

Allied Payment P2P integration

Allied Payment Network

Version 1.2

**Abstract**

The purpose of this document is to provide a high level overview of FlexPay/MobilePay integration using our P2P API interface to create person to person payments.

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| --- | --- | --- |
| Version | Date | Change |
| 1.0 | 9/12/2016 | Initial version |
| 1.1 | 9/13/2016 | Add Create Template and Payment call & Cancel payment |
| 1.2 | 11/30/2016 | Corrects Create Template and Payment call’s example response. |

# PURPOSE

The purpose of this document is to provide a high level overview of FlexPay/MobilePay integration using our P2P API interface to create person to person payments.

# SCOPE

This guidance is limited in scope and does not necessarily provide all information necessary to complete an implementation.

# FlexPay/Picturepay® integration Using P2P

## API Design

The API is designed in a RESTful style. It uses HTTP verbs GET, PUT, and POST to retrieve resources at a URL. The resources can be serialized in either JSON or XML.

### Authentication

The API is authenticated through the AUTHORIZATION header. Each call is authenticated independently.

The Authentication line, in general, looks like this:

*Authorization: TIMESTAMP domain=ALLIED;timestamp=Tue, 16 Sep 2014 13:59:25 GMT;signature=JT3JfEO43LptmKUN2lPUiFkpZrs=;publicKey=12345*

The signature is a BASE64 encoding of a HMACSHA1 hash. The private key is issued to the vendor. The payload for the hash, in this case, is url + “/r/n” + timestamp + “/r/n”

You may use other authentication payloads which include the entire http body.

There is no need for Allied to maintain a credential store on behalf of the users.

### Security

All calls are made over HTTPS/SSL.

Calls are secured using a public / private key pair.

You may choose to sign the entire payload, or just the URL and timestamp.

API key pairs may be issued by vendor or by financial institution.

## API calls

The following API call is required to perform an integration where the User information is passed to our billpay application.

* Get Templates
* Create Template
* Edit Template
* Delete Template
* Get Payments
* Create Payments
* Cancel Payment
* Create Template & Payment

**The following are sample HTTP requests and responses. The placeholders shown need to be replaced with actual values.**

### Get Templates

This API function allows the developer to get all templates (payees) for a given customer.

#### REQUEST

|  |  |
| --- | --- |
| **Method** | **URL** |
| GET | https://api.alliedpayment.com/p2p/customers/{CustomerId}/templates |
| **EXAMPLE** | |
| GET https://api.alliedpayment.com/p2p/customers/{CustomerId}/templates HTTP/1.1  Host: localhost  Authorization: TIMESTAMP username={username};domain={domain};timestamp={timestamp};signature={signature};publicKey={publickey}  Content-Type: application/json | |

#### RESPONSE

|  |
| --- |
| **EXAMPLE** |
| HTTP/1.1 200 OK  Cache-Control: private  Transfer-Encoding: chunked  Content-Type: application/json  ETag: 78dd3725-00f5-4ba4-8251-25ffb86ce166  Server: Microsoft-IIS/10.0  X-Powered-By: NServiceKit/1.010 Win32NT/.NET  Access-Control-Allow-Origin: \*  Access-Control-Allow-Methods: GET, POST, PUT, DELETE, OPTIONS  Access-Control-Allow-Headers: Content-Type  X-AspNet-Version: 4.0.30319  X-Powered-By: ASP.NET  Date: Tue, 13 Sep 2016 20:45:34 GMT  [  {  "P2PPayToPhoneNumber": "9681234567",  "Secret": "Empire",  "Id": "66f42350-eb52-493e-b3bd-df24cab33b39",  "Name": "Darth Vader",  "Schedule": {  "Id": "e11fbf2f-cbf5-4ccf-81ae-d89cb5ccd46f",  "Amount": 0,  "Frequency": "None",  "TerminateCondition": "UntilCancelled",  "NonBusinessDayOption": "PreviousBusinessDay",  "IsScheduleActive": false  },  "Amount": 0,  "TemplateType": "P2P",  "ShowInQuickPay": false,  "IsElectronic": true,  "PayToAddress": {},  "PayFromBankAccount": {  "Id": "8ac754b8-8d24-4f6d-923a-992b032f1776",  "Name": "My Checking",  "AccountNumber": "1234567890",  "RoutingNumber": "987654321",  "AccountType": "Checking",  "AvailableBalance": 0,  "IsDefault": false,  "AccountOwnerType": "Personal",  "BalanceLastModified": "04/11/2016",  "IsConfirmed": false  },  "LastModified": "09/13/2016",  "IsReviewed": false,  "CustomerId": "82e6a3e2-cb19-4659-943a-4d77a7a40275",  "CustomerMessages": []  }  ] |

### Create Template

This API function allows the developer to create a template (payee) for a P2P payment.

