



ALLIED PAYMENT API EXAMPLES

Version 1.2

Allied Payment Network

ABSTRACT

The purpose of this document is to provide examples of the requests and responses to the API calls available to developers when interfacing with Allied's payment system.

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Revision History			
Date	Version	Author	Description
11/1/2015	1.0	Allied Payment	Initial Release
12/20/2015	1.1	Allied Payment	Corrections
12/30/2015	1.2	Allied Payment	Add Tracking Call

GET REQUESTS**GET /FIS/<FI-NAME>/USERS/<USERNAME> (BY USERNAME)**

The purpose of this API call is to provide information about and a list of API calls associated with a specific user by user name.

REQUEST

Connection: close
Accept: application/json, application/xml, text/json, text/x-json, text/javascript, text/xml, application/json
Accept-Encoding: gzip, deflate
Authorization: SIGNATURE timestamp=Thu, 22 Oct 2015 15:01:32 GMT;signature=RrzBaF73fyGVQmwq4nr/Lp5KB14=;publicKey=1234aodzs2QyBoqjRrk
Host: mobileapi.alliedpayment.com
User-Agent: Test Harness
X-Device-Address: 127.235.38.98
X-Device-Id: 1234dff2-6bbc-4fed-b89e-8613dcd0302f
X-Newrelic-Id: UgYFUVNACgUHVFNtBQ==
X-Newrelic-Transaction: PxRVVIEFWgRSAFcGVgIPVVFVFB8EBw8RVU4aAA8PUiAEB11XVQAAWlcDU0NKQQ5VVgYHUVMHFTs=
X-Payment-Channel: MOBILE
X-Forwarded-For: 127.106.25.56, 127.16.0.193
X-Forwarded-Port: 443
X-Forwarded-Proto: https, https

RESPONSE

Expected Response code: 200

Server: Microsoft-IIS/8.5
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: Content-Type, Accept, Authorization
Access-Control-Allow-Methods: GET, POST, PUT, DELETE, OPTIONS
Content-Encoding: gzip
X-Performance: 0.0183 ms
Content-Length: 1878
Cache-Control: private
X-AspNet-Version: 4.0.30319
Content-Type: application/json

```
{
  "$id": "1",
  "Id": "1234dea8-468c-4d76-a55f-e081886905a4",
  "UserName": "<username>",
```

```
"Roles": {
  "$id": "2",
  "$values": [
    "Pay Bills"
  ]
},
"PhoneNumbers": {
  "$id": "3",
  "$values": []
},
"FinancialInstitutionId": "1234f011-4884-4f0c-8d9f-4c1d2e5af242",
"Domain": "<domain>",
"CustomerId": "1234ed51-8d1b-45c4-8337-813da675cb83",
"HasGoogleAuth": false,
"IsEnrolled": false,
"EmailAddress": "",
"IsLockedOut": false,
"Links": {
  "$id": "4",
  "$values": [
    {
      "$id": "5",
      "href": "https://api.alliedpayment.com/customers/1234ed51-8d1b-45c4-8337-813da675cb83",
      "rel": "customer"
    },
    {
      "$id": "6",
      "href": "https://api.alliedpayment.com/fis/<domain>/users/<username>",
      "rel": "self"
    },
    {
      "$id": "7",
      "href": "https://api.alliedpayment.com/fis/<domain>/users/<username>/payments",
      "rel": "payments"
    },
    {
      "$id": "8",
      "href": "https://api.alliedpayment.com/fis/<domain>/users/<username>/payments/pending",
      "rel": "pendingPayments"
    },
    {
      "$id": "9",
      "href": "https://api.alliedpayment.com/fis/<domain>/users/<username>/payments/history",
      "rel": "history"
    }
  ]
},
"FirstName": null,
"LastName": null,
```

```
"FullName": "",  
"Password": null,  
"DisplayUserName": "<username>",  
"ForeignKey": "<foreignkey>",  
"TimeZone": "Eastern Standard Time",  
"IsUserTeller": false,  
"IsDemo": false,  
"IsForcePasswordChange": false,  
"IsUserFIAdmin": false,  
"IsPasswordExpired": false,  
"GPinKeyMask": null,  
"PinEnabled": false,  
"IsSSO": false,  
"CurrentTheme": null,  
"LimitId": "00000000-0000-0000-0000-000000000000",  
"IsPictureTipsHidden": false  
}
```

GET /FIS/<FI-NAME>/USERS (BY FOREIGN KEY)

The purpose of this API call is to provide information about and a list of API calls associated with a specific user by foreign key.

REQUIRED PARAMETER

?FOREIGNKEY=<FOREIGNKEY>

REQUEST

Connection: close
Accept: application/json, application/xml, text/json, text/x-json, text/javascript, text/xml, application/json
Accept-Encoding: gzip, deflate
Authorization: SIGNATURE timestamp=Thu, 22 Oct 2015 15:01:32 GMT;signature=RrzBaF73fyGVQmwq4nr/Lp5KB14=;publicKey=1234aodzs2QyBoqjRrk
Host: mobileapi.alliedpayment.com
User-Agent: Test Harness
X-Device-Address: 127.235.38.98
X-Device-Id: 1234dff2-6bbc-4fed-b89e-8613dcd0302f
X-Newrelic-Id: UgYFUVNACgUHVFNBTBQ==
X-Newrelic-Transaction: PxRVVIEFWgRSAFcGVglPVVFVFB8EBw8RVU4aAA8PUIAEB11XVQAAWlcDU0NKQQ5VVgYHUVMHFTs=
X-Payment-Channel: MOBILE
X-Forwarded-For: 127.106.25.56, 127.16.0.193
X-Forwarded-Port: 443
X-Forwarded-Proto: https, https

RESPONSE

Expected Response code: 200

Server: Microsoft-IIS/8.5
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: Content-Type, Accept, Authorization
Access-Control-Allow-Methods: GET, POST, PUT, DELETE, OPTIONS
Content-Encoding: gzip
X-Performance: 0.0183 ms
Content-Length: 1878
Cache-Control: private
X-AspNet-Version: 4.0.30319
Content-Type: application/json

