Joomla eCommerce

Danie Bierman

Great Falls eBusiness Solutions LLC

Agenda

- Introduction
- In the beginning
- Joomla and . . . . .
- Payment Process
- Gateways
- Questions

Introduction

- Great Falls eBusiness Solutions
  - Build Web Applications
  - SEO / SEM
  - Technologies used
    - Joomla
    - WordPress
    - OSCommerce
    - Typo3

Introduction

- Todays Presentation
  - Talk about eCommerce with Joomla
    - In the Beginning . . . .
    - Extension used so far
    - The payment Process
    - Payment Gateways

In the Beginning . . .

- Understand the Business needs
  - Selling Product?
  - Selling Service?
  - Membership site?
  - Sell to Consumer?
  - Sell to resellers?

- Complete eCommerce Worksheet

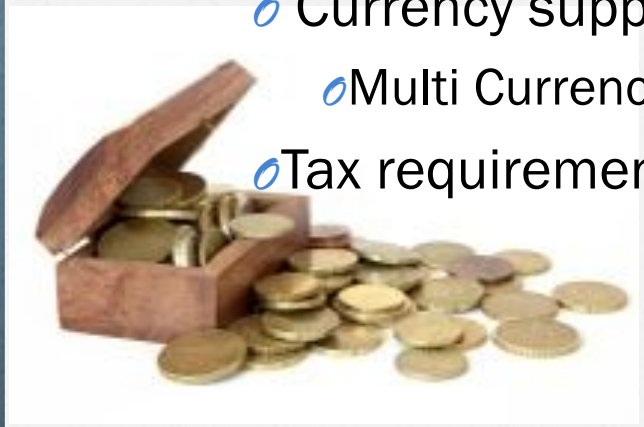
NORTH AMERICAN SPORTS FEDERATION IRON SPORTS

In the Beginning . . .

- Understand the Technical issues
  - Hosting Environment - PCI compliant?
  - Backend Systems / functions
    - QuickBooks?
    - Shipping needs?
    - Dropshipping?
    - Any other? e.g. Access control

In the Beginning . . .

- Understand the Technical issues
  - Merchant Account?
  - Payment Gateway?
  - Types of Payment?
    - Once or recurring?
  - Currency support?
    - Multi Currency?
  - Tax requirements



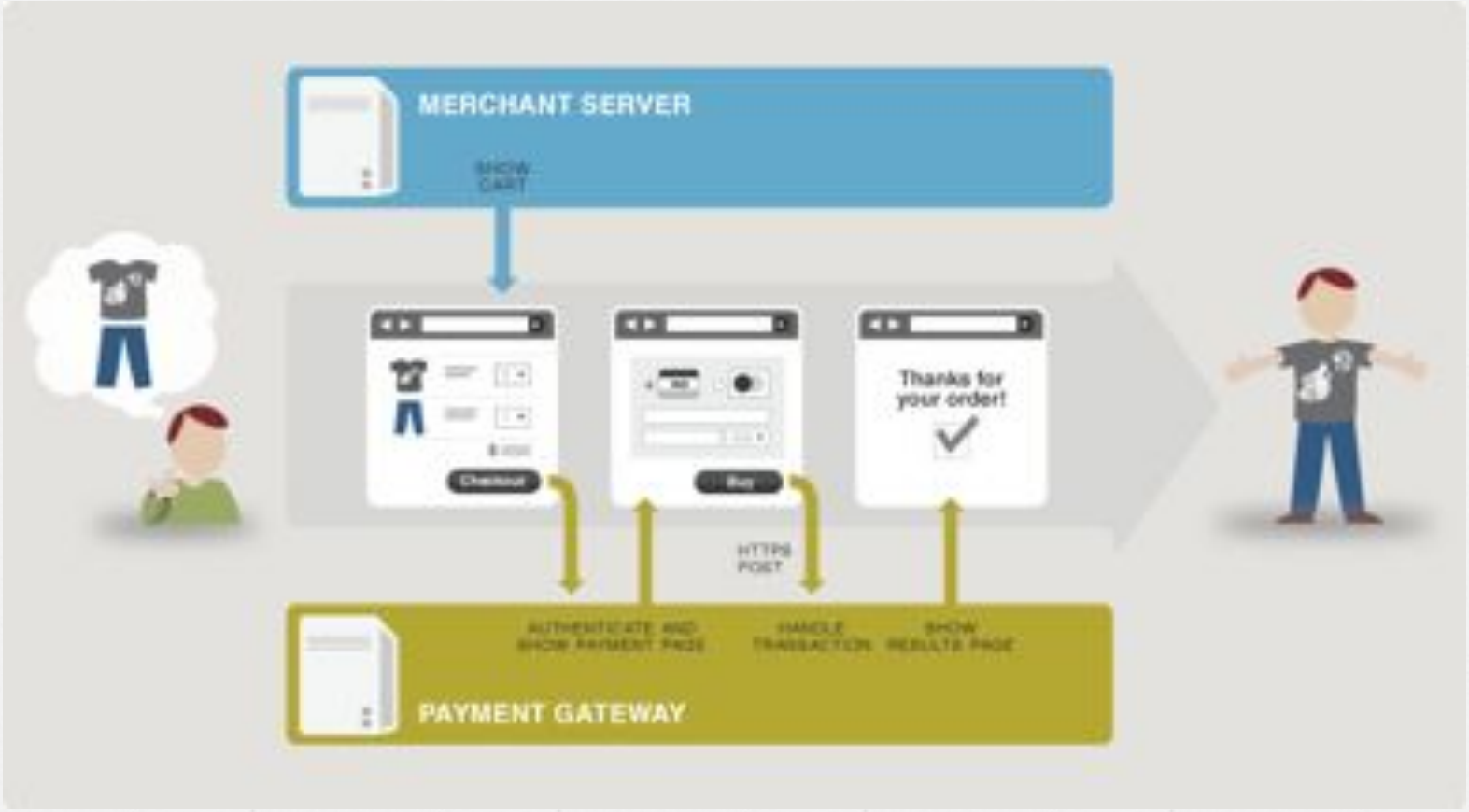
Joomla Extensions used

- AdsAgency - iJoomla
- Ads Manager - joomprod.com
- PaidSystem - joomprod.com
- SOBI2 - Sigsiu.NET
- Jobs - instantphp.com
- VirtueMart - Virtuemart.net
- DTRegister - DTHDevelopment
- CBSubs - JoomlaPolis!