#### REQUEST

|  |  |
| --- | --- |
| **Method** | **URL** |
| POST | https://api.alliedpayment.com/p2p/customers/{CustomerId}/templates |
| **EXAMPLE** | |
| POST https://api.alliedpayment.com/p2p/customers/{CustomerId}/temptemplates HTTP/1.1  Host: localhost  Authorization: TIMESTAMP username={username};domain={domain};timestamp={timestamp};signature={signature};publicKey={publickey}  Content-Type: application/json  Content-Length: length  {  "Name": "Darth Vader"  "P2PPayToEmailAddress": "skywalker@darkside.org",  "P2PPayToPhoneNumber": "9681234567",  "Secret": "Empire",  "PayFromBankAccount": {  "AccountNumber": "1234567890",  "RoutingNumber": "987654321"  }  } | |

#### RESPONSE

|  |
| --- |
| **EXAMPLE** |
| HTTP/1.1 201 CREATED  Content-Type: application/json  Content-Length: length  {  "P2PPayToPhoneNumber": "9681234567",  "Secret": "Empire",  "Id": "66f42350-eb52-493e-b3bd-df24cab33b39",  "Name": "Darth Vader",  "Schedule": {  "Id": "e11fbf2f-cbf5-4ccf-81ae-d89cb5ccd46f",  "Amount": 0,  "Frequency": "None",  "TerminateCondition": "UntilCancelled",  "NonBusinessDayOption": "PreviousBusinessDay",  "IsScheduleActive": false  },  "Amount": 0,  "TemplateType": "P2P",  "ShowInQuickPay": false,  "IsElectronic": true,  "PayToAddress": {},  "PayFromBankAccount": {  "Id": "8ac754b8-8d24-4f6d-923a-992b032f1776",  "Name": "My Checking",  "AccountNumber": "1234567890",  "RoutingNumber": "987654321",  "AccountType": "Checking",  "AvailableBalance": 0,  "IsDefault": false,  "AccountOwnerType": "Personal",  "BalanceLastModified": "04/11/2016",  "IsConfirmed": false  },  "LastModified": "09/13/2016",  "IsReviewed": false,  "CustomerId": "82e6a3e2-cb19-4659-943a-4d77a7a40275",  "CustomerMessages": []  } |

### edit Template

This API function allows the developer to edit a template (payee) for a P2P payment.

#### REQUEST

|  |  |
| --- | --- |
| **Method** | **URL** |
| PATCH | https://api.alliedpayment.com/p2p/customers/{CustomerId}/templates/{Id} |
| **EXAMPLE** | |
| POST https://api.alliedpayment.com/p2p/customers/{CustomerId}/templates/{Id} HTTP/1.1  Host: localhost  Authorization: TIMESTAMP username={username};domain={domain};timestamp={timestamp};signature={signature};publicKey={publickey}  Content-Type: application/json  Content-Length: length  {  "Name": "Darth Vader"  "P2PPayToEmailAddress": "lordvader@darkside.org",  "P2PPayToPhoneNumber": "9681234567",  "Secret": "Empire",  "PayFromBankAccount": {  "AccountNumber": "1234567890",  "RoutingNumber": "987654321"  }  } | |

