

# FreedomPay Error Codes

## Guide

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**FREEDOM.PAY**

**NEXT LEVEL COMMERCE**

## Document Version History

VERSION	DATE	AUTHOR	REASON FOR CHANGE
6.1	02/08/2023	Michael Blair	<ul style="list-style-type: none"><li>Added 157 error code information</li></ul>
6.0	12/8/2021	Kevin Fradeneck	<ul style="list-style-type: none"><li>Updating error codes for all Middleware Services</li></ul>
N/A	N/A	N/A	<ul style="list-style-type: none"><li>Last release before versioning added</li></ul>

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## 1.0 FreeWay Error Codes

When coding an application, your logic should always be based off the FreeWay Decision Field, not the Error Code.

The list of Error Codes provided below is given to provide additional information about Declined, Failed, or Errored transactions.

Code	Class	Description	Recommended Action	Notes
100	General	Approved		
101	General	One or more required fields missing from the request	Consult the missingFields entry in the reply	
102	General	One or more fields in the request contain invalid data	Consult the invalidFields entry in the reply	
103	General	An invalid combination of services was requested		
104	General	Duplicate transaction		
111	EFV	One or more fields contains invalid data		
112	EFV	One or more required fields missing		
149	General	Issue occurred processing request; unknown error	Contact Freedompay immediately	
150	General	Issue occurred processing request; application error	A fatal error occurred while processing the request. Do not retry the transaction; contact Freedompay immediately.	
151	General	An internal timeout occurred while processing the request	Try again	
152	General	An internal error occurred while communicating with the card processor	Contact Freedompay immediately	
153	General	Unable to communicate with card processor	Try again	

Code	Class	Description	Recommended Action	Notes
154	General	Invalid card processor configuration	Contact Freedompay immediately	
155	General	Internal communication failure	Try again	
<b>157</b>	General	Detected client disconnection	Try again	
161	General	Business date required		
162	General	Business Date is earlier than the most recent date		
201	Payment	Call issuing bank for authorization		
202	Payment	Expired card (or mismatched expiry date provided)	Obtain an updated card	
203	Payment	Declined by issuing bank – unspecified reason		
204	Payment	Insufficient funds		Some issuers return this for over-limit credit cards
205	Payment	Lost or stolen card		
206	Payment	Stolen card		
207	Payment	Issuing bank unavailable to authorize request		
208	Payment	The card is not active or not eligible for this type of transaction		
209	Payment	Incorrect PIN		Some issuers return this if the number of failed PIN attempts is exceeded
210	Payment	Card over limit		
211	Payment	Incorrect card verification number (CVC/CVV2/CID)		
212	Payment	Invalid PIN Data		
213	Payment	Card not valid at this location		
214	Payment	Invalid Track Data		

Code	Class	Description	Recommended Action	Notes
215	Payment	Invalid amount (gift cards only)		For cashout, may indicate that the balance is too high to be cashed out. For other transactions, may indicate that the requested amount is not allowed.
216	Payment	Revert to contact		Issuer requests that the customer insert their card (and not tap)
220	Payment	Issuing bank rejected the transaction due to generic account problem		
221	Payment	Suspected fraud		
222	Payment	Account is frozen		
229	Payment	Merchant Configuration error	Contact FreedomPay immediately	
231	Payment	Invalid account number		
232	Payment	Card Type not enabled for merchant	Contact FreedomPay immediately	
233	Payment	Processor rejected the transaction due to an issue with the request		
234	Payment	Invalid merchant credentials	Contact FreedomPay immediately	
235	Payment	Return amount exceeds the amount of original authorization		Currently applicable to stored value cards only
236	Payment	Processor reported an error while attempting to process the request	Try again	