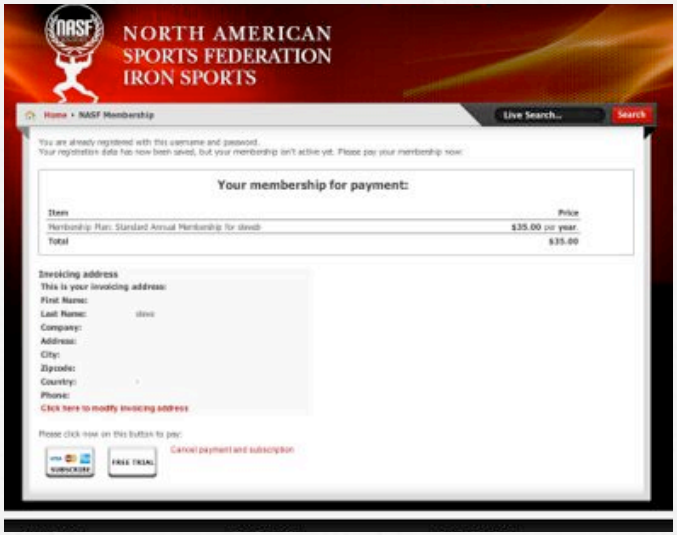
- Evaluating
  - RedShop - RedComponent.com