#### RESPONSE

|  |
| --- |
| **EXAMPLE** |
| HTTP/1.1 200 OK  Content-Type: application/json  Content-Length: length  {  "P2PPayToPhoneNumber": "9681234567",  "Secret": "Empire",  "Id": "66f42350-eb52-493e-b3bd-df24cab33b39",  "Name": "Darth Vader",  "Schedule": {  "Id": "e11fbf2f-cbf5-4ccf-81ae-d89cb5ccd46f",  "Amount": 0,  "Frequency": "None",  "TerminateCondition": "UntilCancelled",  "NonBusinessDayOption": "PreviousBusinessDay",  "IsScheduleActive": false  },  "Amount": 0,  "TemplateType": "P2P",  "ShowInQuickPay": false,  "IsElectronic": true,  "PayToAddress": {},  "PayFromBankAccount": {  "Id": "8ac754b8-8d24-4f6d-923a-992b032f1776",  "Name": "My Checking",  "AccountNumber": "1234556789",  "RoutingNumber": "9876354321",  "AccountType": "Checking",  "AvailableBalance": 0,  "IsDefault": false,  "AccountOwnerType": "Personal",  "BalanceLastModified": "04/11/2016",  "IsConfirmed": false  },  "LastModified": "09/13/2016",  "IsReviewed": false,  "CustomerId": "82e6a3e2-cb19-4659-943a-4d77a7a40275",  "CustomerMessages": []  } |

### Delete Template

This API function allows the developer to delete a template (payee) for a P2P payment.

#### REQUEST

|  |  |
| --- | --- |
| **Method** | **URL** |
| DELETE | https://api.alliedpayment.com/p2p/customers/{CustomerId}/templates/{Id} |
| **EXAMPLE** | |
| DELETE https://api.alliedpayment.com/p2p/customers/{CustomerId}/temptempl/{Id} HTTP/1.1  Host: localhost  Authorization: TIMESTAMP username={username};domain={domain};timestamp={timestamp};signature={signature};publicKey={publickey}  Content-Type: application/json | |

#### RESPONSE

|  |
| --- |
| **EXAMPLE** |
| HTTP/1.1 204 No Content  Cache-Control: private  Server: Microsoft-IIS/10.0  X-Powered-By: NServiceKit/1.010 Win32NT/.NET  Access-Control-Allow-Origin: \*  Access-Control-Allow-Methods: GET, POST, PUT, DELETE, OPTIONS  Access-Control-Allow-Headers: Content-Type  X-AspNet-Version: 4.0.30319  X-Powered-By: ASP.NET  Date: Tue, 13 Sep 2016 22:07:37 GMT |

### Get Payments

This API function allows the developer to retrieve history of P2P payments.

#### REQUEST

|  |  |
| --- | --- |
| **Method** | **URL** |
| GET | https://api.alliedpayment.com/p2p/customers/{CustomerId}/payments |
| **EXAMPLE** | |
| POST https://api.alliedpayment.com/p2p/customers/{CustomerId}/payments HTTP/1.1  Host: localhost  Authorization: TIMESTAMP username={username};domain={domain};timestamp={timestamp};signature={signature};publicKey={publickey}  Content-Type: application/json  Content-Length: length  {"StartDate":"1/2/16","EndDate":"1/3/16"} | |