{


```

"$id": "1",
"Id": "1234dea8-468c-4d76-a55f-e081886905a4",
"UserName": "<username>",
"Roles": {
  "$id": "2",
  "$values": [
    "Pay Bills"
  ]
},
"PhoneNumbers": {
  "$id": "3",
  "$values": []
},
"FinancialInstitutionId": "1234f011-4884-4f0c-8d9f-4c1d2e5af242",
"Domain": "<domain>",
"CustomerId": "1234ed51-8d1b-45c4-8337-813da675cb83",
"HasGoogleAuth": false,
"IsEnrolled": false,
"EmailAddress": "",
"IsLockedOut": false,
"Links": {
  "$id": "4",
  "$values": [
    {
      "$id": "5",
      "href": "https://api.alliedpayment.com/customers/1234ed51-8d1b-45c4-8337-813da675cb83",
      "rel": "customer"
    },
    {
      "$id": "6",
      "href": "https://api.alliedpayment.com/fis/<domain>/users/<username>",
      "rel": "self"
    },
    {
      "$id": "7",
      "href": "https://api.alliedpayment.com/fis/<domain>/users/<username>/payments",
      "rel": "payments"
    },
    {
      "$id": "8",
      "href": "https://api.alliedpayment.com/fis//<domain>/users/<username>/payments/pending",
      "rel": "pendingPayments"
    },
    {
      "$id": "9",
      "href": "https://api.alliedpayment.com/fis//<domain>/users/<username>/payments/history",
      "rel": "history"
    }
  ]
}

```

```
{,
  "FirstName": null,
  "LastName": null,
  "FullName": " ",
  "Password": null,
  "DisplayUserName": "<username>",
  "ForeignKey": "<foreignkey>",
  "TimeZone": "Eastern Standard Time",
  "IsUserTeller": false,
  "IsDemo": false,
  "IsForcePasswordChange": false,
  "IsUserFIAdmin": false,
  "IsPasswordExpired": false,
  "GPinKeyMask": null,
  "PinEnabled": false,
  "IsSSO": false,
  "CurrentTheme": null,
  "LimitId": "00000000-0000-0000-0000-000000000000",
  "IsPictureTipsHidden": false
}
```

GET /CUSTOMERS/<CUSTOMER_ID>/TEMPLATES

The purpose of this API call is to provide a list of payees for a customer.

SENT

Connection: close
Content-Type: application/json
Accept: application/json, application/xml, text/json, text/x-json, text/javascript, text/xml, application/json
Accept-Encoding: gzip, deflate
Authorization: TIMESTAMP username=<username>;domain=<domain>;timestamp=Thu, 22 Oct 2015 15:05:50
GMT;signature=RrzBaF73fyGVQmwq4nr/Lp5KB14=;publicKey=1234aodzs2QyBoqjRrk
Host: api.alliedpayment.com
User-Agent: Test Harness
X-Date: #{currentdatetime}
X-Device-Address: 127.177.121.209
X-Device-Id: 1234C9F298F4C3C9707149A8EAB51CECF375F18115D44B09C37ADCDB5B3AF45
X-Newrelic-Id: UgYFUVNACgUHVFBNTBQ==
X-Newrelic-Transaction:
PxRUAFNRCApRVwcEAFIPUF0DFB8EBw8RVU4aAVkNBglKBAoHV1ZQWIIPBUNKQQhRAIYFVAdSFTs=
X-Payment-Channel: MOBILE
X-Forwarded-For: 127.106.25.57, 127.16.0.193
X-Forwarded-Port: 443
X-Forwarded-Proto: https, https

RESPONSE

Expected Response code: 200

Server: Microsoft-IIS/8.5
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: Content-Type, Accept, Authorization
Access-Control-Allow-Methods: GET, POST, PUT, DELETE, OPTIONS
Content-Encoding: gzip
X-Performance: 0.0514 ms
Content-Length: 9572
Cache-Control: private
X-AspNet-Version: 4.0.30319
Content-Type: application/json

```
[
  {
    "BillerId": "00000000-0000-0000-0000-000000000000",
    "PayToPhone": null,
    "Id": "12340679-1c6d-44b9-bb2a-733974653771",
```

```
"Name": "SMITH PELLETS, INC.",
"PayToAccount": "SAM SMITH",
"Schedule": {
  "Id": "12345253-0ed6-4c85-9fb6-dea181d2e2f3",
  "Amount": 0.0,
  "Frequency": 0,
  "StartingDate": null,
  "UntilButNotAfter": null,
  "UntilTotalPayments": null,
  "TerminateCondition": 0,
  "NonBusinessDayOption": 0
},
"Amount": 0.0,
"TemplateType": "PHOTO",
"ShowInQuickPay": false,
"DisplayName": null,
"IsElectronic": false,
"PayToAddress": {
  "Address1": "1234 NORTH ST",
  "Address2": "",
  "City": "ANGELO",
  "Country": "",
  "PostalCode": "12345",
  "State": "TX",
  "Result": null
},
"PayFromAddress": null,
"LastPaymentInfo": null,
"NextPaymentInfo": null,
"PayFromBankAccount": {
  "Id": "12340f41-9a9e-4e5d-bf82-dbd700ce391a",
  "Name": "DEFAULT",
  "AccountNumber": "40435",
  "RoutingNumber": "123401122",
  "AccountType": 0,
  "AvailableBalance": 0.0,
  "IsDefault": false,
  "AccountOwnerType": 0,
  "BalanceLastModified": "2015-06-06T13:23:27.3686519",
  "IsConfirmed": false
},
"MemoField": null,
"LastModified": "0001-01-01T00:00:00",
"CorrectedAccountNumber": null,
"PictureId": "12348be8-2672-4898-b243-f9ec7168577b",
"IsReviewed": true,
"CustomerId": "1234b4ce-683b-423f-8397-ad72e97705e1",
"ImageUrl": null,
"Description": null,
"ClickThruUrl": null,
"LargeImageUrl": null,
```

```
"PaymentDate": null,
"DefaultScheduledForOffset": null,
"DefaultScheduledForOffsetAlgo": null,
"Category": null,
"CustomerMessages": [],
"DuplicateOf": null,
"PayToEmailAddress": null
},
{
  "BillerId": "1234988f-5865-4336-8320-562338e22196",
  "PayToPhone": null,
  "Id": "1234849e-19f2-4cad-86db-d80d2f873122",
  "Name": "ENERGY",
  "PayToAccount": "432951",
  "Schedule": {
    "Id": "1234e628-0c97-4c30-9241-6c3463fefb9b",
    "Amount": 0.0,
    "Frequency": 0,
    "StartingDate": null,
    "UntilButNotAfter": null,
    "UntilTotalPayments": null,
    "TerminateCondition": 0,
    "NonBusinessDayOption": 0
  },
  "Amount": 0.0,
  "TemplateType": "PHOTO",
  "ShowInQuickPay": false,
  "DisplayName": null,
  "IsElectronic": true,
  "PayToAddress": {
    "Address1": "PO BOX 1234",
    "Address2": "",
    "City": "LOUIS",
    "Country": "",
    "PostalCode": "1234-0311",
    "State": "ME",
    "Result": null
  },
  "PayFromAddress": null,
  "LastPaymentInfo": null,
  "NextPaymentInfo": null,
  "PayFromBankAccount": {
    "Id": "12340f41-9a9e-4e5d-bf82-dbd700ce391a",
    "Name": "DEFAULT",
    "AccountNumber": "040435",
    "RoutingNumber": "123401122",
    "AccountType": 0,
    "AvailableBalance": 0.0,
    "IsDefault": false,
    "AccountOwnerType": 0,
    "BalanceLastModified": "2015-06-06T13:23:27.3686519",
```

```
"IsConfirmed": false
},
"MemoField": null,
"LastModified": "0001-01-01T00:00:00",
"CorrectedAccountNumber": null,
"PictureId": "1234f6b5-2982-4aee-9a3d-2ba2712aa3e7",
"IsReviewed": true,
"CustomerId": "1234b4ce-683b-423f-8397-ad72e97705e1",
"ImageUrl": null,
"Description": null,
"ClickThruUrl": null,
"LargeImageUrl": null,
"PaymentDate": null,
"DefaultScheduledForOffset": null,
"DefaultScheduledForOffsetAlgo": null,
"Category": null,
"CustomerMessages": [],
"DuplicateOf": null,
"PayToEmailAddress": null
},
{
  "BillerId": "00000000-0000-0000-0000-000000000000",
  "PayToPhone": null,
  "Id": "1234c0e5-a24b-4772-980e-33aed93d8a85",
  "Name": "ANGELO",
  "PayToAccount": "11838",
  "Schedule": {
    "Id": "1234de32-a0de-4a7b-bf04-e..."
```

