-digit number assigned by the Credit Card Processor to further identify the merchant location within a country. In the USA, the 5- or 9-digit postal code for the merchant is used. Merchants located outside of the USA, will be assigned a number by the Credit Card Processor.