#### RESPONSE

|  |
| --- |
| **EXAMPLE** |
| HTTP/1.1 200 OK  Content-Type: application/json  Content-Length: length  [{  "Id": "string",  "AddressError": "string",  "Amount": 0,  "BankUserId": "string",  "BatchTimeStamp": "2016-09-13T22:50:45.760Z",  "CheckDig": "string",  "ConfirmationNumber": "string",  "CreateBy": "string",  "CreateOn": "2016-09-13T22:50:45.760Z",  "CutOff": "2016-09-13T22:50:45.760Z",  "DeliveryPoint": "string",  "Email": "string",  "IsExpedited": true,  "Memo": "string",  "ModifyBy": "string",  "ModifyOn": "2016-09-13T22:50:45.760Z",  "NetworkBillerId": "string",  "PayeeId": 0,  "PayFrom": "string",  "PayFromAccount": "string",  "PayFromRtn": "string",  "PaymentDate": "2016-09-13T22:50:45.760Z",  "PayToAccount": "string",  "PayToAddress": "string",  "PayToAddress2": "string",  "PayToCity": "string",  "PayToName": "string",  "PayToState": "string",  "PayToZip": "string",  "Status": "string",  "AchPattern": "string",  "CustomerAddress1": "string",  "CustomerAddress2": "string",  "CustomerAddress3": "string",  "CustomerAddress4": "string",  "PayToPhone": "string",  "SettlementType": "string",  "SettlementSubType": "string",  "Biller\_Id": "string",  "Network\_Id": "string",  "AggregateRootId": "string",  "PaymentMethod": "string",  "Fee": 0,  "Teller": "string",  "PaymentType": "string",  "FinancialInstitution\_Id": "string",  "PaymentBatch\_Id": "string",  "ShardKey": "string",  "Customer\_Id": "string",  "CheckNumber": "string",  "BankAccountType": "Personal",  "PayToBankRoutingNumber": "string",  "PayToBankAccount": "string",  "PayToBankAccountType": "string",  "NetworkName": "string",  "PlanetCodes": [  {  "Id": "string",  "PieceId": "string",  "ScanTime": "2016-09-13T22:50:45.760Z",  "ScanCity": "string",  "ScanState": "string",  "ScanDescription": "string",  "CreatedOn": "2016-09-13T22:50:45.760Z",  "Zip": "string",  "ScanZip": "string"  }  ],  "PayToBankAccountOwner": "string",  "DisplayName": "string",  "PaymentTemplateId": "string",  "CreditDate": "2016-09-13T22:50:45.761Z",  "FloatDays": 0,  "IsRecurring": true,  "BankAccountDisplayName": "string",  "ExpectedDeliveryDate": "2016-09-13T22:50:45.761Z",  "Links": [  {  "HRef": "string",  "Relation": "string"  }  ],  "PaymentCategory": "string",  "InvoiceData": "string",  "TemplateType": "string",  "IsReviewed": true,  "IsNoticeSent": true,  "SettlementDate": "2016-09-13T22:50:45.761Z",  "CollectionDate": "2016-09-13T22:50:45.761Z",  "NetworkSendDate": "2016-09-13T22:50:45.761Z",  "PromiseDate": "2016-09-13T22:50:45.761Z",  "PictureId": "string",  "CollectionBatch\_Id": "string",  "SettlementBatch\_Id": "string",  "NetworkSendBatch\_Id": "string",  "IsNextCreated": true,  "UserId": "string",  "DeliveryOptionId": "string",  "DeliveryOptionName": "string",  "Corrected": true,  "Alert": true,  "IsLocked": true,  "IsLockedBy": "string",  "LockExpiresOn": "2016-09-13T22:50:45.761Z",  "StatusReason": "string",  "ProcessingStartDate": "2016-09-13T22:50:45.761Z",  "ProcessingEndDate": "2016-09-13T22:50:45.761Z",  "CustomerFee": 0,  "ReviewBy": "string",  "PrintOnCheck": true,  "IsPaperPaymentReviewed": true,  "ReverseToCustomer": true,  "IsBookmarked": true,  "IsValidated": true,  "HidePayment": true,  "BranchId": "string",  "InvoiceNumber": "string",  "BranchName": "string",  "IsRealTime": true,  "SentToNetworkOn": "2016-09-13T22:50:45.761Z",  "SentToNetworkName": "string",  "SentToNetworkId": "string",  "SentToNetworkResponse": "string",  "SentToNetworkWasSuccessful": true,  "ForeignPaymentId": "string",  "ForeignSystem": "string",  "PayFromEmail": "string",  "PayFromPhone": "string",  "PayFromBankAccountDescription": "string",  "OverrideCheckRoutingNumber": "string",  "OverrideCheckAccountNumber": "string",  "CollectionType": "string",  "P2PPayToEmailAddress": "string",  "P2PPayToPhoneNumber": "string",  "Secret": "string",  "FundingSource": "string",  "SecOverride": "string"  }] |

### Create Payments

This API function allows the developer to create a P2P payment.

#### REQUEST

|  |  |
| --- | --- |
| **Method** | **URL** |
| POST | https://api.alliedpayment.com/p2p/customers/{CustomerId}/payments/submitPayments |
| **EXAMPLE** | |
| POST https://api.alliedpayment.com/p2p/customers/{CustomerId}/payments/submitPayments HTTP/1.1  Host: localhost  Authorization: TIMESTAMP username={username};domain={domain};timestamp={timestamp};signature={signature};publicKey={publickey}  Content-Type: application/json  Content-Length: length  {"Payments":[{"TemplateId":"b4e9e2e7-d4c3-4dce-82a7-bbe36b3953fe","Amount":2.01}]} | |

