

Magensa Services

Administrative Account Services
API Documentation for Informational Purposes Only

September 2014

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Table 0.1 - Revisions

Rev Number	Date	Notes
1.01	September 2014	Initial Release

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Overview

The Account Admin web service allows resellers of QwickPAY or the Magensa Payment Protection Gateway (MPPG, see document 99810049) to create and manage its new Merchant Accounts on the Magensa system. A Merchant Account contains profile data that Magensa uses to process transactions presented to it by either the QwickPAY mobile acquiring application or, in the case of MPPG, a POS processing application.

In addition, the Account Admin web service may be used to “unlock” Merchant Accounts that have been disabled by repeated, unsuccessful login attempts, as well as the ability to send a new “change password” email to the merchant.

Registration

Before the Account Admin web service can be used by a reseller for its merchants, the reseller must first be registered with Magensa as either a QwickPAY or MPPG reseller or both and have obtained a valid **ResellerCode**. Please contact MagTek sales at www.magtek.com.

Once registered, the reseller may contact MagTek for an Account Admin **Username** and **Password**. In addition, as all Account Admin operations are accessed using the SOAP protocol over HTTPS (HTTP over encrypted SSL / TLS connection), the reseller will be issued a client certificate to be placed on their requesting server.

The Account Admin WSDL can be found at <https://accountadmin.magensa.net/service.asmx?WSDL>. The WSDL contains additional fields not listed in this document. Only the fields listed in this document are active.

Merchant Profile Data

MerchantID – Uniquely identifies the merchant on Magensa. Required in the QwickPAY application, QwickPAY Virtual Terminal and MPPG transaction processing request. Created by ProvisionAccount10.

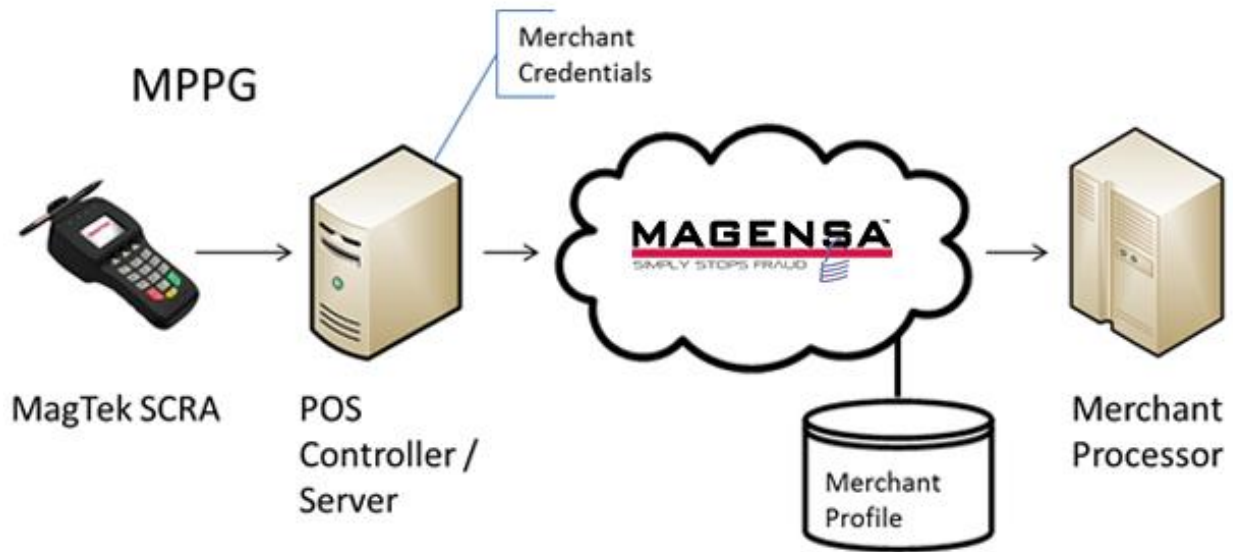
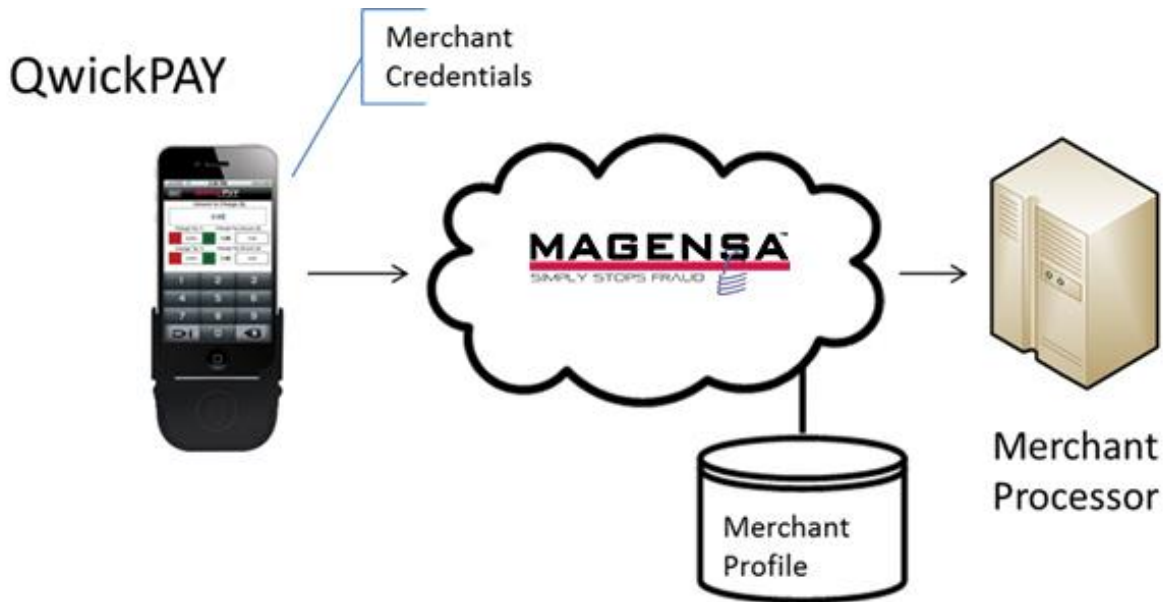
MerchantPassword – Must accompany the **MerchantID** to process transactions on Magensa. Created by the recipient of the account creation notification email via a web link embedded in the message.

