


Authorize.Net

 Your Gateway to IP Transactions™

Testing Criteria Guide

Card Present (CP) 1.0 Application

Table of Contents

Introduction	4
1. Product Information	5
1.1 Contact for Certification Process	5
2. Submitting Required Fields.....	5
3. Certification Test Transactions.....	7
3.1 CP 1.0 Certification Track A - Attended Products such as POS Terminals and POS Software	7
3.2 CP 1.0 Certification Track B - Unattended Products such as Kiosks and Parking Terminals	8

Revision History

Date	Page(s)	Brief Description of Changes
12.2005		Initial release

Introduction

This document describes requirements for certifying integration of a third party application to the Authorize.Net Payment Gateway using the Card Present (CP) 1.0 specification. The following items are required to obtain certification:

- CP 1.0 Track Certification:** Identify your application's target CP track below and fulfill the required transaction Test Cases for that track. If your application can be used by merchants in both CP tracks, you **MUST** fulfill the requirements for each track; however, you do not need to submit duplicate transactions. A single transaction may be certified for overlapping test case requirements.
 - **CP 1.0 Certification Track A: Attended Products such as POS Terminals and POS Software.** You must submit the 13 test transactions for certification. The Test Cases are listed at the bottom section of this document in Table A.
 - **CP 1.0 Certification Track B: Unattended Products such as Kiosks.** You must submit 7 test transactions for certification. The Test Cases are listed at the bottom section of this document in Table B.

Note: You will need an account on our test server in order to submit test cases to Authorize.Net. If you have not yet obtained a test account, please complete the inquiry form at <http://www.authorize.net/solutions/partnersolutions/developerinquiryform/>.

- You must submit a completed copy of this document. The Time, Date and Transaction ID for each completed test case should be recorded in the Test Cases table in this document.
- You must submit a signed copy of the AUTHORIZE.NET PARTNER AGREEMENT (available at http://www.authorize.net/files/Authorize.Net_Service_Agreement.pdf).
- You must submit copies of your company's privacy and security policies. (For more information about security practices, the *Authorize.Net Security Best Practices White Paper* may be found at <http://www.authoriznet./files/securitybestpractices.pdf>).

Note: The security policy should include how your company, product or application accepts, handles, and stores the following:

- + Credit card account numbers, card code numbers, and expiration dates
- + Customer names, addresses, phone numbers, and email addresses
- + Transaction information

Once you have completed the above certification requirements, you must fill out and submit this document, along with electronic copies of your company's privacy and security policies, via email to certify@authorize.net.

Note: Please incorporate your company or product name into the file name of each document you submit for certification. For example:
 "CP10Cert_Company.doc."

Authorize.Net will inspect the full test transactions logs and reply to your account contact with certification results.

1. Product Information

Company Name: _____

Address: _____

Product Name: _____

Product Version: _____

Copyright Information: _____

Platform/OS: _____

Describe Product: _____

Swipe Devices Supported: _____

Describe Support Offered: _____

1.1 Contact for Certification Process

Name: _____

Title: _____

Phone: _____

Email Address(es): _____

Authorize.Net Login ID Used: _____

2. Submitting Required Fields

Each test transaction submitted must contain at least the following fields:

Field Name	Field Value	Maximum Size
x_cpversion	1.0	
x_login	Authorize.Net Login ID	
x_tran_key	Transaction Key obtained from the Merchant Interface.	
x_market_type	2	
x_device_type	2 = Offsite self service product 3 = Onsite self service product 4 = Electronic cash register 5 = PC software POS 7 =Wireless POS	

	8 = Web-based POS 9 = IP credit card terminal	
x_test_request	Set to FALSE for Certification	
x_type	AUTH_CAPTURE, AUTH_ONLY, PRIOR_AUTH_CAPTURE, CAPTURE_ONLY, VOID or CREDIT	
x_customer_ip	IP address of the customer in the format 108.91.2.255	
x_first_name	First name of the customer	50
x_last_name	Last name of the customer	50
x_amount	The amount to charge to the credit card inclusive of tax.	
x_description	Include the name and version number of your product.	
x_response_format	0 = XML 1 = Delimited string	
x_delim_char	Character used to separate the fields returned on the response string. Recommended to pass as "x_delim_char= ". Required only if "x_response_format=0".	
x_encap_char	Character that comes at the beginning fields in the response strings. Recommended to pass as "x_encap_char=" (a blank character). Required only if "x_response_format=0".	
x_track1	Track 1 data obtained for the credit card magnetic stripe. Required only if x_track2 or (x_card_num and x_exp_date) are not passed.	
x_track2	Track 2 data obtained for the credit card magnetic stripe. Required only if x_track1 or (x_card_num and x_exp_date) are not passed.	
x_card_num	Credit card account number for keyed-in transactions. Required (along with x_exp_date) for keyed- in (non-swiped) transactions.	
x_exp_date	Credit card expiration date for keyed-in transactions. Required (along with x_card_num) for keyed- in (non-swiped) transactions.	

Tip: x_track_1 is the preferred field. However, the (x_card_num + x_exp_date) combination must be supported because merchants cannot always get a valid credit card swipe and may have to key in the information. Please be aware that your bank may downgrade rates on card present transactions that are "keyed in."

3. Certification Test Transactions

3.1. CP 1.0 Certification Track A - Attended Products such as POS Terminals and POS Software

Test Case #	Operation (x_type)	Authorize Using	Add'l Fields	Card Brand	Date	Time	Trans ID
1.	AUTH_CAPTURE	Track 1 data		Visa or MC			
2.	AUTH_CAPTURE	Track 1 data		AMEX			
3.	AUTH_CAPTURE	Track 1 data		Discover			
4.	AUTH_CAPTURE	CC# and ExpDate	x_card_code	AMEX			
5.	AUTH_CAPTURE	CC# and ExpDate	x_card_code	Any			
6.	AUTH_CAPTURE	CC# and ExpDate	x_zip	Any			
7.	AUTH_CAPTURE	CC# and ExpDate	x_tax	Any			
8.	AUTH_ONLY	Track 2 data		Any			
9.	AUTH_ONLY	CC# and ExpDate		Any			
10.	PRIOR_AUTH_CAPTURE	N/A	x_ref_trans_id	Any			
11.	VOID	CC# and ExpDate	x_ref_trans_id	Any			
12.	CREDIT (linked)	Last four digits of CC#	x_ref_trans_id	Any			
13.	CAPTURE_ONLY	N/A	x_auth_code	Any			

3.2 CP 1.0 Certification Track B - Unattended Products such as Kiosks and Parking Terminals

Test Case #	Operation (x_type)	Authorize Using	Add'l Fields	Card Brand	Date	Time	Trans ID
14.	AUTH_CAPTURE	Track 1 data		Visa or MC			
15.	AUTH_CAPTURE	Track 1 data		AMEX			
16.	AUTH_CAPTURE	Track 1 data		Discover			
17.	AUTH_CAPTURE	CC# and ExpDate	x_card_code	AMEX			
18.	AUTH_CAPTURE	CC# and ExpDate	x_card_code	Any			
19.	AUTH_CAPTURE	CC# and ExpDate	x_zip	Any			
20.	AUTH_CAPTURE	CC# and ExpDate	X_tax	Any			

Tip: A CREDIT cannot be performed until settlement occurs. Settlement occurs once a day at a user specified time. Log into the Authorize.Net Merchant Interface account and click on **Settings and Profile** to view or change your settlement time. For additional help with credits, see the Authorize.Net Issuing Credits Guide at <http://www.authorize.net/files/creditreturnsummary.pdf>.