#### RESPONSE

|  |
| --- |
| **EXAMPLE** |
| HTTP/1.1 201 Created  Content-Type: application/json  Content-Length: length  [{  "Id": "string",  "AddressError": "string",  "Amount": 0,  "BankUserId": "string",  "BatchTimeStamp": "2016-09-13T22:50:45.760Z",  "CheckDig": "string",  "ConfirmationNumber": "string",  "CreateBy": "string",  "CreateOn": "2016-09-13T22:50:45.760Z",  "CutOff": "2016-09-13T22:50:45.760Z",  "DeliveryPoint": "string",  "Email": "string",  "IsExpedited": true,  "Memo": "string",  "ModifyBy": "string",  "ModifyOn": "2016-09-13T22:50:45.760Z",  "NetworkBillerId": "string",  "PayeeId": 0,  "PayFrom": "string",  "PayFromAccount": "string",  "PayFromRtn": "string",  "PaymentDate": "2016-09-13T22:50:45.760Z",  "PayToAccount": "string",  "PayToAddress": "string",  "PayToAddress2": "string",  "PayToCity": "string",  "PayToName": "string",  "PayToState": "string",  "PayToZip": "string",  "Status": "string",  "AchPattern": "string",  "CustomerAddress1": "string",  "CustomerAddress2": "string",  "CustomerAddress3": "string",  "CustomerAddress4": "string",  "PayToPhone": "string",  "SettlementType": "string",  "SettlementSubType": "string",  "Biller\_Id": "string",  "Network\_Id": "string",  "AggregateRootId": "string",  "PaymentMethod": "string",  "Fee": 0,  "Teller": "string",  "PaymentType": "string",  "FinancialInstitution\_Id": "string",  "PaymentBatch\_Id": "string",  "ShardKey": "string",  "Customer\_Id": "string",  "CheckNumber": "string",  "BankAccountType": "Personal",  "PayToBankRoutingNumber": "string",  "PayToBankAccount": "string",  "PayToBankAccountType": "string",  "NetworkName": "string",  "PlanetCodes": [  {  "Id": "string",  "PieceId": "string",  "ScanTime": "2016-09-13T22:50:45.760Z",  "ScanCity": "string",  "ScanState": "string",  "ScanDescription": "string",  "CreatedOn": "2016-09-13T22:50:45.760Z",  "Zip": "string",  "ScanZip": "string"  }  ],  "PayToBankAccountOwner": "string",  "DisplayName": "string",  "PaymentTemplateId": "string",  "CreditDate": "2016-09-13T22:50:45.761Z",  "FloatDays": 0,  "IsRecurring": true,  "BankAccountDisplayName": "string",  "ExpectedDeliveryDate": "2016-09-13T22:50:45.761Z",  "Links": [  {  "HRef": "string",  "Relation": "string"  }  ],  "PaymentCategory": "string",  "InvoiceData": "string",  "TemplateType": "string",  "IsReviewed": true,  "IsNoticeSent": true,  "SettlementDate": "2016-09-13T22:50:45.761Z",  "CollectionDate": "2016-09-13T22:50:45.761Z",  "NetworkSendDate": "2016-09-13T22:50:45.761Z",  "PromiseDate": "2016-09-13T22:50:45.761Z",  "PictureId": "string",  "CollectionBatch\_Id": "string",  "SettlementBatch\_Id": "string",  "NetworkSendBatch\_Id": "string",  "IsNextCreated": true,  "UserId": "string",  "DeliveryOptionId": "string",  "DeliveryOptionName": "string",  "Corrected": true,  "Alert": true,  "IsLocked": true,  "IsLockedBy": "string",  "LockExpiresOn": "2016-09-13T22:50:45.761Z",  "StatusReason": "string",  "ProcessingStartDate": "2016-09-13T22:50:45.761Z",  "ProcessingEndDate": "2016-09-13T22:50:45.761Z",  "CustomerFee": 0,  "ReviewBy": "string",  "PrintOnCheck": true,  "IsPaperPaymentReviewed": true,  "ReverseToCustomer": true,  "IsBookmarked": true,  "IsValidated": true,  "HidePayment": true,  "BranchId": "string",  "InvoiceNumber": "string",  "BranchName": "string",  "IsRealTime": true,  "SentToNetworkOn": "2016-09-13T22:50:45.761Z",  "SentToNetworkName": "string",  "SentToNetworkId": "string",  "SentToNetworkResponse": "string",  "SentToNetworkWasSuccessful": true,  "ForeignPaymentId": "string",  "ForeignSystem": "string",  "PayFromEmail": "string",  "PayFromPhone": "string",  "PayFromBankAccountDescription": "string",  "OverrideCheckRoutingNumber": "string",  "OverrideCheckAccountNumber": "string",  "CollectionType": "string",  "P2PPayToEmailAddress": "string",  "P2PPayToPhoneNumber": "string",  "Secret": "string",  "FundingSource": "string",  "SecOverride": "string"  }] |

### Cancel Payment

This API function allows the developer to create a P2P payment.