Code	Class	Description	Recommended Action	Notes
237	Payment	Processor reported an error while attempting to process the request	Contact FreedomPay immediately	
238	Payment	The authorization has already been captured		
239	Payment	The capture amount was for more than the authorization amount		Capture amount > Auth amount is not necessarily an error. This is returned when it is.
241	Payment	Invalid Request ID		
242	Payment	No un-captured authorization record was found		
243	Payment	The transaction is already settled		
244	Payment	Redundant Adjustment. The adjustment won't change the authorized amount probably because it isn't supported by the processor	No action required	If one of the <a href="#">responseflags</a> is set to 'A', it will be returned as an ACCEPT decision otherwise ERROR
245	Payment	The transaction contains both card data and an orderRequestID, but the card data does not match that from the original transaction		
246	Payment	The transaction cannot be voided		
247	Payment	The transaction has already been voided		
248	Payment	The authorization for this transaction is no longer valid		
249	Payment	Unable to reverse off authorization	No action required	The transaction has been removed from the batch (so it won't settle)
250	Payment	A timeout occurred while waiting for a response from the processor	Try again	

Code	Class	Description	Recommended Action	Notes
251	Payment	Processor or issuing bank does not support this transaction		EMV transactions that are processed with an AID that is not valid for the card type (debit vs credit) will return this code.
252	Payment	The processor is not available	Try again	
253	Payment	Merchant is not allowed to perform this transaction		
254	Payment	Process rejected transaction, invalid data		
255	Reversal	Void was received before the time allowed for the auth to complete.	Try again	Usually caused by a quick lane timeout for Interac
261	eMSR Hardware	Track Data decryption error	Contact Freedompay immediately	
262	eMSR Hardware	Device Not Supported	Contact Freedompay immediately	
263	eMSR Hardware	Encryption Mode Not Supported	Contact Freedompay immediately	
264	eMSR Hardware	Key set not registered	Contact Freedompay immediately	
265	eMSR Hardware	Internal error while decrypting	Contact Freedompay immediately	
266	eMSR Hardware	P2PE encryption required	Contact Freedompay immediately	
271	MicroFrame	Invalid or inactive moniker		
281	Payment	Private Label account bankrupt		
282	Payment	Private Label account closed		



Code	Class	Description	Recommended Action	Notes
284	Payment	Private Label card is revoked		
285	Payment	Private Label card is charged off		
286	Payment	Unbalanced tax details (private label only)		
287	Payment	AVS/CVN Validation code not whitelisted		
288	Payment	Rejected due to fraud checking		
300	Promo / Terms	An error occurred in communicating with the Promotion Engine	Try again	
301	Promo / Terms	The submitted transaction contains more than one promotion, but the remote system supports only one promotion code per transaction		
302	Promo / Terms	The invoice would have zero value		
310	Promo / Terms	Requested promotion(s) failed validation.	Check requirements for the promotion	
311	Promo / Terms	The available window for this promotion has expired		
312	Promo / Terms	This card is not eligible for this promotion	Check requirements for the promotion	
313	Promo / Terms	This merchant is not eligible for this promotion	Check requirements for the promotion	
314	Promo / Terms	The promotion is not valid at this time	Check requirements for the promotion	
315	Promo / Terms	The scenario code specified for this promotion was not valid	Check requirements for the promotion	
316	Promo / Terms	The merchant has not opted-in for the promotion	Check requirements for the promotion	
317	Promo / Terms	The promotion engine found different available promotions than the one specified		Returned only for lookups
320	Promo / Terms	The merchant is not correctly configured for discounts (Program not found)		Indicates a configuration error in Freeway
322	Promo / Terms	This card is not eligible for any terms promotions		

Code	Class	Description	Recommended Action	Notes
323	Promo / Terms	This merchant is not registered for this program		
324	Promo / Terms	The entered promotion was not found		(Validates only)
330	Promo / Terms	The invoice did not satisfy the rules of the promotion requested		
335	Promo / Terms	The qualifying subtotal is not within the purchase amount bounds of this promotion		
336	Promo / Terms	The qualifying quantity is not within the amount bounds of this promotion		
337	Promo / Terms	The eligible subtotal is not within the purchase amount bounds of this promotion		
338	Promo / Terms	The qualifying subtotal is not within the percentage purchase amount bounds of this promotion		
339	Promo / Terms	The invoice amount is not within the purchase amount bounds of this promotion		
340	Promo / Terms	No products on the invoice qualify for the promotion requested		
341	Promo / Terms	The product does not qualify for the promotion requested		
342	Promo / Terms	The product does not qualify for the promotion requested		
343	Promo / Terms	The product does not qualify for the promotion requested		
344	Promo / Terms	The sale code did not apply for the promotion requested		
345	Promo / Terms	The unit price submitted was either too high or too low for the promotion requested		
346	Promo	The quantity submitted was either too high or too low for the promotion requested		
347	Promo	The subtotal submitted was either too high or too low for the promotion requested		
348	Promo	The non-qualifying items exceeded the threshold amount allowed by this promotion		
401	Tokens	Error retrieving payment information from Token service	Try again later	Also used for mobile payments
402	Tokens	Expired token (mobile only)		
408	Tokens	Disabled token (mobile only)		