Merchant (name, address, email address) – Entered when the account is created.

QwickPAYImageAsBase64String – A splash screen image for QwickPAY. The image must be 320 by 480 pixels and encoded as a Base64 string.

ProcessorMerchantDetail – Credentials and information required by the merchant processor at transaction time.

Processing with Merchant Profile Data



General Processing Instructions

ProvisionAccount10

Description: A reseller creates a new Merchant Account and credentials to allow Magensa to process transactions for the reseller's merchant via QwickPAY or MPPG.

1. Collect the required data from the merchant as required by the API.
2. Process the data to the operation as specified.
3. Magensa will then execute the following process:
 - a. Verify the **ResellerCode** exists. If the code does not exist, the operation will fail. An error message will be returned and the merchant account will not be created.
 - b. Use the provided data to send a test transaction to the processor and account specified. If this step fails, the operation will fail. An error message will be returned and the merchant account will not be created.
 - c. Create the new merchant account, including generation of the **MerchantID** as well as the password reset link. These will be mailed to the email addresses indicated in the **NotificationEMailList**.
4. The web service will return with a **ResultCode** and the new merchant information.

UnlockAccount10

Description: A reseller may unlock their merchant's account after repeated, failed attempts to login with incorrect credentials.

1. Collect the **MerchantID** from the merchant.
2. Process the data to the operation as specified.
3. The web service will return with a **ResultCode**.

SendPasswordChangeEmail10

Description: A reseller may send a new password reset link for the specified merchant account to email addresses provided. The link may then be used by the addressee to change the password for the account.

1. Collect the **MerchantID** and email address(es).
2. Process the data to the operation as specified.
3. The web service will return with a **ResultCode**.

Supported Processors

The following processors are supported on the Account Admin web service:

GlobalPay (Global Transport)
Heartland
Phoenix
PPI
WorldPay

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Account Admin Request Parameters

Request Parameter	Format	Required / Conditional / Optional	Notes
ProvisionAccount10Input			
Username	String	Required	Username issued by Magensa to use the Account Admin web service
Password	String	Required	Password issued by Magensa to use the Account Admin web service
RequestorName			
Merchant	Composite	Required	
Name	String	Required	
ContactFirstName	String	Optional	
ContactLastName	String	Required	
URL	String	Optional	
Phone	String	Required	
EMail	String	Required	
AddressLine1	String	Required	
AddressLine2	String	Optional	
City	String	Required	
State	String	Required	2-character US state code for merchant state. e.g. "CA"
ZIP	String	Required	4 to 10 digit merchant ZIP
Country	String	Required	3 letter country code - "USA"
QwickPAYImageAsBase64String	String	Optional	Merchant's QwickPAY image in base-64 string format