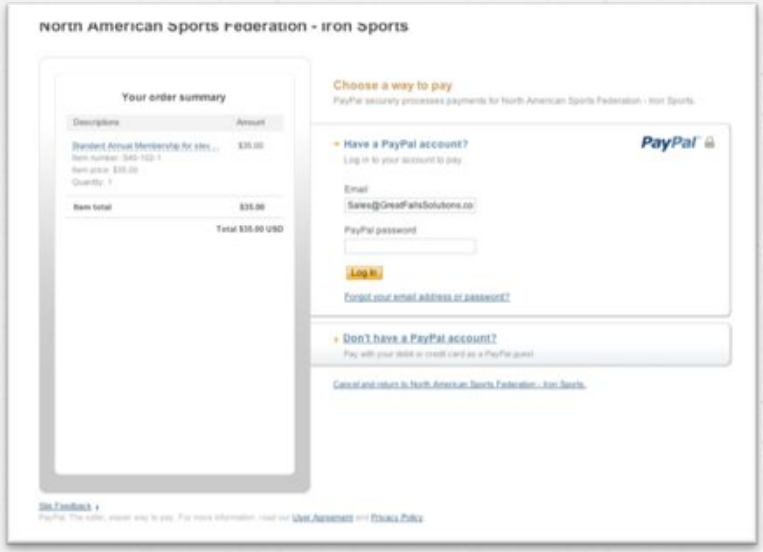
Payment Process: Options

Payment Process: Off-site

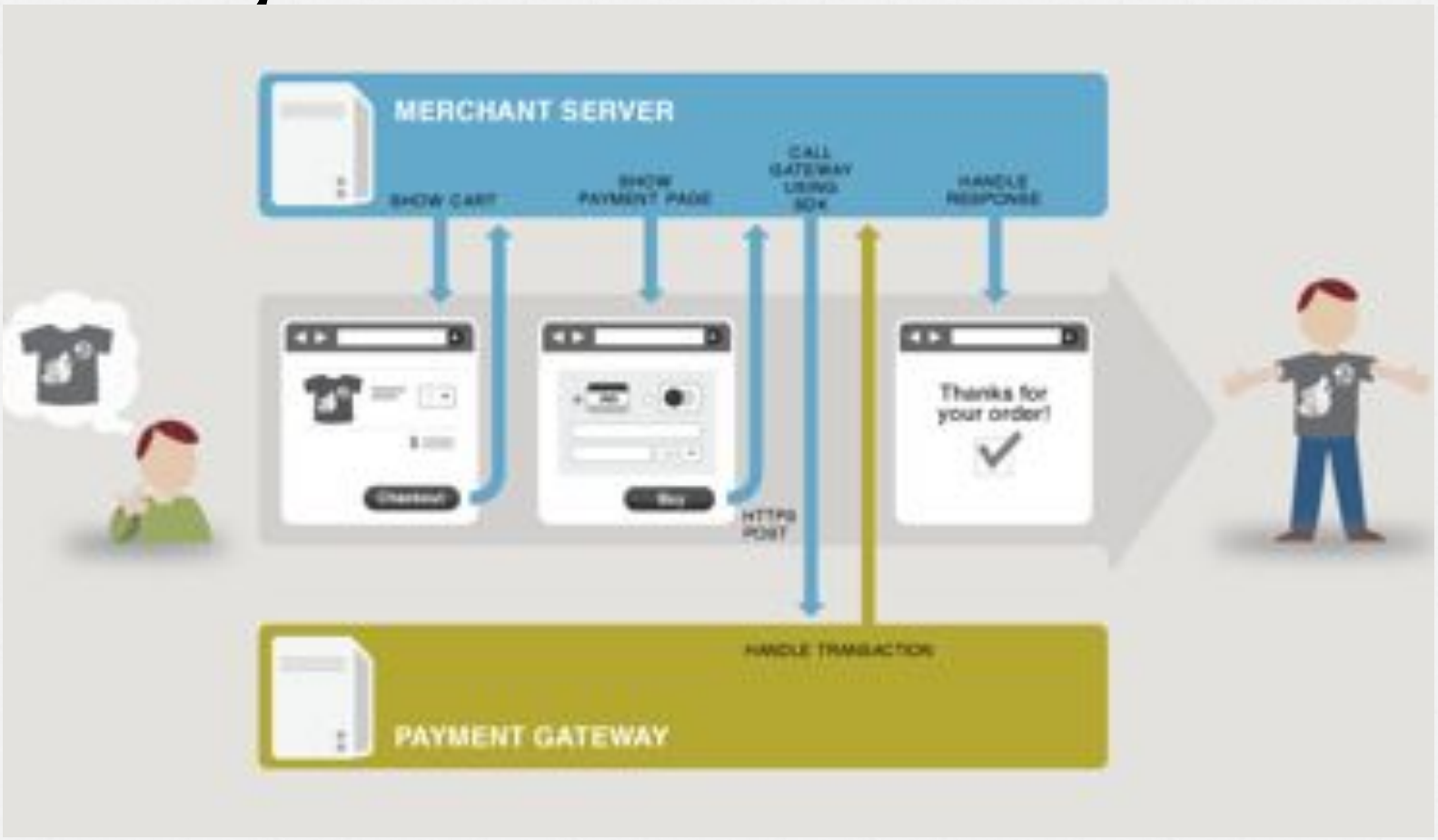


Payment Process: Off-site

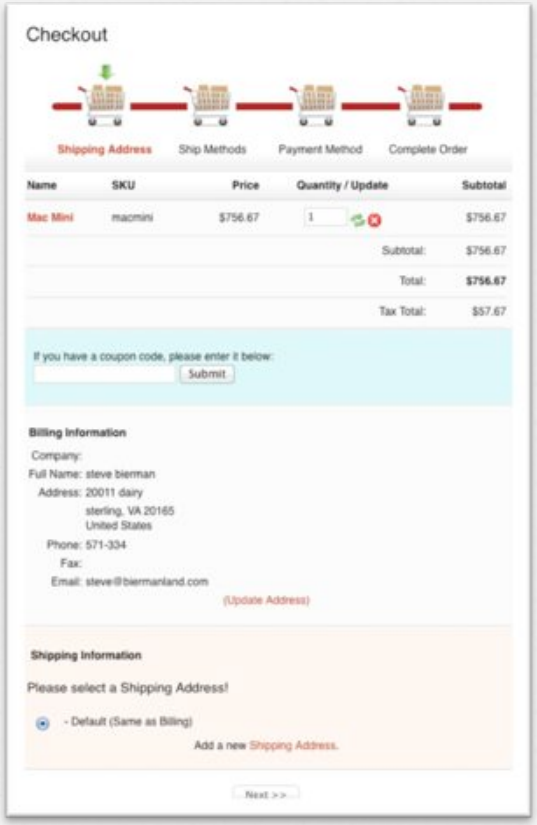


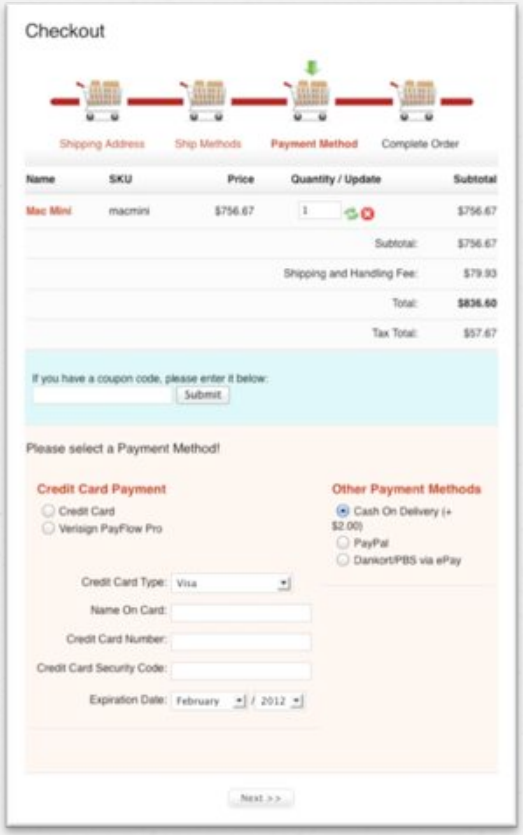


Payment Process: On-site

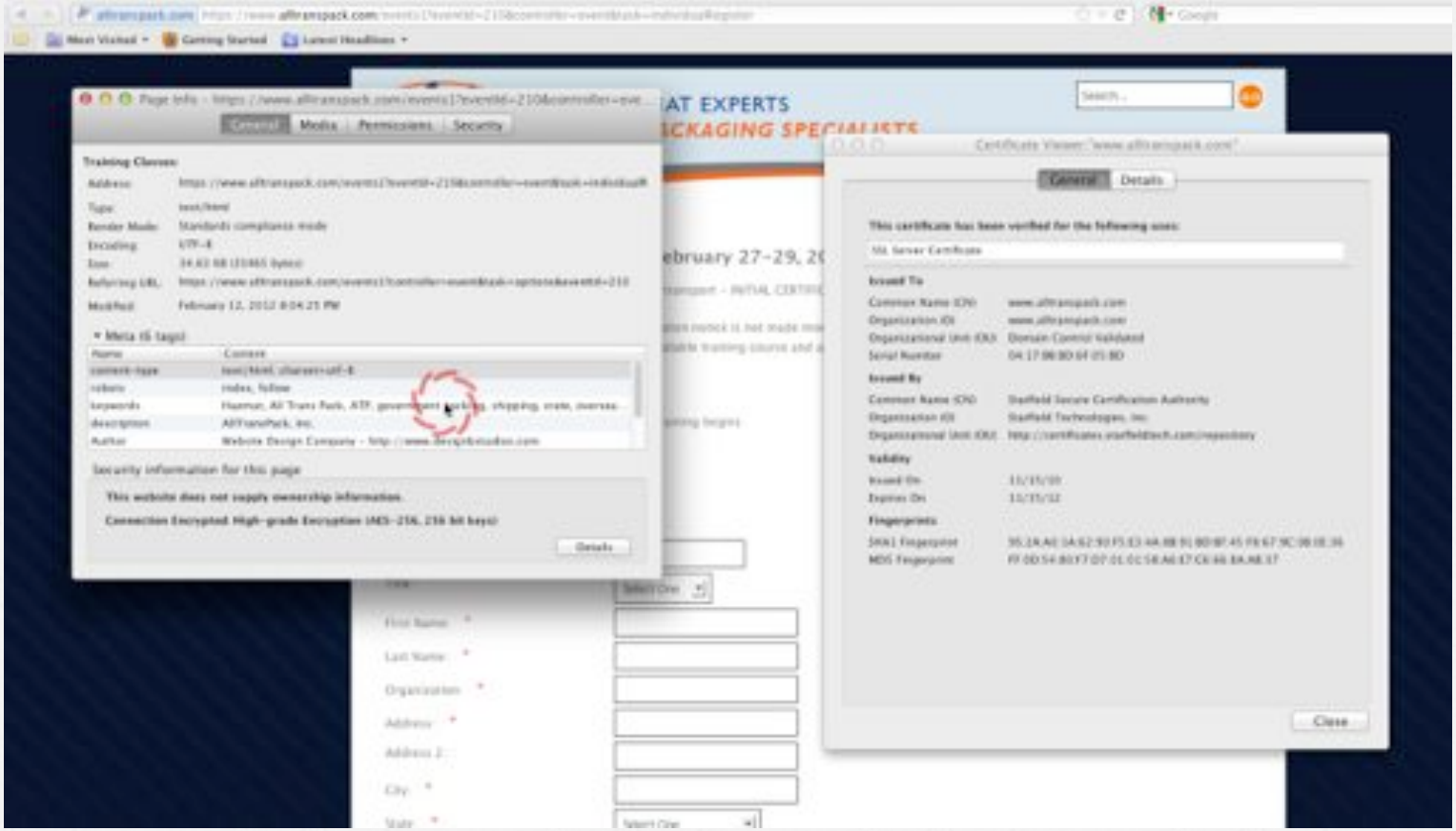


Payment Process: On-site



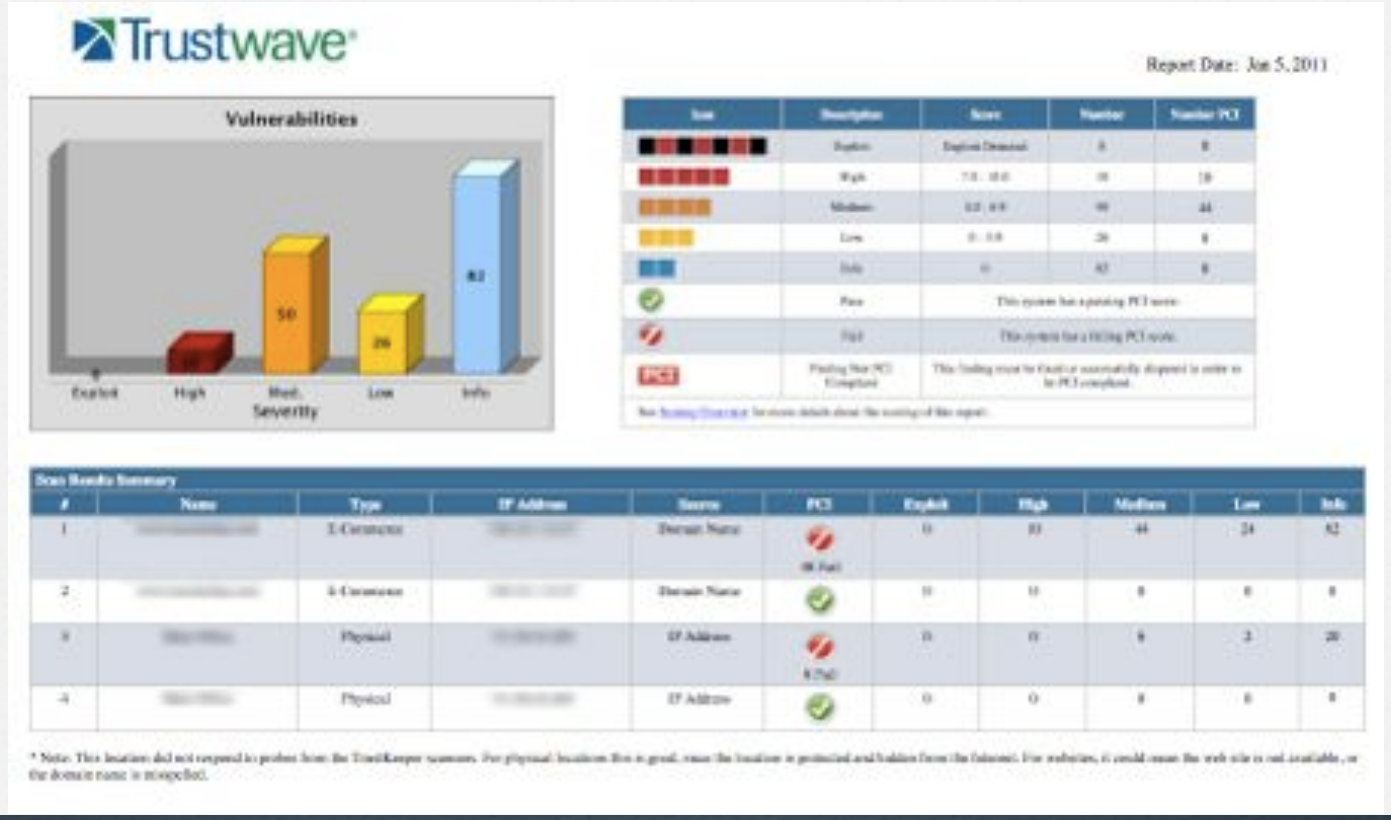


Payment Process: Compliance On-Site - SSL



Payment Process: Compliance On-Site - PCI

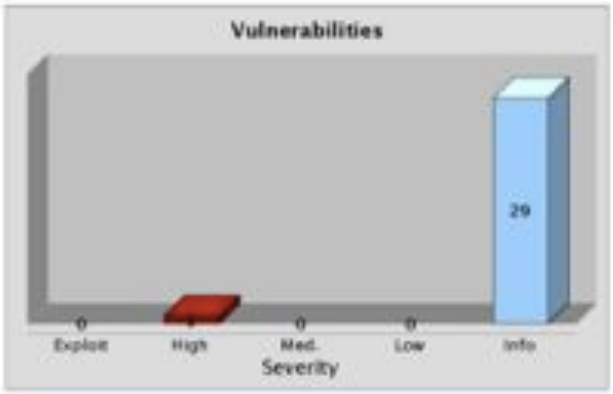
https://www.pcisecuritystandards.org/



Payment Process: Compliance On-Site - PCI

Trustwave

Report Date: Aug 28, 2011



Icon	Description	Score	Number	Number PCI
	Exploit	Exploit Detected	0	0
	High	7.0 - 10.0	1	0
	Medium	4.0 - 6.9	0	0