Code	Class	Description	Recommended Action	Notes
410	Tokens	Token over limit (mobile only)		
431	Tokens	Invalid token		
451	Tokens	Unsupported request		
491	Tokens	Type of card backed by token does not match the type of card sent to Freway		
701	DCC	Successful retrieval of DCC Information Card is eligible	Ask if customer wants to use DCC rates	
702	DCC	Card is not eligible for DCC		
703	DCC	Invalid DCC Credentials	Contact Freedompay immediately	

## 2.0 Freeway Commence Connect (FCC) Error Codes

These are error messages that are specific to the FCC and will generally be displayed in the event that the FCC is unable to communicate with FreeWay or if there is an issue between the FCC Server Service and the FCC Client Service. In some cases, the error may be displayed if the transaction fails or is cancelled.

Code	Message	Description
3000	Timeout Reversal	Indicates that a request was made to Freeway which timed out. A Timeout reversal request was sent to Freeway which voided the transaction. Not entered in the System Event Log.
3001	Freeway Connection Error (Timeout Reversal Failure)	Indicates that a request was made to Freeway which timed out. A Timeout Reversal Request was then sent to Freeway which also timed out. The most likely explanation for this error is some sort of network failure. It is likely, but not certain, that the original request never got to Freeway. Entered on the System Event Log.
3002	No Workstation ID Specified	FCC Server received a request from POS which requires a card-present transaction but there was no workstation id. Almost certainly due to a misconfiguration of the POS system. Entered on the System Event Log.
3003	Workstation ID Unknown	FCC Server received a request to be sent to a Workstation that which it does not know about. This implies that the POS system can communicate with the workstation, but FCC Server cannot. It might possibly indicate an error in FCC Client. Its status and its logs should be examined. Entered on the System Event Log. FCC Server cannot

<b>3004</b>	Unsupported Opera Message	<i>Opera-specific.</i> FCC Server received an Opera Message (or message mode) that it does not support. FCC Server does not support most Opera Messages and some modes of those it does support. This either means that Opera has been misconfigured or that we have encountered a use case which was not anticipated. Entered on the System Event Log.
<b>3005</b>	MerchantReferenceCode, Transaction or Request ID Not Found	The MerchantReferenceCode, TransactionID or RequestID specified by the POS system was not found in the FCC Server database. These IDs are used to track follow on operations such as incremental authorizations and settlements. Failure to find the entry in the database might be due to a failed Database rollover or a misconfiguration of the POS system. More detailed information about the error can be found in the log. Entered on the System Event Log.
<b>3006</b>	Database Access Failure	FCC Server attempted to access its database and failed to do so. More detailed information about the error can be found in the log. This is likely a network or configuration error. It indicates a serious error if running in stand-alone mode. Entered on the System Event Log.
<b>3007</b>	Authorization Not Allowed	An Incremental Authorization was attempted on a card type which does not support it such as Debit.
<b>3008</b>	Internal Error	FCC Server encountered a state which was unexpected. It may indicate a bug in the operation of one of the system components (FCC Server, FCC Client or the POS System). More detailed information about the error can be found in the log. Entered on the System Event Log.
<b>3009</b>	FCC Client Comm Error	Applicable to Client/Server configurations of the FCC. Communication with the FCC Client was lost, probably caused by a timeout but maybe something more severe. If a timeout happens during a request, the connection is closed automatically. If everything is in order, FCC Client will re-establish communication

