

SAGE PAYMENT SOLUTIONS

GATEWAY

XML Web Services for Merchant Administration

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sage

Overview – XML Web Services for Merchant Administration

The Gateway is an ecommerce platform that provides a wide variety of ecommerce functionality. Merchant accounts can be configured via the browser based interface located at:

<https://www.sagepayments.net/merchantadmin>

However, for systems based management of accounts, the Merchant Administration XML Web Services can be utilized to perform all the same functions available from the browser based tool.

Security Restriction

For security purposes, access to the XML Web Service for Merchant Administration is restricted by IP Address. In order to gain access to the service, you must register and provide your IP Address to us for access configuration.

Overview of Gateway Architecture

The Gateway provides a wide variety of processing services and functionality. All merchants belong to a specific processor or partition. This 'processor' represents the highest logical grouping available on the gateway and allows for a wide variety of customization at the 'processor' level.

Each merchant record will belong to a processor. Each merchant has supporting records for Bankcard Configuration, Bankcard Risk Configuration, Virtual Check Configuration, Virtual Check Risk Configuration, and Virtual Terminal Access.

Each merchant record is accessed by its 12 digit 'M_id', which represents the merchant's identification number on the gateway, and its 12 digit 'M_key' which serves as the key/password.

In addition, the gateway provides several bankcard processing modules for a variety of authorization networks.

Administering Accounts with XML Web Services

The formal WSDL service description for the Merchant Administration Service is located at:

https://www.sagepayments.net/web_services/EFTSMerchantAdminWS/merchant_admin.asmx?WSDL

A test harness displaying all methods available is located at:

https://www.sagepayments.net/web_services/EFTSMerchantAdminWS/merchant_admin.asmx

Recommended Steps for Adding New Merchants

1. Obtain your processor id and processor key from us.
2. Call Method CreateMerchantAccount – This will create the basic merchant account, with all supporting records under a specific processor id.

Additional Steps for Configuring Bankcard

1. Call Method ViewBankcardFrontEndProcessors - This will provide a list of available front-end networks and their required configuration strings
2. Call Method UpdateMerchantBankcard – This will configure the merchant for bankcard, complete with the front-end and front-end parameters.
3. Call Method ViewBankcardRiskProcessors – This will provide a list of available risk processing modules and their required configuration string
4. Call Method UpdateMerchantBankcardRisk – This will configure the merchant's risk parameters for bankcard.

Additional Steps for Configuring Virtual Check (EFT) Services

1. Call Method ViewVirtualCheckFrontEndProcessors - This will provide a list of available front-end networks and their required configuration strings
2. Call Method UpdateMerchantVirtualCheck – This will configure the merchant for virtual check, complete with the front-end and front-end parameters.
3. Call Method ViewVirtualCheckRiskProcessors – This will provide a list of available risk processing modules and their required configuration string
4. Call Method UpdateMerchantVirtualCheckRisk – This will configure the merchant's risk parameters for virtual check.

Recommended Steps for Adding Managing/Updating Merchants

Managing Merchants for Bankcard Services

1. Call Method ViewMerchantBankcard - This will provide the merchant bankcard record
2. Call Method UpdateMerchantBankcard – This will configure the merchant for bankcard, complete with the front-end and front-end parameters.
3. Call Method ViewMerchantBankcardRisk – This will provide the merchant bankcard risk record
4. Call Method UpdateMerchantBankcardRisk – This will configure the merchant's risk parameters for bankcard.

Additional Steps for Configuring Virtual Check (EFT) Services

1. Call Method ViewMerchantVirtualCheck - This will provide the merchant VirtualCheck record
2. Call Method UpdateMerchantVirtualCheck – This will configure the merchant for VirtualCheck, complete with the front-end and front-end parameters.
3. Call Method ViewMerchantVirtualCheckRisk – This will provide the merchant VirtualCheck risk record
4. Call Method UpdateMerchantVirtualCheckRisk – This will configure the merchant's risk parameters for VirtualCheck.

Technical Support

For developers requiring assistance, please contact the Internet Services Division Technical Support Center at 956.548.9400.