	Low	0 - 3.9	0	0
	Info	0	29	0
	Pass	This system has a passing PCI score.		
	Fail	This system has a failing PCI score.		
PCI	Finding Not PCI Compliant	This finding must be fixed or successfully disputed in order to be PCI compliant.		

See Scoring Overview for more details about the scoring of this report.

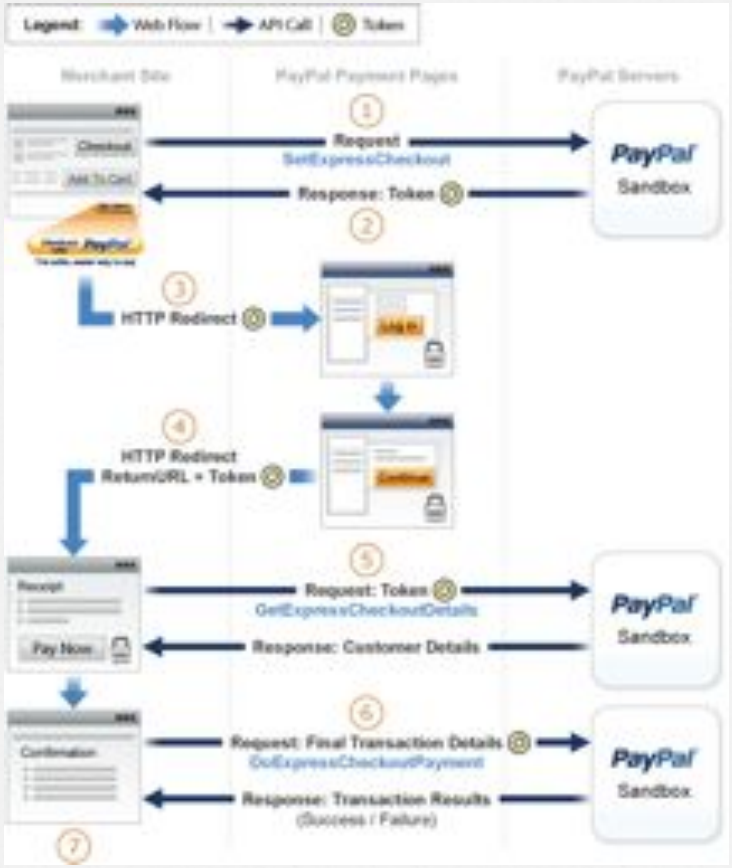
Scan Results Summary

#	Name	Type	IP Address	Source	PCI	Exploit	High	Medium	Low	Info
1	[redacted]	E-Commerce	[redacted]	Domain Name	Non PCI Scope	0	1	0	0	29

* Note: This location did not respond to probes from the TrustKeeper scanners. For physical locations this is good, since the location is protected and hidden from the Internet. For websites, it could mean the web site is not available, or the domain name is misspelled.

Gateways – PayPal

Gateways – PayPal



Gateways – PayPal Recurring Payments

Recurring Payments Notifications

PayPal notifies you of recurring payments events through IPN and email. Typically, however, you can call GetTransactionDetails to obtain the information you need.

PayPal notifies you of certain events through IPN. For recurring payments profiles created using Express Checkout, PayPal also notifies buyers of specific events by email.

Gateways – PayPal IPN

Overview

IPN notifies you when an event occurs that affects a transaction. Typically, these events represent various kinds of payments; however, the events may also represent authorizations, Fraud Management Filter actions and other actions, such as refunds, disputes, and chargebacks.

