

**HARVARD**  
UNIVERSITY



# Harvard eCommerce Gateway

**What is it?**

# Harvard eCommerce Gateway Overview

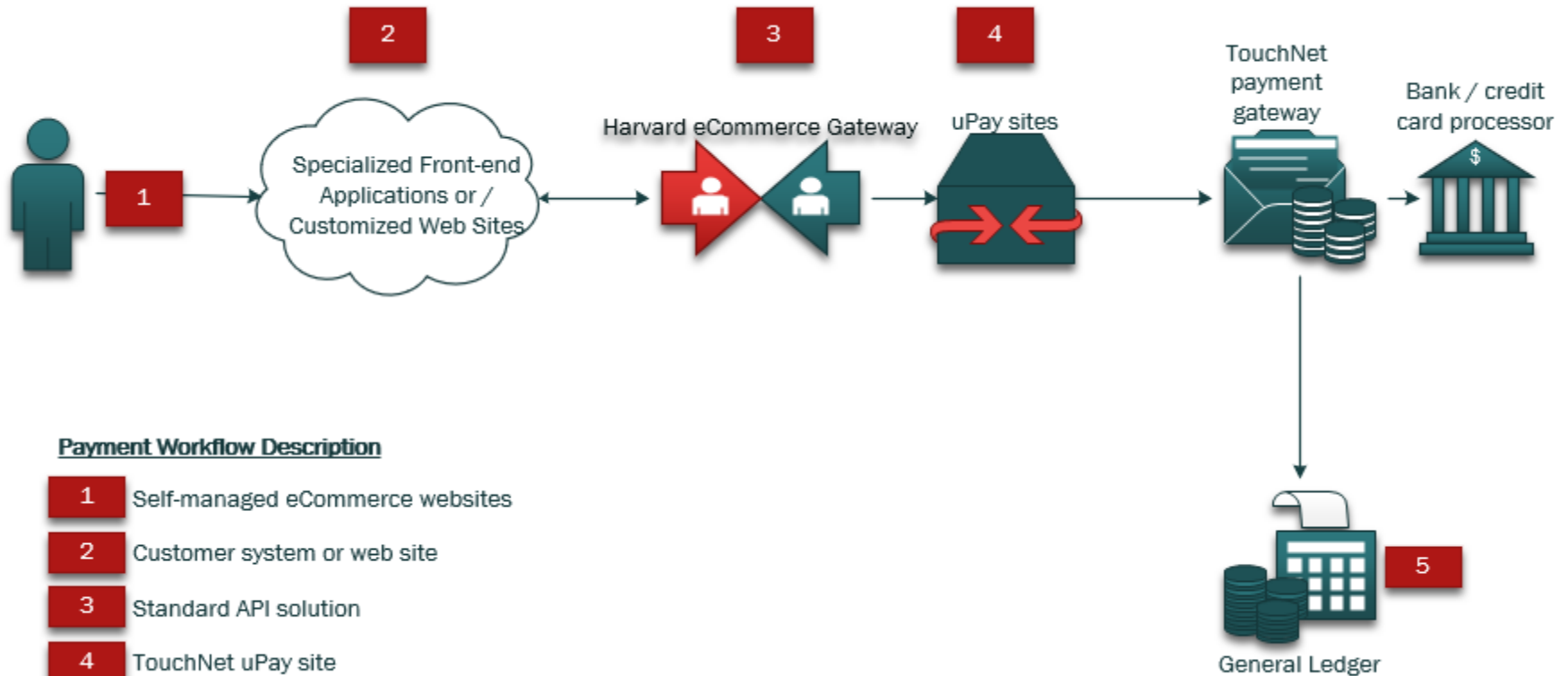
## What is the Harvard eCommerce Gateway?

A standard ecommerce payment service offered to school/unit IT departments for use with specialized front-end system or customer web site that process events, non-traditional educational offerings, and other products and services.