GET /CUSTOMERS/<CUSTOMER_ID>/HISTORY

The purpose of this API call is to provide a list of payments for a customer.

REQUEST

Connection: close
Accept: application/json, application/xml, text/json, text/x-json, text/javascript, text/xml, application/json
Accept-Encoding: gzip, deflate
Authorization: SIGNATURE username=<username>;domain=<domain>;timestamp=Thu, 22 Oct 2015 15:02:41
GMT;signature=N6XF96NWNsXVYWK1gDI91IuvbB0=;publicKey=jHSfcaodzs2QyBoqjRrk
Host: api.alliedpayment.com
User-Agent: Test Harness
X-Device-Address: 127.173.59.240
X-Device-Id: 1234F28537E149BCB37A823444859E73848FE8C6C430481E8DCABB247A16A5AB
X-Newrelic-Id: UgYFUVNACgUHVFNtBQ==
X-Newrelic-Transaction: PxRTUFMFwQcFU1NwAwYOBVYJfB8EBw8RVU4aBgkNUIMHUA5TBVUEWwcED0NKQqXQAV0DBg4HFTs=
X-Payment-Channel: MOBILE
X-Forwarded-For: 127.106.25.57, 127.16.0.112
X-Forwarded-Port: 443
X-Forwarded-Proto: https, https

RESPONSE

Expected Response code: 200

Server: Microsoft-IIS/8.5
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: Content-Type, Accept, Authorization
Access-Control-Allow-Methods: GET, POST, PUT, DELETE, OPTIONS
Content-Encoding: gzip
X-Performance: 0.0212 ms
Content-Length: 5305
Cache-Control: private
X-AspNet-Version: 4.0.30319
Content-Type: application/json; q=0.9

```
{
  "$id": "1",
  "$values": [
    {
      "$id": "2",
      "Id": "1234b8a4-897f-4bb4-b2df-efb0947f9a75",
```

```
"CustomerId": "1234ed51-8d1b-45c4-8337-813da675cb83",
"UserId": "1234dea8-468c-4d76-a55f-e081886905a4",
"PayToName": "Processing",
"Amount": 0.01,
"ExpectedDeliveryDate": "2015-08-06T00:00:00",
"PaymentDate": "2015-07-31T00:00:00",
"IsElectronic": false,
"PaymentId": "1234b8a4-897f-4bb4-b2df-efb0947f9a75",
"Status": "Rejected",
"PictureId": "1234ca3e-ceb7-4b08-ad88-15dcab471e15",
"Links": {
  "$id": "3",
  "$values": [
    {
      "$id": "4",
      "href": "https://api.alliedpayment.com/customers/1234ed51-8d1b-45c4-8337-813da675cb83/history/1234b8a4-897f-4bb4-b2df-efb0947f9a75",
      "rel": "self"
    },
    {
      "$id": "5",
      "href": "https://api.alliedpayment.com/customers/1234ed51-8d1b-45c4-8337-813da675cb83",
      "rel": "customer"
    },
    {
      "$id": "6",
      "href": "https://api.alliedpayment.com/payments/1234b8a4-897f-4bb4-b2df-efb0947f9a75",
      "rel": "payment"
    },
    {
      "$id": "7",
      "href": "https://api.alliedpayment.com/payments/1234b8a4-897f-4bb4-b2df-efb0947f9a75/cancel",
      "rel": "CancelPayment"
    }
  ]
},
"CheckNumber": "6025",
"PaymentType": "PAPER",
"CreateOnDate": "2015-07-16T14:23:38",
"PayFromAccount": "12345678",
"PayFromRouting": "123405734",
"PayToAccount": null,
"PayToAddress": null,
"PayToAddress2": null,
"PayToCity": null,
"PayToState": null,
"PayToZip": null
},
```



```

{
  "$id": "8",
  "Id": "1234b237-f529-4a9d-83a7-c84141f4bd13",
  "CustomerId": "1234ed51-8d1b-45c4-8337-813da675cb83",
  "UserId": "1234dea8-468c-4d76-a55f-e081886905a4",
  "PayToName": "Processing",
  "Amount": 0.01,
  "ExpectedDeliveryDate": "2015-06-01T00:00:00",
  "PaymentDate": "2015-06-01T00:00:00",
  "IsElectronic": false,
  "PaymentId": "1234b237-f529-4a9d-83a7-c84141f4bd13",
  "Status": "Rejected",
  "PictureId": "1234ebe4-46de-4320-86b1-923b70dbc0eb",
  "Links": {
    "$id": "9",
    "$values": [
      {
        "$id": "10",
        "href": "https://api.alliedpayment.com/customers/1234ed51-8d1b-45c4-8337-813da675cb83/history/1234b237-f529-4a9d-83a7-c84141f4bd13",
        "rel": "self"
      },
      {
        "$id": "11",
        "href": "https://api.alliedpayment.com/customers/1234ed51-8d1b-45c4-8337-813da675cb83",
        "rel": "customer"
      },
      {
        "$id": "12",
        "href": "https://api.alliedpayment.com/payments/1234b237-f529-4a9d-83a7-c84141f4bd13",
        "rel": "payment"
      },
      {
        "$id": "13",
        "href": "https://api.alliedpayment.com/payments/1234b237-f529-4a9d-83a7-c84141f4bd13/cancel",
        "rel": "CancelPayment"
      }
    ]
  },
  "CheckNumber": "6005",
  "PaymentType": "PAPER",
  "CreateOnDate": "2015-05-07T16:28:35",
  "PayFromAccount": "12345678",
  "PayFromRouting": "123405734",
  "PayToAccount": null,
  "PayToAddress": null,
  "PayToAddress2": null,
  "PayToCity": null,