#### REQUEST

|  |  |
| --- | --- |
| **Method** | **URL** |
| POST | https://api.alliedpayment.com/payments/{paymentId}/cancel |
| **EXAMPLE** | |
| POST https://api.alliedpayment.com/payments/{paymentId}/cancel HTTP/1.1  Host: localhost  Authorization: TIMESTAMP username={username};domain={domain};timestamp={timestamp};signature={signature};publicKey={publickey}  Content-Type: application/json  Content-Length: length  {"Reason":"String"} | |

#### RESPONSE

|  |
| --- |
| **EXAMPLE** |
| HTTP/1.1 204 NO CONTENT  Content-Type: application/json |

### Create template & Payment

This API function allows the developer to create a P2P template and payment.

#### REQUEST

|  |  |
| --- | --- |
| **Method** | **URL** |
| POST | https://api.alliedpayment.com/p2p/customers/{CustomerId}/createTemplateAndPayment |
| **EXAMPLE** | |
| POST https://api.alliedpayment.com/p2p/customers/{CustomerId}/createTemplateAndPayment HTTP/1.1  Host: localhost  Authorization: TIMESTAMP username={username};domain={domain};timestamp={timestamp};signature={signature};publicKey={publickey}  Content-Type: application/json  Content-Length: length  {  "Name": "Darth Vader"  "P2PPayToEmailAddress": "skywalker@darkside.org",  "P2PPayToPhoneNumber": "9681234567",  "Secret": "Empire",  "PayFromBankAccount": {  "AccountNumber": "1234567890",  "RoutingNumber": "987654321"  },  "Amount":2.01,  "Memo": "Just Because"  } | |