		within ten seconds and everything will continue normally. More detailed information about the error can be found in the log. Entered on the System Event Log.
<b>3010</b>	Invalid POS Request	The POS system sent a request containing invalid data. Not entered on the System Event Log.
<b>3011</b>	POS Connection Lost	An attempt to send a POS Response failed because the connection was closed before FCC Server could respond, possibly due to network issues. More detailed information about the error can be found in the log. Entered on the System Event Log.
<b>3012</b>	Generic Error	
<b>3015</b>	Multiple FCC Client Requests	A second request was made to invoke FCC Client before a previous one was complete. This is due to a configuration error, possibly because more than one workstation has the same ID. Entered on the System Event Log.
<b>3018</b>	Cancel Failure	An attempt to service a Cancel request failed. Entered on the System Event Log.
<b>3019</b>	Request ID Not Found	The specified request ID was not found. Entered on the System Event log.
<b>3020</b>	Badly Formatted Request	The request is not valid. The error message gives more information about the problem.

<b>3021</b>	Offline Accept	A request was accepted offline.
<b>3022</b>	Offline Decline	A request was declined offline, likely because the amount specified is over the floor limit.
<b>3024</b>	Forced Offline	A request was processed as an offline transaction. This will usually be overwritten with a 3021 or 3022. If seen, a unhandled path has been triggered.
<b>3026</b>	Offline Processing Error	This error is return when the offline daemon refused to process a request because a previous request in the same transaction failed.
<b>3027</b>	Request Not Allowed Offline	This error is returned if the system is offline and the POS request cannot be performed in this mode.
<b>3028</b>	Signature Request	This error code is returned for a signature only request.
<b>3029</b>	Closed Client Connection	The client lost connectivity in the middle of a transactions. Can be caused by an abort request on another lane, or a restart of the client mid-transaction.
<b>3030</b>	Lane Timeout	If the MSR device does not respond with card information within the timeout.
<b>3033</b>	POS Aborted	This status code is returned if the POS aborted the request.
<b>3034</b>	FCC Client Timeout	This status code is returned if a request sent from the FCC Server Service times out waiting for a response from a request sent to the FCC Client Service.
<b>3035</b>	Transaction Disabled	This status code is returned if a transaction type (such as token creation) has been disabled via configuration.

<b>3036</b>	Reference Token Type Missing	<ul style="list-style-type: none"> <li>• <code>referenceTokenType</code> field was not specified in a create token request.</li> <li>• <b>3037 - Site Code Rejected</b> - Specified site code is rejected.</li> </ul>
<b>3037</b>	Site Code Rejected	Specified site code is rejected
<b>3038</b>	Site Code Not Found	Site code search did not find a site based on the information provided.
<b>3039</b>	Site Code Timeout	Site code search timed out.
<b>3040</b>	Offline Void	This status code is returned as the replay status of an offline request that was voided.
<b>3041</b>	Offline Archive	<ul style="list-style-type: none"> <li>• This code is returned as the replay status of an offline request that void archived.</li> </ul>
<b>3042</b>	Exceeds Max Days Offline	A request was declined offline because the number of days allowed offline has been exceeded.
<b>3052</b>	Exceeds Max Amount Offline	A request was declined because the allowed dollar amount of offline transaction was met.



<b>3102</b>	MsrLib No Response	The device library did not return a valid response.
<b>3120</b>	No Device	No device attached.
<b>3121</b>	Device Error	The device encountered an error.
<b>3122</b>	Network Error	The library cannot connect to an IP device.
<b>3123</b>	Token Error	Encountered an error while attempting tokenize.
<b>3124</b>	EMV Application Blocked	The application selected on a chip card is not accepted by this merchant.
<b>3125</b>	Card Blocked	This card type is not supported by the merchant.
<b>3126</b>	Chip Decline	The host approved the transaction but the chip declined it.
<b>3127</b>	Bad Card	An issue with the card was encountered.
<b>3128</b>	Device Timeout	The device did not respond.
<b>3129</b>	Bad Request	Bad request sent to device.
<b>3130</b>	Driver Error	A problem was encountered from the driver.
<b>3131</b>	Offline	Operation not allowed in offline mode.
<b>3132</b>	Invalid PIN	The PIN entered is invalid.
<b>3133</b>	User Cancel	A user clicked the cancel button.
<b>3134</b>	Card Removed Prematurely	The user removed a chip card before the transaction was complete.
<b>3135</b>	Unknown Error	An unknown error occurred.
<b>3136</b>	Internal Error	An internal error occurred.
<b>3137</b>	Aborted	Result of an abort command. Graceful shutdown of client.