```

```
"PayToState": null,  
"PayToZip": null  
}  
}
```

GET /PHOTOS/<PICTURE_ID>/STATUS

The purpose of this API call is to provide the status of a Picture Pay photo.

REQUEST

Connection: close
Accept: application/json, application/xml, text/json, text/x-json, text/javascript, text/xml, application/json
Accept-Encoding: gzip, deflate
Authorization: SIGNATURE username=<username>;domain=<domain>;timestamp=Thu, 22 Oct 2015 15:01:27 GMT;signature=RzBaF73fyGVQmwq4nr/Lp5KB14=;publicKey=1234aodzs2QyBoqjRrk
Host: api.alliedpayment.com
User-Agent: Test Harness
X-Device-Address: 127.235.38.98
X-Device-Id: 1234dff2-6bbc-4fed-b89e-8613dcd0302f
X-Newrelic-Id: UgYFUVNACgUHVFNBTBQ==
X-Newrelic-Transaction: PxQHAAUAXFZSBgRQBgVVVIQBFB8EBw8RVU4aUllbV1ZWB1sEA1AHAFQGB0NKQQ0AVVcFUFVSFTs=
X-Payment-Channel: MOBILE
X-Forwarded-For: 127.106.25.56, 127.16.0.193
X-Forwarded-Port: 443
X-Forwarded-Proto: https, https

RESPONSE

Expected Response code: 200

Server: Microsoft-IIS/8.5
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: Content-Type, Accept, Authorization
Access-Control-Allow-Methods: GET, POST, PUT, DELETE, OPTIONS
Content-Encoding: gzip
X-Performance: 0.0246 ms
Content-Length: 3190
Cache-Control: private
X-AspNet-Version: 4.0.30319
Content-Type: application/json

```
{
  "$id": "1",
  "PictureId": "1234aa47-3b8a-435e-a740-818ae2d1ac7f",
  "Status": "PENDING",
  "Message": "Ticket queued for processing, please wait...",
  "ScanStatus": null,
```

```
"Coupon": {
  "$id": "2",
  "Address": {
    "$id": "3",
    "Address1": null,
    "Address2": null,
    "City": null,
    "Country": null,
    "PostalCode": null,
    "State": null,
    "Result": null
  },
  "AccountNumber": null,
  "PayeeName": null,
  "DueDate": null,
  "AmountDue": null
},
"PictureSize": 79688,
"CreatedOn": "2015-10-22T15:00:56",
"ProcessingFinished": null,
"DeliveryOptions": {
  "$id": "4",
  "$values": []
},
"GreyScaleImageUri": "https://api.alliedpayment.com//photos/1234aa47-3b8a-435e-a740-818ae2d1ac7f.jpg?type=greyscale",
"OriginalImageUri": "https://api.alliedpayment.com//photos/1234aa47-3b8a-435e-a740-818ae2d1ac7f.jpg?type=original",
"UserName": "<username>",
"Domain": "<domain>",
"ProcessedOn": null,
"ProcessingTime": "00:00:00",
"RawResponse": {
  "$id": "5",
  "IQAFields": {
    "$id": "6",
    "$values": []
  },
  "ExtractedFields": {
    "$id": "7",
    "$values": []
  },
  "GreyscaleImageLink": null,
  "OriginalImageLink": null,
  "PictureId": "00000000-0000-0000-0000-000000000000",
  "Processor": "Allied",
  "Message": null,
  "ScanResponse": null,
  "Data": {
    "$id": "8",
    "PayeeName": null,
```

```
"CouponName": null,
"PayeeAddress1": null,
"PayeeAddress2": null,
"PayeeCity": null,
"PayeeState": null,
"PayeeZip": null,
"AccountNumber": null,
"DueDate": null,
"AmountDue": null,
"PayeeRecipient": null,
"HighestConfidencePayeeName": null
},
"ProcessingTime": "00:00:00",
"Accepted": false
},
"AlliedResponse": {
  "$id": "9",
  "IntelligentVote": false,
  "PostnetVote": false,
  "TextVote": false,
  "IntelligentResult": {
    "$id": "10",
    "$values": []
  },
  "PostnetResult": {
    "$id": "11",
    "$values": []
  },
  "TextResult": null,
  "IntelligentProcessingTime": "00:00:00",
  "PostnetProcessingTime": "00:00:00",
  "TextProcessingTime": "00:00:00",
  "AlliedProcessingTime": "00:00:00",
  "PictureId": "00000000-0000-0000-0000-000000000000",
  "Processor": "Allied",
  "Message": null,
  "ScanResponse": null,
  "Data": {
    "$id": "12",
    "PayeeName": null,
    "CouponName": null,
    "PayeeAddress1": null,
    "PayeeAddress2": null,
    "PayeeCity": null,
    "PayeeState": null,
    "PayeeZip": null,
    "AccountNumber": null,
    "DueDate": null,
    "AmountDue": null,
    "PayeeRecipient": null,
    "HighestConfidencePayeeName": null
```

```
{,
  "ProcessingTime": "00:00:00",
  "Accepted": false
},
"Responses": {
  "$id": "13",
  "$values": []
},
"ResultedInPayment": false,
"PaymentId": null,
"Id": "12344346-98fc-45a5-a244-2c5f82aca4bc",
"EventSourceId": "12344346-98fc-45a5-a244-2c5f82aca4bc",
"Version": 0,
"InitialVersion": 0
}
```