#### RESPONSE

|  |
| --- |
| **EXAMPLE** |
| HTTP/1.1 201 Created  Content-Type: application/json  Content-Length: length  [{  "Template": {  "P2PPayToPhoneNumber": "9681234567",  "Secret": "Empire",  "Id": "66f42350-eb52-493e-b3bd-df24cab33b39",  "Name": "Darth Vader",  "Schedule": {  "Id": "e11fbf2f-cbf5-4ccf-81ae-d89cb5ccd46f",  "Amount": 0,  "Frequency": "None",  "TerminateCondition": "UntilCancelled",  "NonBusinessDayOption": "PreviousBusinessDay",  "IsScheduleActive": false  },  "Amount": 0,  "TemplateType": "P2P",  "ShowInQuickPay": false,  "IsElectronic": true,  "PayToAddress": {},  "PayFromBankAccount": {  "Id": "8ac754b8-8d24-4f6d-923a-992b032f1776",  "Name": "My Checking",  "AccountNumber": "1234556789",  "RoutingNumber": "9876354321",  "AccountType": "Checking",  "AvailableBalance": 0,  "IsDefault": false,  "AccountOwnerType": "Personal",  "BalanceLastModified": "04/11/2016",  "IsConfirmed": false  },  "LastModified": "09/13/2016",  "IsReviewed": false,  "CustomerId": "82e6a3e2-cb19-4659-943a-4d77a7a40275",  "CustomerMessages": []  },  "Payment": {  "Id": "string",  "AddressError": "string",  "Amount": 0,  "BankUserId": "string",  "BatchTimeStamp": "2016-09-13T22:50:45.760Z",  "CheckDig": "string",  "ConfirmationNumber": "string",  "CreateBy": "string",  "CreateOn": "2016-09-13T22:50:45.760Z",  "CutOff": "2016-09-13T22:50:45.760Z",  "DeliveryPoint": "string",  "Email": "string",  "IsExpedited": true,  "Memo": "string",  "ModifyBy": "string",  "ModifyOn": "2016-09-13T22:50:45.760Z",  "NetworkBillerId": "string",  "PayeeId": 0,  "PayFrom": "string",  "PayFromAccount": "string",  "PayFromRtn": "string",  "PaymentDate": "2016-09-13T22:50:45.760Z",  "PayToAccount": "string",  "PayToAddress": "string",  "PayToAddress2": "string",  "PayToCity": "string",  "PayToName": "string",  "PayToState": "string",  "PayToZip": "string",  "Status": "string",  "AchPattern": "string",  "CustomerAddress1": "string",  "CustomerAddress2": "string",  "CustomerAddress3": "string",  "CustomerAddress4": "string",  "PayToPhone": "string",  "SettlementType": "string",  "SettlementSubType": "string",  "Biller\_Id": "string",  "Network\_Id": "string",  "AggregateRootId": "string",  "PaymentMethod": "string",  "Fee": 0,  "Teller": "string",  "PaymentType": "string",  "FinancialInstitution\_Id": "string",  "PaymentBatch\_Id": "string",  "ShardKey": "string",  "Customer\_Id": "string",  "CheckNumber": "string",  "BankAccountType": "Personal",  "PayToBankRoutingNumber": "string",  "PayToBankAccount": "string",  "PayToBankAccountType": "string",  "NetworkName": "string",  "PlanetCodes": [  {  "Id": "string",  "PieceId": "string",  "ScanTime": "2016-09-13T22:50:45.760Z",  "ScanCity": "string",  "ScanState": "string",  "ScanDescription": "string",  "CreatedOn": "2016-09-13T22:50:45.760Z",  "Zip": "string",  "ScanZip": "string"  }  ],  "PayToBankAccountOwner": "string",  "DisplayName": "string",  "PaymentTemplateId": "string",  "CreditDate": "2016-09-13T22:50:45.761Z",  "FloatDays": 0,  "IsRecurring": true,  "BankAccountDisplayName": "string",  "ExpectedDeliveryDate": "2016-09-13T22:50:45.761Z",  "Links": [  {  "HRef": "string",  "Relation": "string"  }  ],  "PaymentCategory": "string",  "InvoiceData": "string",  "TemplateType": "string",  "IsReviewed": true,  "IsNoticeSent": true,  "SettlementDate": "2016-09-13T22:50:45.761Z",  "CollectionDate": "2016-09-13T22:50:45.761Z",  "NetworkSendDate": "2016-09-13T22:50:45.761Z",  "PromiseDate": "2016-09-13T22:50:45.761Z",  "PictureId": "string",  "CollectionBatch\_Id": "string",  "SettlementBatch\_Id": "string",  "NetworkSendBatch\_Id": "string",  "IsNextCreated": true,  "UserId": "string",  "DeliveryOptionId": "string",  "DeliveryOptionName": "string",  "Corrected": true,  "Alert": true,  "IsLocked": true,  "IsLockedBy": "string",  "LockExpiresOn": "2016-09-13T22:50:45.761Z",  "StatusReason": "string",  "ProcessingStartDate": "2016-09-13T22:50:45.761Z",  "ProcessingEndDate": "2016-09-13T22:50:45.761Z",  "CustomerFee": 0,  "ReviewBy": "string",  "PrintOnCheck": true,  "IsPaperPaymentReviewed": true,  "ReverseToCustomer": true,  "IsBookmarked": true,  "IsValidated": true,  "HidePayment": true,  "BranchId": "string",  "InvoiceNumber": "string",  "BranchName": "string",  "IsRealTime": true,  "SentToNetworkOn": "2016-09-13T22:50:45.761Z",  "SentToNetworkName": "string",  "SentToNetworkId": "string",  "SentToNetworkResponse": "string",  "SentToNetworkWasSuccessful": true,  "ForeignPaymentId": "string",  "ForeignSystem": "string",  "PayFromEmail": "string",  "PayFromPhone": "string",  "PayFromBankAccountDescription": "string",  "OverrideCheckRoutingNumber": "string",  "OverrideCheckAccountNumber": "string",  "CollectionType": "string",  "P2PPayToEmailAddress": "string",  "P2PPayToPhoneNumber": "string",  "Secret": "string",  "FundingSource": "string",  "SecOverride": "string"  }  }] |