### Service Benefits:

- Supports the use of a specialized front-end system or customer web site that you manage
- Pre-built standardized payment process that reduces the timeline to start taking payments
- Provides automatic Oracle General Ledger posting
- Offers enhanced reporting
- Provides mobile solution for easy payments
- Providing a seamless, cost effective ecommerce solution in a fully PCI compliant environment (reducing PCI scope for the School/Unit)

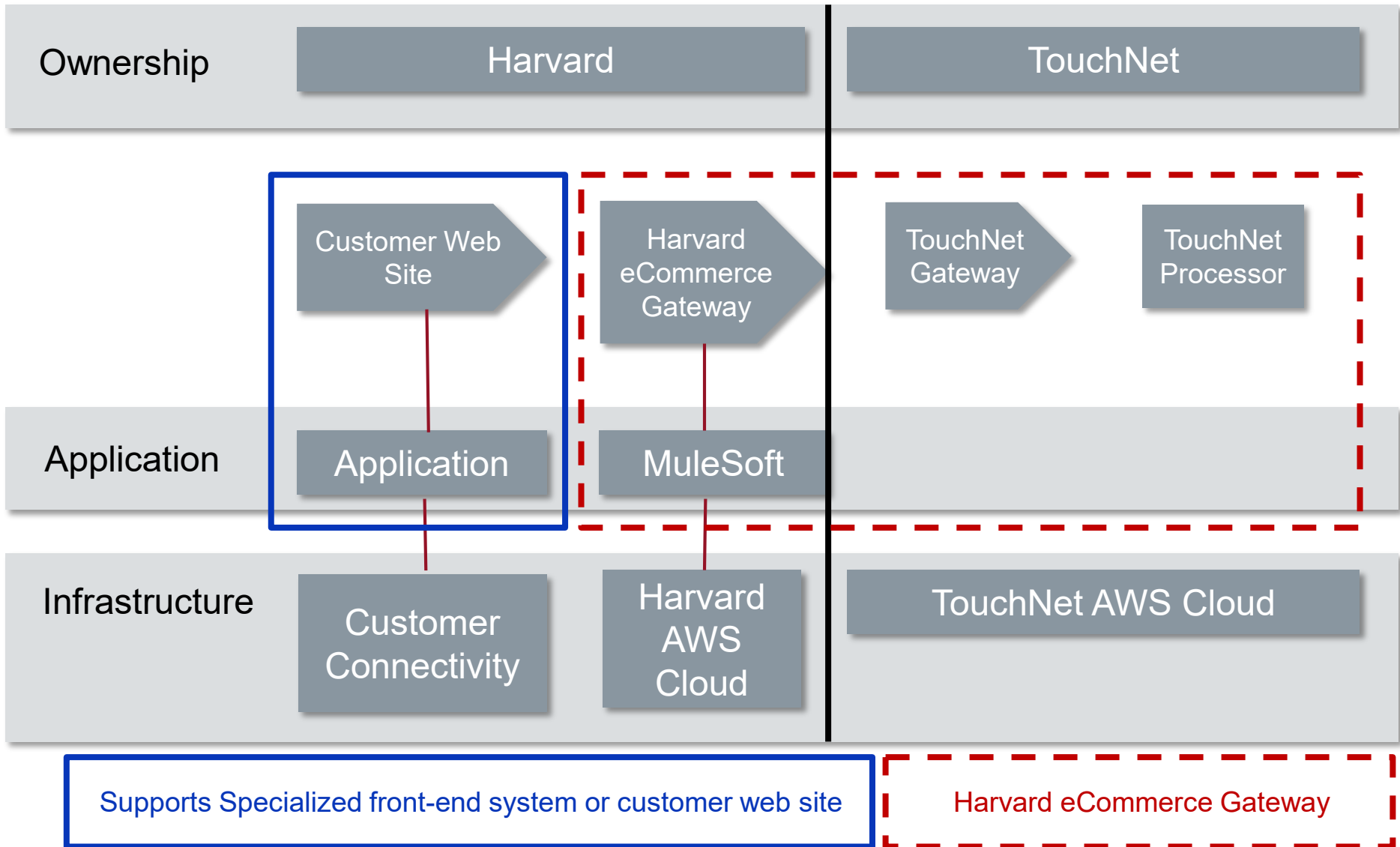
# How Harvard eCommerce Gateway Works



## Payment Workflow Description

- 1 Self-managed eCommerce websites
- 2 Customer system or web site
- 3 Standard API solution
- 4 TouchNet uPay site
- 5 Harvard Oracle General Ledger

# Workflow Components for Harvard eCommerce Gateway



# Interface for Harvard eCommerce Gateway Works

- Customer's specialized front-end system or custom web site passes data payload to the Harvard eCommerce Gateway in the standardized format sample below