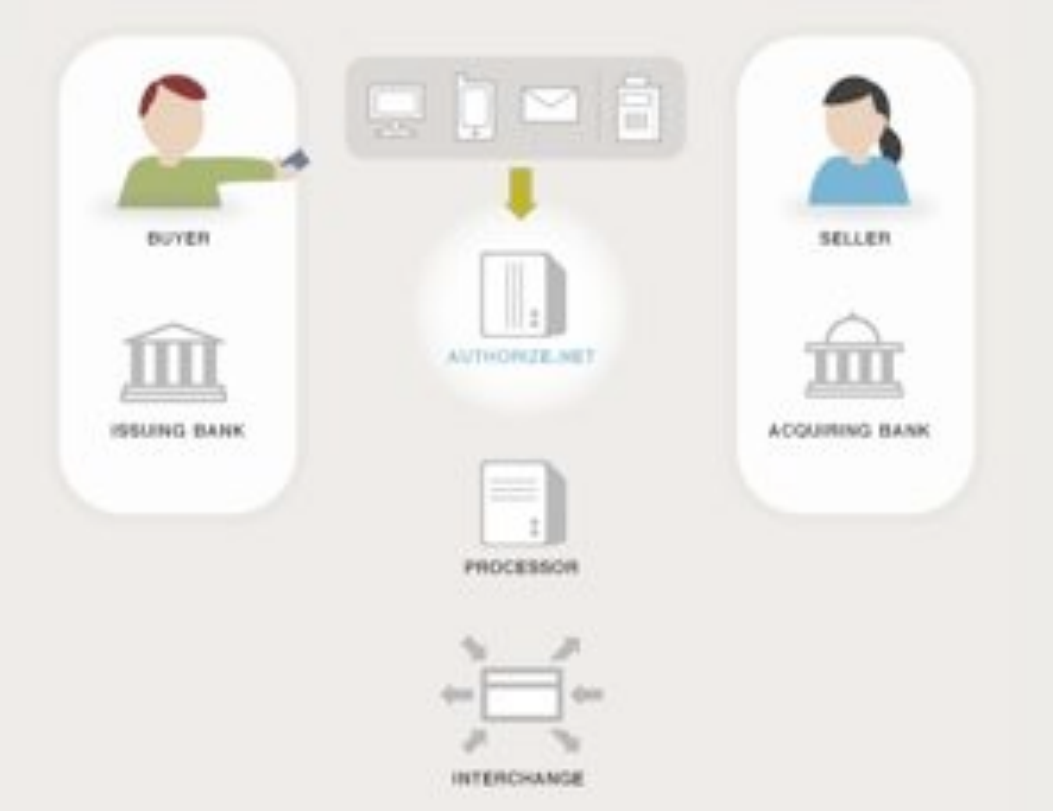
IPN is a message service that PayPal uses to notify you about events, such as:

- Instant payments
- eCheck payments
- Recurring payment and subscription actions
- Chargebacks, disputes, reversals, and refunds

Gateways – Authorize.net

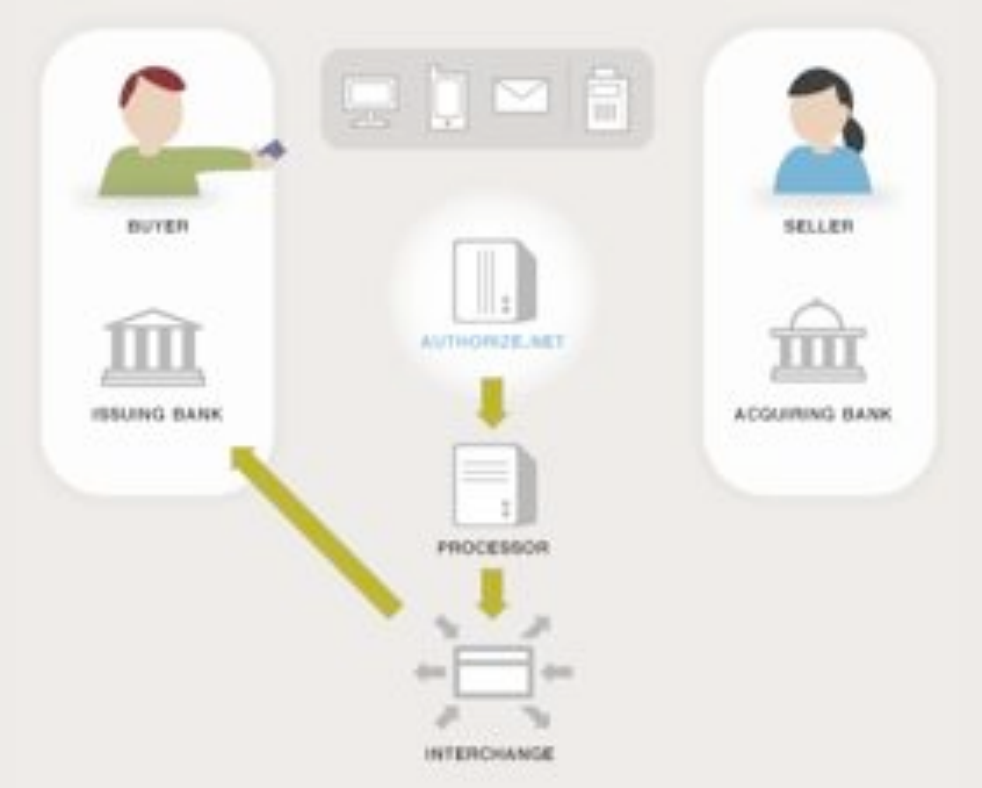
The customer submits his credit card for payment.