<b>3138</b>	Declined	A request was declined.
<b>3139</b>	Voice Auth	Voice Auth Required
<b>3140</b>	Not Supported	An invalid request: Token type not specified, Debit RFID, Device does not support sigcap
<b>3141</b>	Device Busy	Device is already processing a request.
<b>3143</b>	Invalid Form	An invalid form ID was specified in the DPOI Request.
<b>3144</b>	Invalid Certificate	An invalid TLS certificate was specified in the DPOI Request.
<b>3145</b>	Invalid Format	An invalid format was specified in the DPOI Request.
<b>3146</b>	Invalid Prompt	An invalid prompt was specified in the DPOI Request.
<b>3147</b>	Invalid AuthToken	An invalid auth token (certificateSource) was specified in the DPOI Request.
<b>3148</b>	Invalid Transaction Cookie	An invalid transaction cookie was specified in the DPOI Request.
<b>3149</b>	Device Lane Closed	Device lane is closed.
<b>3150</b>	Command Not Valid	The command is not valid at this time
<b>3151</b>	Signature Not Accepted	Signature was not accepted per the response received to the signature event.
<b>3152</b>	Implicit Transaction Started	An implicit transaction was started. This can normally occur when no BeginTrans call is made before performing other actions.
<b>3153</b>	Invalid Payment Template	An invalid begin payment template was specified for a BeginPayment DPOI request.
<b>3154</b>	Invalid Transaction Code	An invalid transaction code was specified in DPOI.

<b>5000</b>	Check Approved For Ach	The Check was approved for ACH, and the paper check should be Voided and returned to the customer
<b>5100</b>	Check Approved for Deposit	The Check was approved, and should be held for deposit
<b>5102</b>	Check Ach Selection Required	The CheckAch field was not filled in the request, or no selection was made

### 3.0 Hosted Payment Page (HPP) Error Codes

The HPP does not use standard error messages in the same way as either FreeWay or the FCC, it has its own simple set of Error Codes.

<b>Error Code</b>	<b>Description</b>
<b>A</b>	Accepted
<b>B</b>	B1 - B6 are BreadCrumb
<b>C</b>	Cancelled
<b>D</b>	Duplicate
<b>E</b>	Error Occurred
<b>R</b>	Card Rejected

## 4.0 Android FreeWay Commerce Connect (AFCC) Error Codes

Error Code	Internal Name	Description	Recommended Action
3008	INTERNAL_ERROR	This represents a critical AFCC** error where the cause is unknown.	Contact FreedomPay.
3010	INVALID_REQUEST	The request is missing data or malformed, and cannot be processed.	Follow error message instructions.
3021	OFFLINE APPROVAL	The request was approved offline by SaF.	None.
3022	OFFLINE DECLINE	The request was declined offline.	Check internet connectivity.
3025	FREEWAY_FAILURE	Freeway did not return a proper Response.	Contact FreedomPay.
3031	FAILED_FREEWAY_COMMUNICATION	Could not communicate properly with Freeway.	Check internet connectivity.
8005	SAF_ERROR	An unrecoverable error happened while trying to execute SaF for an offline approval.	Contact FreedomPay.

## 4.1 POI Device Error Codes

Error Code	Internal Name	Description	Recommended Action
8003	OPERATION_TIMEOUT	An operation timed out and the transaction cannot continue.	Contact FreedomPay.
8004	CHANNEL_BROKEN	The communication channel with the device was broken and the device is now disconnected.	Reconnect POI device and reopen the lane.
8006	POS_FLOW_OVERRIDE	Signifies that the POS has decided to finish the flow of the transaction after the initial card read. Only applicable to unencrypted data.	Finish transaction on POS.
8007	LANE_ALREADY_OPENING	The lane was already opening, when a lane open instruction was received.	Wait for previous Lane Open request to complete.
3121	DEVICE_ERROR	The device encountered an error.	Contact FreedomPay.
3126	CHIP_DECLINE	The host approved the transaction but the chip declined it.	Have customer use different card.
3127	BAD_CARD	The device cannot process the card. Likely a bad card.	Have customer use different card.