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Reseller	Compo site	Required	
MasterResellerName	String	Required	Must be "MagTek"
Processor	Compo site	Required	
Name	String	Required	Supported values are "WorldPay", "PPI", "GlobalPay", "PHOENIX", "HEARTLAND"
ProcessorMerchant	Compo site	Required	
ProcessorMerchantDetail	Array of Key-Value pair	Required	Processor merchant details – keys value pairs described below
WSName	String	Required	Product Name – supported values are "QwickPay" or "MPPG"
IsTestAccount	String	Required	"Y" - if this is a test account. Transactions will be processed to the processor's test account system.
ResellerCode	String	Required	Reseller Code – for QwickPay and MPPG
ResellerEmail	String	Optional	Reseller Email. Will be shown in Merchant welcome email if passed.
GatewayID	String	Required for HEARTLAND GLOBALPAY PHOENIX, see appendix B	User Name supplied in the request. Max length is 50. Error code H538
GatewayPWD	String	Required for HEARTLAND GLOBALPAY PHOENIX, see appendix B	User Password supplied in the request. Max. length is 50. Error code H539
DeviceSerialNumber	String	Optional	Device Serial Number. Max. length is 32.
GatewayPPIAccountToken	String	Required for PPI, see appendix B	Supplied in the request Max. length is 150. Error code H536
ProcessorMerchantID	String	Required for WorldPay, see appendix B	Supplied in the request. Min. length is 15. Max. length is 16. Error code H501

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ProcessorStoreID	String	Required for WorldPay, see appendix B	Supplied in the request. Min. length is 6. Max. length is 8. Error code H502
ProcessorTerminalID	String	Required for WorldPay, see appendix B	Supplied in the request. Length should be 8. Error code H503
NotificationEMailList	String	Required	Comma-separated e-mail ids
NotificationEMailCustomText	String	Optional	String can be shown in merchant email.

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UnlockAccount10			
Username	String	Required	Username issued by Magensa
Password	String	Required	Password issued by Magensa
RequestorName	String	Optional	
MerchantID	String	Required	
SendPasswordChangeEmail10			
Username	String	Required	Username issued by Magensa
Password	String	Required	Password issued by Magensa
RequestorName	String	Optional	
MerchantID	String	Required	
SetPasswordNotificationEmailList	String	Required	Comma-separated e-mail ids

QwickPAY Account Admin Response Fields

Response Fields	Format	Notes
ProvisionAccount10Output		
ResultCode	String	See Appendix A
ResultMessage	String	
MerchantID	String	
MerchantPassword	String	
MerchantName	String	
ProcessorMerchantID	String	
UnlockAccount10Output		
ResultCode	String	See Appendix A
ResultMessage	String	
SendPasswordChangeEmail10Output		
ResultCode	String	See Appendix A
ResultMessage	String	

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Operations

ProvisionAccount10

Inputs: ProvisionAccount10Input
Outputs: ProvisionAccount10Output

UnlockAccount10

Inputs: UnlockAccount10Input
Outputs: UnlockAccount10Output

SendPasswordChangeEmail10

Inputs: SendPasswordEmail10Input
Outputs: SendPasswordEmail10Output

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Appendix A

Result Code	Notes	Result Message
1000	Operation was successful	Various
H100	User authentication failed	User authentication unsuccessful
H002	Input validation failed.	Invalid notification eMail list
H003	Input validation failed.	Invalid notification eMail custom text
H004	Input validation failed.	Invalid requestor name
H005	Input validation failed in Unlock Account	Invalid requestor name
H006	Input validation failed in Unlock Account	Invalid MerchantID
H008	Input validation failed in Send Password Change Email	Invalid requestor name
H009	Input validation failed in Send Password Change Email	Invalid MerchantID
H010	Input validation failed in Send Password Change Email	Invalid Set PasswordNotificationList
H101	Input validation failed.	Invalid merchant name
H102	Input validation failed.	Invalid merchant contact first name
H103	Input validation failed.	Invalid merchant URL
H104	Input validation failed.	Invalid merchant phone
H105	Input validation failed.	Invalid merchant eMail
H106	Input validation failed.	Invalid merchant address line 1
H107	Input validation failed.	Invalid merchant address line 2
H108	Input validation failed.	Invalid merchant city
H109	Input validation failed.	Invalid merchant state
H110	Input validation failed.	Invalid merchant ZIP
H111	Input validation failed.	Invalid merchant country
H112	Input validation failed.	Invalid merchant financial institution
H113	Input validation failed.	Invalid merchant QwickPAY image
H114	Input validation failed.	Invalid shipping attention to
H115	Input validation failed.	Invalid shipping name