GET /FIS/<FI-NAME>/DELIVERYINFO

The purpose of this API call is to provide the default delivery options for the financial institution.

REQUEST

Connection: close
Accept: application/json, application/xml, text/json, text/x-json, text/javascript, text/xml, application/json
Accept-Encoding: gzip, deflate
Authorization: SIGNATURE username=T0001778;domain=waynecountybank;timestamp=Thu, 22 Oct 2015 15:05:30 GMT;signature= jHSfcaodzs21234qjRrk;publicKey=1234aodzs2QyBoqjRrk
Host: api.alliedpayment.com
User-Agent: Test Harness
X-Device-Address: 127.235.38.98
X-Device-Id: 1234092CB28D425C8A56DE2554536F59A30308D44A3649D28F3FB6E09108DB99
X-Newrelic-Id: UgYFUVNACgUHVFBTQ==
X-Newrelic-Transaction:
PxQAU1BbXQYFBwAHAQYPX1cAFB8EBw8RVU4aVQoODFcGUFoAVFcEWI0FBkNKQQ8FBQVUBAY
CFTs=
X-Payment-Channel: MOBILE
X-Forwarded-For: 127.106.25.57, 127.16.0.112
X-Forwarded-Port: 443
X-Forwarded-Proto: https, https

RESPONSE

Expected Response code: 200

Server: Microsoft-IIS/8.5
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: Content-Type, Accept, Authorization
Access-Control-Allow-Methods: GET, POST, PUT, DELETE, OPTIONS
Content-Encoding: gzip
X-Performance: 0.0216 ms
Content-Length: 3735
Cache-Control: private
X-AspNet-Version: 4.0.30319
Content-Type: application/json; q=0.9

```
{  
  "$id": "1",  
  "EarliestProcessingDate": "10/22/2015",  
  "EarliestStandardDeliveryDate": "10/28/2015",  
  "EarliestStandardScheduleForDate": "10/22/2015",  
  "EarliestExpeditedDate": "10/22/2015",  
  "DefaultExpeditedOptionName": "Overnight Mail",  
}
```

```
"DefaultExpeditedOptionId": "1234737b-c670-48b1-9121-44cb4a6c8c73",
"DefaultExpeditedOptionFee": 24.95,
"DefaultStandardOptionFee": 0.0,
"CutOffTime": "10/22/2015 4:00:00 PM -04:00",
"StandardOptions": {
  "$id": "2",
  "$values": [
    {
      "$id": "3",
      "Id": "1234c88d-4914-4180-8aa5-11e86c5cccd8",
      "AllowedNetworks": {
        "$id": "4",
        "$values": [
          "8f5af4d0-e180-4ef6-b1fb-25b8b7205822",
          "fcd00dd9-c189-4c8d-bcaf-2eae25195340",
          "fa6d52df-30c5-4de9-bf2c-425a3eba4905",
          "db31566b-bf7f-4805-953e-5300c6b7c6b8",
          "1bf64cea-e3a2-4557-908d-9796c5ee360e",
          "3cbc639c-41e0-4934-a91a-d77736e2453f",
          "37653013-1526-4c18-8e05-d9d1f1d66466",
          "4b0fcf6c-87b1-4f85-afa6-fa04abcee494",
          "da335aaf-253e-477f-8e33-f1a69a74e116",
          "04db59f7-2939-4eee-816b-da6a70e494d3",
          "c7369183-6eab-4917-b907-2f4bdb5ea4df",
          "a0aaaa67-5027-465b-a48c-c2a1d01eedff",
          "5173e0aa-593b-44a2-8ecd-2cd1fccc4900",
          "42fc9361-ab2d-4e17-9de4-6acadad94d9a",
          "d8b6a46c-ba9d-40b7-a557-d5ab6872b956",
          "fa20c125-de48-4b43-801d-02a46c3d98a2",
          "b744c2f3-55a4-4661-b8ee-897a5a6807b8",
          "efd2256f-13ab-43ae-8d64-52395a9d3701",
          "2447b286-0754-4af7-9536-79ac35c5dd44",
          "4a351fe5-94b6-4f53-a66f-1a6fff1906a0"
        ]
      },
      "Description": "Standard",
      "ShippingMethod": "Standard",
      "Floats": {
        "$id": "5",
        "ScheduledForOffset": 0,
        "CollectionDateOffset": 0,
        "SettlementDateOffset": 0,
        "NetworkSendDateOffset": 1
      },
      "MinimumDeliveryTime": 0,
      "MaximumDeliveryTime": null,
      "CutOff": null,
      "Fee": 0.0,
      "IsElectronic": true,
      "IsRealTime": false,
      "IsEnabled": true,
    }
  ]
}
```



```

    "IsDefault": true,
    "CalculateMinimumScheduleForDate": null,
    "DateCalculation": "SendOnDate",
    "MaximumValidFor": "365.00:00:00",
    "ValidFor": {
      "$id": "6",
      "$values": [
        "BILLER"
      ]
    },
    "Priority": 0,
    "MaxDaysReturned": null
  },
  {
    "$id": "7",
    "Id": "12346856-91ee-4861-bf27-3da1b34658ef",
    "AllowedNetworks": {
      "$id": "8",
      "$values": [
        "1234c56a-d192-49d0-9035-4275909edaa4"
      ]
    },
    "Description": "Standard US Mail",
    "ShippingMethod": "Standard",
    "Floats": {
      "$id": "9",
      "ScheduledForOffset": 0,
      "CollectionDateOffset": 0,
      "SettlementDateOffset": 0,
      "NetworkSendDateOffset": 0
    },
    "MinimumDeliveryTime": 0,
    "MaximumDeliveryTime": null,
    "CutOff": null,
    "Fee": 0.0,
    "IsElectronic": false,
    "IsRealTime": false,
    "IsEnabled": true,
    "IsDefault": true,
    "CalculateMinimumScheduleForDate": null,
    "DateCalculation": "SendOnDate",
    "MaximumValidFor": "365.00:00:00",
    "ValidFor": {
      "$id": "10",
      "$values": [
        "BILLER"
      ]
    },
    "Priority": 1,
    "MaxDaysReturned": null
  }
}