Error Code	Internal Name	Description	Recommended Action
3129	BAD_REQUEST	Bad request sent to device.	Invalid action was attempted, do not repeat the request.
3130	DRIVER_ERROR	A problem was encountered from the driver.	Contact FreedomPay.
3133	USER_CANCELLED	A user clicked the cancel button on the device.	None.
3134	CARD_REMOVED_PREMATURELY	The user removed a chip card before the transaction was complete.	None.
3135	UNKNOWN_ERROR	An unknown error occurred.	Contact FreedomPay.
3137	ABORTED	Result of an POS cancel (i.e. abort) command. Graceful shutdown of client.	None.
3138	HOST_DECLINE	A request was declined.	Have customer use different card.
3141	DEVICE_BUSY	Device is already processing a request.	Finish current transaction first.

## 5.0 iOS FreeWay Commerce Connect (iFCC) Error Codes

Error Domain: com.freedompay.mobile.iOS.iFCC.errorDomain

Description	Value
genericErrorCode	100
illegalArgumentException	101
httpStatusCodeErrorCode	1000
existingLoggingDelegateErrorCode	2000
unexpectedResponseTypeReturnedErrorCode	3000
invalidLaneMapCountErrorCode	4000
invalidIFCCStateErrorCode	4001
iFCCInitializationDataMissingErrorCode	4002
iFCCConfigurationContextAlreadyInitialized	4003
unableToDeinitializeErrorCode	4004
unableToDeinitializeErrorCode	4005
iFCCInitializationFailedErrorCode	4006
operationCurrentlyInProgressErrorCode	5000
operationResponseMissingExpectedReplyComponentErrorCode	5001



Description	Value
inputParameterFormatErrorCode	5002
requiredPurchaseAmountDataNotAvailableErrorCode	5003
responseDeserializationErrorCode	5004
requestSerializationErrorCode	5005
unableToCreateFreeWayUrlConnectionErrorCode	5006
cardWaitTimedOutErrorCode	5007
noOperationCurrentlyInProgressErrorCode	5008
noOperationMetaDataFoundErrorCode	5009
operationIdentifierNotFoundErrorCode	5010
operationRequestNotFoundErrorCode	5011
serviceResponseElementNotFoundErrorCode	5012
noMappedDeviceAvailableErrorCode	5013
posResponseNotAvailableErrorCode	5014
operationNotSupportedErrorCode	5015
cancelNotSupportedWhileCommunicatingWithFreeWayErrorCode	5016
operationInInvalidStateErrorCode	5017

Description	Value
cardDataNotAvailableErrorCode	5018
freeWayResponseDidNotContainUsableDataErrorCode	5019
freeWayResponseDidNonSuccessHttpResponseCodeErrorCode	5020
emvTagValueNotAvailableErrorCode	5021
requestedDoINotAvailableErrorCode	5022
misMatchedEMVTagValueErrorCode	5023
improperlyFormattedTagValueErrorCode	5024
improperlyFormattedTLVDataErrorCode	5025
laneHasExistingOperationDelegateErrorCode	5026
laneDoesNotHaveRegisteredOperationDelegateErrorCode	5027
iFCCIsNotInitializedErrorCode	5028
lanesCurrentlyIdleErrorCode	5029
lanesCurrentlyBusyErrorCode	5030
laneDeviceDisconnectedErrorCode	5031
laneElementsMissingErrorCode	5032
invalidOperationTypeErrorCode	5033

Description	Value
invalidLaneErrorCode	5034
cancelNotSupportedOnOperationErrorCode	5035
noOperationIdentifierReturnedErrorCode	5036
invalidAIDSelectionListReceivedFromReaderErrorCode	5037
noCancellableOperationsFoundInLaneErrorCode	5038
responseDeserializationNoIdentifierErrorCode	5039
expectedResponsePayloadNotFoundErrorCode	5040
operationNotPreparedErrorCode	5041
lanelsUnavailableErrorCode	5042
lanesBusyErrorCode	5043
laneIllegalStateErrorCode	5044
laneReleaseTimeoutErrorCode	5045
functionalityNotImplementedErrorCode	6000
internalStateCorruptedErrorCode	6001
moduleStateSuspendedErrorCode	6002
couldNotCreateXMLParserErrorCode	7000