Gateways – Authorize.net



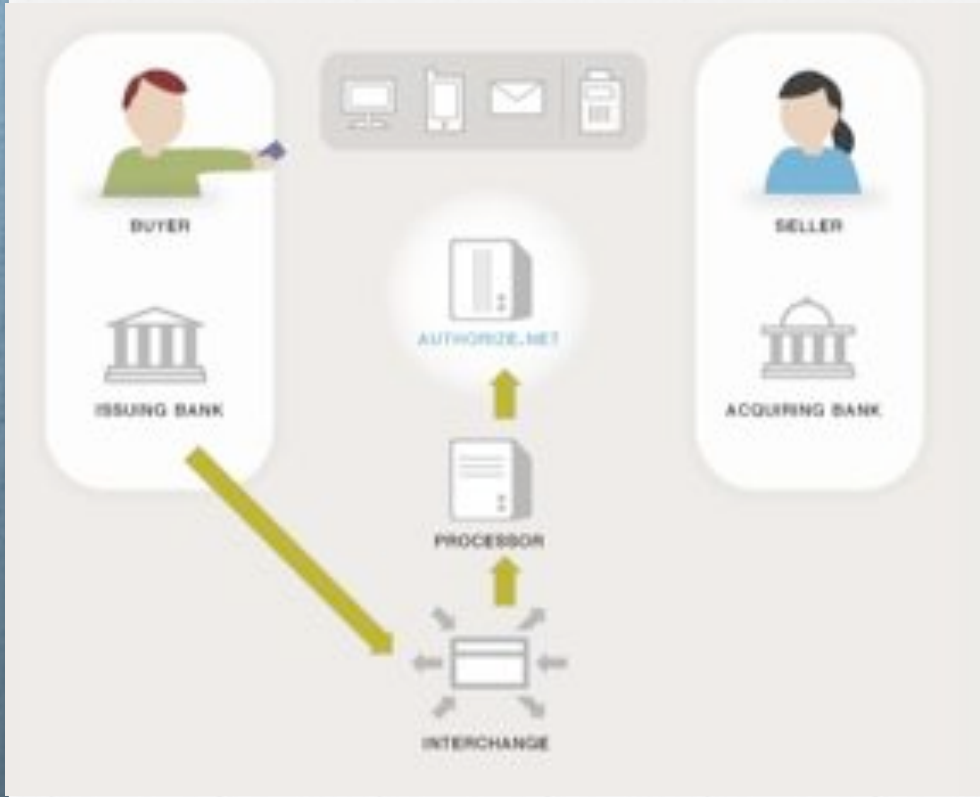
Authorize.Net manages the complex routing of the data on behalf of the merchant through the following steps/ entities.

Gateways – Authorize.net



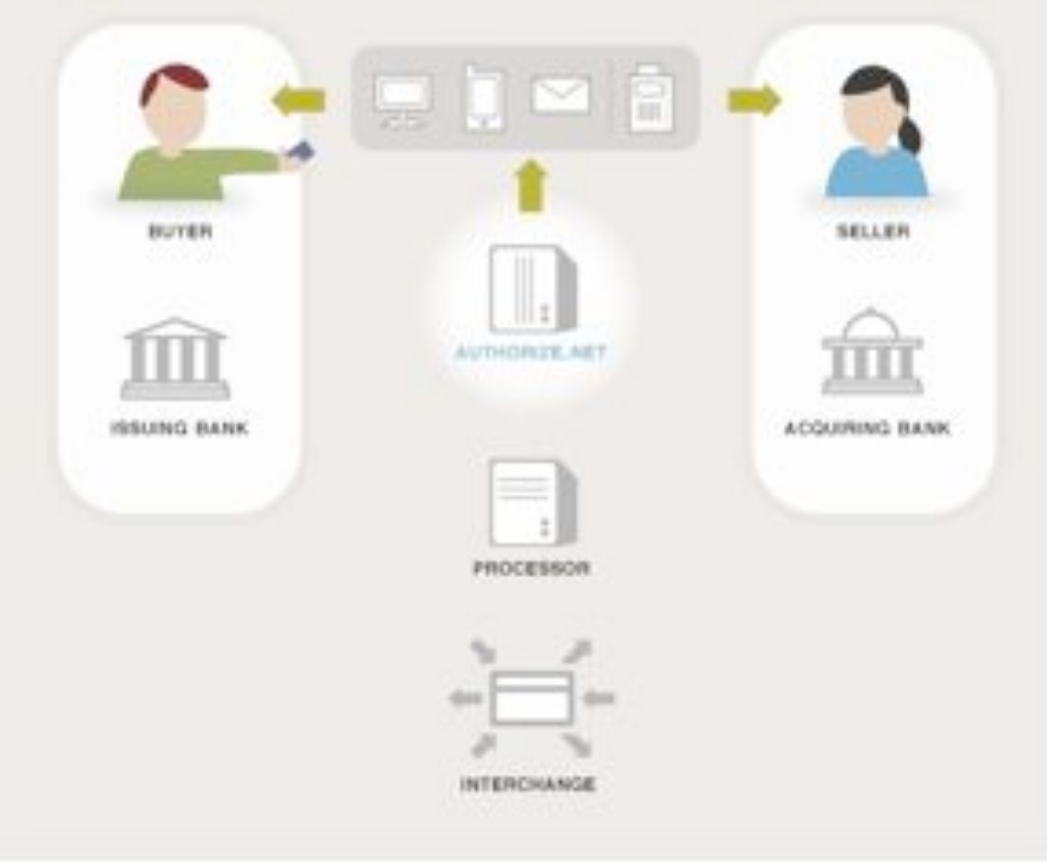
Authorize.Net passes the secure transaction information via a secure connection to the Processor.
The Merchant Bank's Processor submits the transaction to the credit card network (like Visa or MasterCard). The credit card network routes the transaction to the bank that issued the credit card to the customer.