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H116	Input validation failed.	Invalid shipping address line 1
H117	Input validation failed.	Invalid shipping address line 2
H118	Input validation failed.	Invalid shipping city
H119	Input validation failed.	Invalid shipping state
H120	Input validation failed.	Invalid shipping ZIP
H121	Input validation failed.	Invalid shipping country
H122	Input validation failed.	Invalid shipping phone
H123	Invalid input failed.	Invalid merchant information
H124	Input validation failed.	Invalid merchant contact last name.
H160	User authentication failed	User action authorization unsuccessful
H200	Input validation failed.	Invalid reseller information
H201	Input validation failed.	Invalid master reseller name
H202	Input validation failed.	Invalid reseller name
H203	Input validation failed.	Invalid secondary reseller name
H300	Input validation failed.	Invalid processor information
H301	Input validation failed.	Product Name is empty
H302	Input validation failed.	WSName is empty
H303	Input validation failed.	Invalid IsTestAccount
H304	Input validation failed.	Invalid Account Type (Test, Production)
H305	Input validation failed.	Invalid Product Name
H500	Input validation failed.	Invalid processor merchant information
H501	Input validation failed.	Invalid processor merchant information - merchant ID
H502	Input validation failed.	Invalid processor merchant information - store ID
H503	Input validation failed.	Invalid processor merchant information - terminal ID
H504	Input validation failed.	Invalid processor merchant information - Is American Express accepted
H505	Input validation failed.	Invalid processor merchant information - Is Discover accepted
H506	Input validation failed.	Invalid processor merchant information - Is MasterCard accepted

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H507	Input validation failed.	Invalid processor merchant information - Is Visa accepted
H508	Input validation failed.	Invalid processor Name
H610	User request registration failed.	User request registration unsuccessful
H620	Error encountered when provisioning QwickPAY account.	Error encountered when provisioning QwickPAY account. Contact support with reference RequestID
H630	Error encountered when deactivating QwickPAY account. Contact support	Error encountered when deactivating QwickPAY account. Contact support with reference RequestID
H640	Error encountered when reactivating QwickPAY account. Contact support	Error encountered when reactivating QwickPAY account. Contact support with reference RequestID
H642	Error encountered when working with Merchant ID Alias. Contact support	Error encountered when working with Merchant ID Alias. Contact support with reference RequestID
H643	Error encountered in function Name	Contact support with reference RequestID
H919	Unexpected error encountered. Contact support	Unexpected error encountered when provisioning QwickPAY account. Contact support with reference RequestID
H929	Unexpected error encountered. Contact support	Unexpected error encountered when deactivating QwickPAY account. Contact support with reference RequestID
H929	Unexpected error encountered. Contact support	Unexpected error encountered when reactivating QwickPAY account. Contact support with reference RequestID
H999	Input validation failed.	Unexpected error - invalid input
I210	Error encountered when testing new QwickPAY account.	Your request is being processed. Please wait for an email confirmation. Reference RequestID
I211	Error encountered when testing new QwickPAY account. Transaction rejected by processor.	Your request is being processed. Please wait for an email confirmation. Reference RequestID
I220	Error encountered when notifying new QwickPAY account information.	Error encountered when notifying new QwickPAY account information. Contact support with reference RequestID
I310	Error encountered when notifying after deactivating QwickPAY account	Error encountered when notifying QwickPAY account deactivation. Contact support with reference RequestID
I410	Error encountered when notifying after reactivating QwickPAY account	Error encountered when notifying QwickPAY account reactivation. Contact support with reference RequestID

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Appendix B

Processor Account Info

Processors

PPI

Request Parameter	Format	Required / Conditional / Optional	Notes
GatewayPPIAccountToken	String	Required	Account Token

Processors

Global Pay Heartland Phoenix

Request Parameter	Format	Required / Conditional / Optional	Notes
GatewayID	String	Required	User Name
GatewayPWD	String	Required	User Password

Processors

World Pay

Request Parameter	Format	Required / Conditional / Optional	Notes
ProcessorMerchantID	String	Required	Merchant ID
ProcessorTerminalID	String	Required	Terminal ID
ProcessorStoreID	String	Required	Store ID