```

```
]
},
"DefaultScheduledForDates": null
}
```

GET /CUSTOMERS/<CUSTOMER_ID>/TEMPLATES/<TEMPLATE_ID>/DELIVERYOPTIONS

The purpose of this API call is to provide a list of delivery options for a payee.

REQUEST

Connection: close
Accept: application/json, application/xml, text/json, text/x-json, text/javascript, text/xml, application/json
Accept-Encoding: gzip, deflate
Authorization: SIGNATURE username=<username>;domain=<domain>;timestamp=Thu, 22 Oct 2015 15:06:20
GMT;signature=N6XF96NWNsXVYWk1gDI91luvbB0=;publicKey=jHSfcaodzs2QyBoqjRrk
Host: api.alliedpayment.com
User-Agent: Test Harness
X-Device-Address: 127.225.204.57
X-Device-Id: 12343CE0274B4AEC814A6B2CA028E24DCAFE74E4FDC34B9BACD9C023AC51227D
X-Newrelic-Id: UgYFUVNACgUHVFNtBQ==
X-Newrelic-Transaction:
PxQAAFdSXFJWVfVbVQZWAiYGFB8EBw8RVU4aVVkJBVZSAwIVCAMEAwAEAENKQQ8FBQVUBAY
CFTs=
X-Payment-Channel: MOBILE
X-Forwarded-For: 127.106.25.56, 127.16.0.193
X-Forwarded-Port: 443
X-Forwarded-Proto: https, https

RESPONSE

Expected Response code: 200

Server: Microsoft-IIS/8.5
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: Content-Type, Accept, Authorization
Access-Control-Allow-Methods: GET, POST, PUT, DELETE, OPTIONS
X-ETag: B73EA52B14253B1A972EBA96EB28B5A2
Content-Encoding: gzip
X-Performance: 0.021 ms
Content-Length: 104701
Cache-Control: private
X-AspNet-Version: 4.0.30319
Content-Type: application/json; q=0.9

```
{  
  "$id": "1",
```

```
"$values": [  
  {  
    "$id": "2",  
    "Fee": 0.0,  
    "IsElectronic": true,  
    "IsDefault": true,  
    "Name": "Standard",  
    "DeliveryTimeOffset": 2,  
    "DaysFromScheduleForDate": 3,  
    "OptionId": "1234c472-09bc-4d6b-9d87-a8dce3136cb1",  
    "DeliveryOption": {  
      "$id": "3",  
      "Id": "1234c472-09bc-4d6b-9d87-a8dce3136cb1",  
      "AllowedNetworks": {  
        "$id": "4",  
        "$values": [  
          "12348671-8cd7-48f8-90c2-f24382c77c9e",  
          "1234cea-e3a2-4557-908d-9796c5ee360e",  
          "1234639c-41e0-4934-a91a-d77736e2453f"  
        ]  
      },  
      "Description": "Standard",  
      "ShippingMethod": "Standard",  
      "Floats": {  
        "$id": "5",  
        "ScheduledForOffset": 0,  
        "CollectionDateOffset": 0,  
        "SettlementDateOffset": 0,  
        "NetworkSendDateOffset": 1  
      },  
      "MinimumDeliveryTime": 0,  
      "MaximumDeliveryTime": null,  
      "CutOff": null,  
      "Fee": 0.0,  
      "IsElectronic": true,  
      "IsRealTime": false,  
      "IsEnabled": true,  
      "IsDefault": true,  
      "CalculateMinimumScheduleForDate": null,  
      "DateCalculation": "SendOnDate",  
      "MaximumValidFor": "365.00:00:00",  
      "ValidFor": {  
        "$id": "6",  
        "$values": [  
          "12348671-8cd7-48f8-90c2-f24382c77c9e",  
          "1234cea-e3a2-4557-908d-9796c5ee360e",  
          "1234639c-41e0-4934-a91a-d77736e2453f"  
        ]  
      }  
    }  
  },  
  {  
    "$id": "3",  
    "Fee": 0.0,  
    "IsElectronic": true,  
    "IsDefault": true,  
    "Name": "Standard",  
    "DeliveryTimeOffset": 2,  
    "DaysFromScheduleForDate": 3,  
    "OptionId": "1234c472-09bc-4d6b-9d87-a8dce3136cb1",  
    "DeliveryOption": {  
      "$id": "3",  
      "Id": "1234c472-09bc-4d6b-9d87-a8dce3136cb1",  
      "AllowedNetworks": {  
        "$id": "4",  
        "$values": [  
          "12348671-8cd7-48f8-90c2-f24382c77c9e",  
          "1234cea-e3a2-4557-908d-9796c5ee360e",  
          "1234639c-41e0-4934-a91a-d77736e2453f"  
        ]  
      },  
      "Description": "Standard",  
      "ShippingMethod": "Standard",  
      "Floats": {  
        "$id": "5",  
        "ScheduledForOffset": 0,  
        "CollectionDateOffset": 0,  
        "SettlementDateOffset": 0,  
        "NetworkSendDateOffset": 1  
      },  
      "MinimumDeliveryTime": 0,  
      "MaximumDeliveryTime": null,  
      "CutOff": null,  
      "Fee": 0.0,  
      "IsElectronic": true,  
      "IsRealTime": false,  
      "IsEnabled": true,  
      "IsDefault": true,  
      "CalculateMinimumScheduleForDate": null,  
      "DateCalculation": "SendOnDate",  
      "MaximumValidFor": "365.00:00:00",  
      "ValidFor": {  
        "$id": "6",  
        "$values": [  
          "12348671-8cd7-48f8-90c2-f24382c77c9e",  
          "1234cea-e3a2-4557-908d-9796c5ee360e",  
          "1234639c-41e0-4934-a91a-d77736e2453f"  
        ]  
      }  
    }  
  }  
]
```

```
"BILLER"
]
},
"Priority": 0,
"MaxDaysReturned": null
},
"NetworkId": "12348671-8cd7-48f8-90c2-f24382c77c9e",
"RouteId": "00000000-0000-0000-0000-000000000000",
"DateTimeCalculationAlgorithm": "BusinessDays",
"Priority": 0,
"EarliestDeliveryDate": "2015-11-05T00:00:00",
"MinimumScheduledForDate": "2015-11-02T00:00:00",
"MaximumScheduledForDate": "2016-11-01T00:00:00",
"DeliveryDates": {
  "$id": "7",
  "$values": [
    {
      "$id": "8",
      "ScheduleForDate": "2015-11-02T00:00:00",
      "DeliveryDate": "2015-11-05T00:00:00",
      "DayZero": "2015-11-02T00:00:00",
      "CollectionDate": "2015-11-02T00:00:00",
      "Description1": "Standard",
      "Description2": "Delivered by 11/5/2015\r\nFor a fee of $0.00"
    },
    {
      "$id": "9",
      "ScheduleForDate": "2015-11-03T00:00:00",
      "DeliveryDate": "2015-11-06T00:00:00",
      "DayZero": "2015-11-03T00:00:00",
      "CollectionDate": "2015-11-03T00:00:00",
      "Description1": "Standard",
      "Description2": "Delivered by 11/6/2015\r\nFor a fee of $0.00"
    },
    {
      "$id": "10",
      "ScheduleForDate": "2015-11-04T00:00:00",
      "DeliveryDate": "2015-11-09T00:00:00",
      "DayZero": "2015-11-04T00:00:00",
      "CollectionDate": "2015-11-04T00:00:00",
      "Description1": "Standard",
      "Description2": "Delivered by 11/9/2015\r\nFor a fee of $0.00"
    },
    {
```

```
"$id": "11",
"ScheduleForDate": "2015-11-05T00:00:00",
"DeliveryDate": "2015-11-10T00:00:00",
"DayZero": "2015-11-05T00:00:00",
"CollectionDate": "2015-11-05T00:00:00",
"Description1": "Standard",
"Description2": "Delivered by 11/10/2015\r\nFor a fee of $0.00"
},
{
  "$id": "12",
  "ScheduleForDate": "2015-11-06T00:00:00",
  "DeliveryDate": "2015-11-12T00:00:00",
  "DayZero": "2015-11-06T00:00:00",
  "CollectionDate": "2015-11-06T00:00:00",
  "Description1": "Standard",
  "Description2": "Delivered by 11/12/2015\r\nFor a fee of $0.00"
}
}
```