Mandatory Fields		
CONFIG_FILE	<input type="text" value="I REC_FINTEST"/>	The unique name that identifies your configuration options within the service, e.g. the UPAY_SITE_ID, etc.
TRANSACTION_ID	<input type="text"/>	A unique identifier you wish to use for this transaction. You can enforce uniqueness on this identifier within uPay. This ID will be returned as part of the payment acknowledgement from uPay.
AMT	<input type="text" value="9.99"/>	The amount to be debited by uPay (format "90.00"). Maximum value is 99999.99.
Recommended Fields		
CLIENT_ID	<input type="text" value="b81dc289d25f4ea29bf6a6f71f8d3eac"/>	An ID unique to your application to control SLA based policies. Please ensure you have a MuleSoft Client ID and Client Secret before you start your testing.
SECRET_KEY	<input type="text" value="0999f2f1A96148558A8Df744b3c39047"/>	Unique to your application to control SLA based policies. Please ensure you have a MuleSoft Client ID and Client Secret before you start your testing.
MULESOFT_VALIDATION_KEY	<input type="text"/>	This is an encrypted field provided by your application to this web service. If this web service does not recognize the value provided by your application, then this web service will not initiate a payment transaction. When you start your project, do not need this field to be enforced, but it is recommended that it is enforced before your project goes live. It will ensure that only your application makes use of the CONFIG_FILE you have defined.
Optional Fields		
TRANSACTION_ID_LABEL	<input type="text"/>	The label you would like used against your unique id.
ALTERNATIVE_IDS	<input type="text"/>	An alternative way to identify the transaction (e.g. INVOICE_ID). This is a free text field.

# The payment takes place within the TouchNet uPay environment

Please enter your credit card information

Total:

\$20.00

\* Indicates required information

\* Credit Card Type:

\* Account Number:

\* Expiration Date:

\* Security Code: (View example)

\* Name on Card:

## Billing Address of Credit Card

\* Street Address 1:

Street Address 2:

\* City:

\* State:

\* ZIP Code:

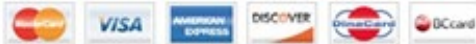
\* Country:

\* Email:

Day Phone:

Night Phone:

Mobile Phone:



## A receipt from TouchNet will be emailed to the customer

### Notification of Payment

This message is an automated notification to inform you that your payment has been completed successfully. Please note that all payments are subject to approval and final verification.

**Billed To:**

Martha McEwan  
74 Selwyn St.  
Unit 1  
Roslindale, MA  
02131

**Payment Information:**

Payment Type:Credit Card  
Card Type:Visa  
\*\*\* Card Not Present \*\*\*


System Tracking ID:8356  
Date/Time:October 1, 2018 10:20:59 AM EDT  
External Transaction ID:O-O-18194  
Payment Gateway Reference Number:20181001000008

**Total Paid:\$20.00**

Thank you  
Athletics Membership

Example of TouchNet Receipt



# Solution offers simple yet robust reporting

Customer Service Payment Search Print Page 

Search for payments to view, refund, or cancel.

**Payment Search**

**Enter one or more filter values for payment search.**

System Tracking ID:	<input type="text"/>
Payment Gateway Reference Number:	<input type="text"/>
Credit Card Authorization Code:	<input type="text"/>
External Transaction ID:	<input type="text"/>
Linked Session Id:	<input type="text"/>
Customer Name:	<input type="text"/>
Customer Phone Number:	<input type="text"/>
Customer Email:	<input type="text"/>
Order Date:	From: <input type="text" value="10/01/18 12:00 AM"/>  To: <input type="text" value="10/01/18 11:59 PM"/> 

## Steps to launching a new ecommerce payment site

1. Department fills out [Harvard eCommerce Gateway application](#) and obtain approval from your Financial Dean or Equivalent
2. Harvard eCommerce Team provides the (Dept/School/Unit) with information for the set-up
3. Department coordinates set up with the technical teams from the customer and the Harvard eCommerce Gateway support staff
4. Technical set up test environment and work on passing data payloads to test
5. Harvard eCommerce Team works with department to customize/brand site in the TouchNet Test environment and perform test payment transactions until successful
6. Harvard eCommerce team moves site into Production environment
7. Customer final testing is performed with eCommerce Team and Harvard eCommerce Gateway Technical Team for end-to-end testing and sign-off
8. After successful test payment transactions in Production environment, site goes live

## Support Services Provided:

- Pre-service consulting for new customers
- Support for setup and configuration
- Provide system training and collaboration on testing, and ongoing support
- PCI compliance impact and training
- Reconciliation reporting
- Ongoing support after implementation
- Technical data payload testing, troubleshooting and issue resolution

For more information contact Treasury Management's eCommerce Team at:  
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