Gateways – Authorize.net



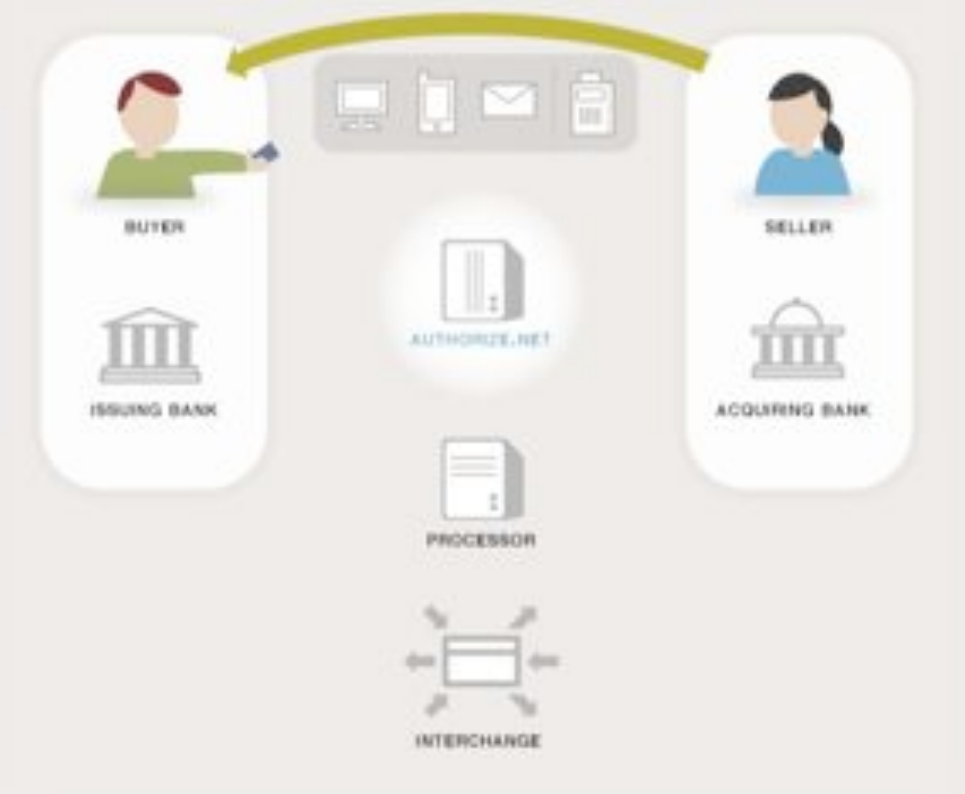
The issuing bank approves or declines the transaction based on the customer's available funds and passes the transaction results back to the credit card network. The credit card network relays the transaction results to the merchant bank's processor. The processor relays the transaction results to Authorize.Net.

Gateways – Authorize.net



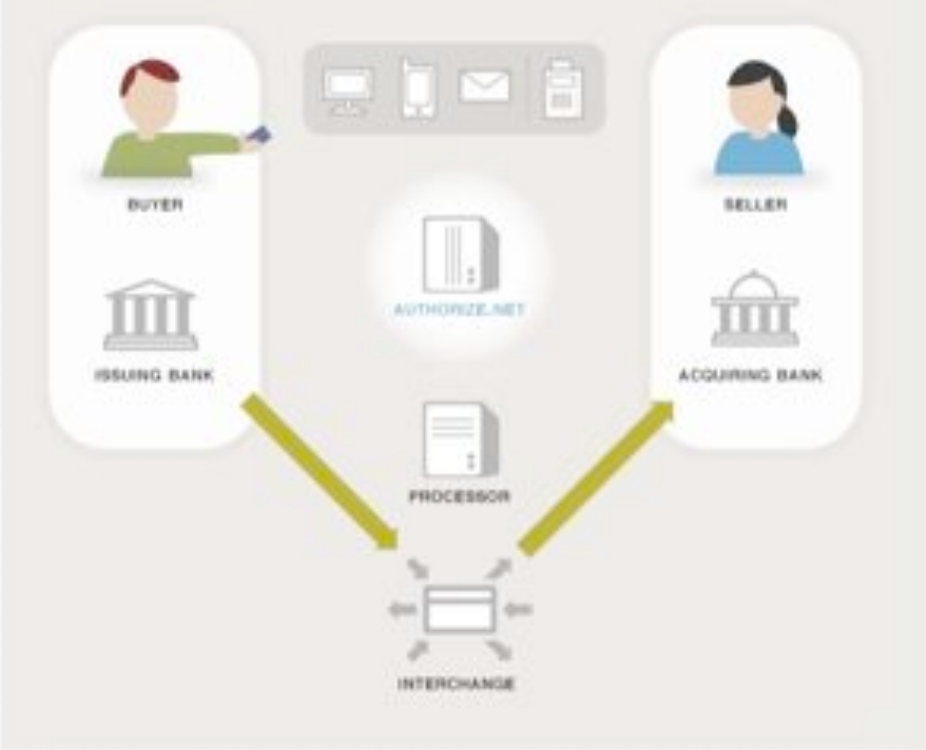
Authorize.Net stores the transaction results and sends them to the website for the customer and merchant to see.

Gateways – Authorize.net



The merchant delivers goods or services to the buyer.

Gateways – Authorize.net



The issuing bank sends the appropriate funds for the transaction to the credit card network, which passes the funds to the merchant's bank. The bank then deposits the funds into the merchant's bank account. This is called 'settlement', and typically the transaction funds are deposited into the merchant's primary bank account within two to four business days.

Gateways – Authorize.net ARB

Once each scheduled transaction in a subscription has been submitted, you will receive an email from the payment gateway indicating the transaction status.

If you would rather receive a response in name/value pair format for each payment submitted, you can use the Silent Post URL feature. If enabled in the Merchant Interface, the payment gateway will send a transaction response for every transaction to the specified URL.

The Silent Post URL feature is the only way you can receive a name/value pair response for transactions in an ARB subscription.

Gateways – Authorize.net Silent Post

If you are using Automated Recurring Billing (ARB) , this feature also allows you to receive a transaction response for each payment submitted in a subscription.

The Silent Post URL is the only way you can receive a name/value pair response for transactions in an ARB subscription.

Note : The Silent Post URL feature does not apply to transactions made using the Hosted Payment Form.

Questions?

Thank you !

Merchant and Card processing questions answered by:

Vince Prouty
Card Payment Solutions
Po Box 220744
Chantilly Va. 20153
Contact Number: 703-932-7296
Fax Number: 703-935-7588
vince@cardpaymentsolutions.com