NOTE: For a standard electronic or paper payment, there can be up to 365 entries in this section

GET /PAYMENTS/<PAYMENT-ID>/TRACKING

The purpose of the call is to provide USPS tracking information for paper payments. This call returns an array of tracking records. The first 2 entries are created by Allied which include when the payment is created, and when Allied prints the check. After that, the entries are provided by the USPS with a record for every automated process they perform on the check. Normally, the "Scan City", "Scan State", "Scan Description" and "Scan Time" (Stored as Eastern) would be provided to the end user. "Sorting for Delivery" is usually the final scan description provided by the USPS.

REQUEST

Accept: application/xml, text/json, text/x-json, text/javascript, text/xml, application/json
Accept-Encoding: gzip, deflate
Authorization: SIGNATURE username=<UserName>;domain=ALLIED;timestamp=Wed, 30 Dec 2015 15:21:15 GMT;signature=+M59J7Y38Ld6VKLXgd1oPIYHdco=;publicKey=xxxxx
Host: v9037.api.service.consul
User-Agent: RestSharp/105.1.0.0

RESPONSE

Server: Microsoft-IIS/8.5
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: Content-Type, Accept, Authorization
Access-Control-Allow-Methods: GET, POST, PUT, DELETE, OPTIONS
Content-Encoding: gzip
X-Performance: 0.0511 ms
Content-Length: 1831
Cache-Control: private
X-AspNet-Version: 4.0.30319
Content-Type: application/json

```
{  
  "$id": "1",  
  "$values": [  
    {
```

```
"$id": "2",
"id": "e56492f4-8a36-42e9-a16e-e88b1d16995b",
"Piecelid": null,
"ScanTime": "2015-10-14T14:52:02",
"ScanCity": "Scheduled by User",
"ScanState": null,
"ScanDescription": "Payment Scheduled",
"CreatedOn": "2015-10-14T18:52:02",
"Zip": "",
"ScanZip": null
},
{
  "$id": "3",
  "id": "ddc203f8-715e-4d3c-a720-db9e2b363ca7",
  "Piecelid": null,
  "ScanTime": "2015-10-14T16:06:51",
  "ScanCity": "FORT WAYNE",
  "ScanState": "IN",
  "ScanDescription": "Check Printed and Sent to PO",
  "CreatedOn": "2015-10-14T20:06:51",
  "Zip": "",
  "ScanZip": null
},
{
  "$id": "4",
  "id": "c966e8b3-9463-4c69-bc1e-c245556f451c",
  "Piecelid": "2015150340055114",
  "ScanTime": "2015-10-14T20:26:18",
  "ScanCity": "FORT WAYNE",
  "ScanState": "IN",
  "ScanDescription": "Departure Scan",
  "CreatedOn": "2015-10-15T03:40:05",
  "Zip": "",
  "ScanZip": "46802"
},
{
  "$id": "5",
  "id": "f5a05442-02c3-4603-a7ad-b1719febf9ea",
  "Piecelid": "2015152139441784",
  "ScanTime": "2015-10-15T16:12:52",
```



```
"ScanCity": "FORT WAYNE",
"ScanState": "IN",
"ScanDescription": "Sorting at Destination PO",
"CreatedOn": "2015-10-15T21:39:44",
"Zip": "",
"ScanZip": "46802"
},
{
  "$id": "6",
  "Id": "c3711169-7ad5-4f4e-916b-37fb7544b82a",
  "PiecelId": "2015160239449804",
  "ScanTime": "2015-10-15T20:30:40",
  "ScanCity": "FORT WAYNE",
  "ScanState": "IN",
  "ScanDescription": "Sorting For Delivery",
  "CreatedOn": "2015-10-16T02:39:45",
  "Zip": "",
  "ScanZip": "46802"
}
]
}
```