Description	Value
xmlParsingFailedToStart	7001
appConfigurationUnknownErrorCode	7002
binDataRequestCompletedWithNoDataErrorCode	8000
binDataFailedToSerializeErrorCode	8001
binDataInternalErrorErrorCode	8002
invalidOfflineRequestIdErrorCode	9000
invalidOfflineStateErrorCode	9001
iFCCDeviceSetupErrorCode	10000
iFCCDeviceSetupDataMissingErrorCode	10001

## 5.1 iMsrLib Error Codes

Error Domain: com.freedompay.mobile.iOS.iMsrLib.errorDomain

Description	Value
General Error	-100
Illegal State Error	-101
Feature Not Supported Error	-102

Description	Value
No Supported Device Types Available Error	-200
No Valid Devices Found Error	-201
Device Not Initialized Error	-202
Library Already Initialized Error	-203
Discovery Already Completed Error	-204
Library Not Initialized Error	-205
Library Already Deinitialized Error	-206
Device Disconnected During Initialization Error	-207
Configuration System Language Error Error	-208
Device Discovery Already In Progress Error	-300
Device Discovery Timed Out Error	-301
Device Status Connect Failed Error	-400
Device Disconnected While Pairing Error	-500
Pairing Failed Error	-501
Pairing Not Supported Error	-502
Pairing Resource Release Timed Out Error	-503

Description	Value
Configuration General Error	-600
Configuration Clearing AIDs Error	-601
Configuration Setting AIDs Error	-602
Configuration Clearing Public Keys Error	-603
Configuration Setting Public Keys Error	-604
Configuration Setting Online DOL Error	-605
Configuration Setting Amount DOL Error	-606
Configuration Setting Response DOL Error	-607
Configuration Unexpected State Error	-608
Configuration Setting Contactless AID Error	-609
Configuration Setting Contactless Online DOL Error	-610
Configuration Setting Contactless Response DOL Error	-611
Configuration Setting Contactless Transaction Options Error	-612
Configuration Setting Manager Error	-613
Capabilities Discovery Error	-700
Capabilities Unexpected State Error	-701

Description	Value
Device Command Timeout	-800
Device General Error	-900
UPP Device POSIX Error	-901
Command Processor Unexpected State Error	-1000
Command Processor Error	-1001
Payment Processing Error	-1100
Payment Processing Identifier Mismatch Error	-1101
Illegal Payment State Error	-1102
Unexpected Card Removal Reported Error	-1103
Unable To Build TLV Data Error	-1104
Chip Data Value Format Error	-1105
Chip Data Value Length Error	-1106
Card Not Present Or Fully Inserted Error	-1107
Payment Command Error	-1108
Unsupported Payment Command Response Error	-1109
Invalid Payment Parameters Error	-1110

Description	Value
Invalid Magnetic Stripe Data Error	-1111
Card Read Error	-1112
Unexpected State Error	-1200
Log Level Not Set Error	-1201
Illegal Device State Error	-1300
Illegal Device Display State Error	-1301
Illegal MOBY8500 Device State Error	-1302
Illegal MOBY8500 Device Input Error	-1303
Illegal MOBY8500 Device Unknown Key Press Detected Error	-1304
Illegal MOBY8500 Device PIN Capture Error	-1305
Illegal MOBY8500 Display Update Error	-1306
Device Disconnected During Operation Error	-1400
Device Battery Too Low Error	-1401
Device General Error	-1402
Device Disconnected Error	-1403
Device Non EMV Card Or Card Error	-1404



Description	Value
Lane Not Found Error	-1405
Lane Already Connected Error	-1406
Invalid Device Response Error	-1407
Device Busy Error	-1408
Device Battery Level Error	-1409
Operation Manager Illegal State Error	-1500
Firmware Update General Error	-1600
Firmware Update File Error	-1601
Firmware Download Handshake Error	-1602
Device Reset Error	-1700