POST REQUESTS

POST /FIS/<FI-NAME>/CREATEUSER

The purpose of this API call is to create a new user and customer

REQUEST

Connection: close
Content-Length: 258
Content-Type: application/json
Accept: application/json, application/xml, text/json, text/x-json, text/javascript, text/xml, application/json
Accept-Encoding: gzip, deflate
Authorization: TIMESTAMP username=<username>;domain=<domain>;timestamp=Wed, 21 Oct 2015 18:28:57
GMT;signature=Kmw2gdT7EyEMMqSgW+8r4C+M0iQ=;publicKey=jHSfcaodzs2QyBoqjRrk
Host: api.alliedpayment.com
User-Agent: Test Harness
X-Device-Address: 127.205.246.61
X-Device-Id: 123401AA4E8F4502A3B094EE68A38FC4CED0EFE8534D419A98534B27C6199320
X-Newrelic-Id: UgYFUVNACgUHVFNtBQ==
X-Newrelic-Transaction: PxQCWVECCAFTAgcBBwISUVQDFB8EBw8RVU4aVwAPVQIBBI8HUIELB1MGBUNKQVsBBVQCAQYEF
Ts=
X-Payment-Channel: MOBILE
X-Forwarded-For: 127.106.25.56, 127.16.0.112
X-Forwarded-Port: 443
X-Forwarded-Proto: https, https

```
{
  "Name": "Collections",
  "AccountNumber": "50.00",
  "Address": {
    "Address1": "1600 Center",
    "Address2": "301 NORTH",
    "City": "Wichita",
    "State": "Kansas",
    "PostalCode": "12345"
  },
  "PayFromBankAccount": {
    "AccountNumber": "3185",
    "RoutingNumber": "123480056"
  }
}
```

RESPONSE

Expected Response code: 201

Server: Microsoft-IIS/8.5
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: Content-Type, Accept, Authorization
Access-Control-Allow-Methods: GET, POST, PUT, DELETE, OPTIONS
X-Performance: 0.021 ms
Cache-Control: private

X-AspNet-Version: 4.0.30319

Location: <https://api.alliedpayment.com/customers/1234e27f-a48c-4d23-b6b0-933d6b2782a8/templates/12343775-23b9-4e57-ae18-d0f630c0aa2a>

POST /CUSTOMERS/<CUSTOMER_ID> (OVERRIDE AS PATCH)

The purpose of this API call is to update customer information.

REQUEST

Connection: close
Content-Length: 40
Content-Type: application/json
Accept: application/json, application/xml, text/json, text/x-json, text/javascript, text/xml, application/json
Accept-Encoding: gzip, deflate
Authorization: TIMESTAMP username=<username>;domain=<domain>;timestamp=Thu, 22 Oct 2015 00:41:26 GMT;signature=XYnQPF+Xg8/uOf2L1AJt7IHxKX4=;publicKey=jHSfcaodzs2QyBoqjRrk
Host: api.alliedpayment.com
User-Agent: Test Harness
X-Device-Address: 127.70.135.219
X-Device-Id: 123469C05724A46BFB8AE5DCF89F8A62F362C162E364A68A35EC2C82F0EC782
X-Newrelic-Id: UgYFUVNACgUHVFNBTBQ==
X-Newrelic-Transaction:
PxRTUwBbXgRVAQVUAQVUXwEEFB8EBw8RVU4aBgpeDFQEAFwFB1cHAV1TAkNKQQoCUwBQVgdTFTs=
X-Payment-Channel: MOBILE
X-Forwarded-For: 127.106.25.56, 127.16.0.193
X-Forwarded-Port: 443
X-Forwarded-Proto: https, https

{"FirstName":"FRED","LastName":"FLINTSTONE"}

RESPONSE

Expected Response code: 204

Server: Microsoft-IIS/8.5
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: Content-Type, Accept, Authorization
Access-Control-Allow-Methods: GET, POST, PUT, DELETE, OPTIONS
X-Performance: 0.0201 ms
Cache-Control: private
X-AspNet-Version: 4.0.30319
Content-Type: application/json; q=0.9

POST /CUSTOMERS/<CUSTOMER_ID>/TEMPLATES/<GUID>

The purpose of this API call is to update a payee.

REQUEST

Connection: close
Content-Length: 235
Content-Type: application/json
Accept: application/json, application/xml, text/json, text/x-json, text/javascript, text/xml, application/json
Accept-Encoding: gzip, deflate
Authorization: TIMESTAMP username=<username>;domain=<domain>;timestamp=Wed, 21 Oct 2015 22:25:52
GMT;signature=XxxXaSXXUsSAU/30V4SWPT2C56Q=;publicKey=jHSfcaodzs2QyBoqjRrk
Host: api.alliedpayment.com
User-Agent: Test Harness
X-Device-Address: 127.171.208.194
X-Device-Id: 1234ACF877764976B1DD0CFB3DE72C72BB89CDBFD0D74672A0B7179E2BE967BF
X-Newrelic-Id: UgYFUVNACgUHVFBNTBQ==
X-Newrelic-Transaction:
PxQDWARXDgYIUFNWAQAHB11QFB8EBw8RVU4aVgFaAAQGXXQ1TBVcCUgUPVKNKQVxSUVRUW1
UDFTs=
X-Payment-Channel: MOBILE
X-Forwarded-For: 127.106.25.57, 127.16.0.193
X-Forwarded-Port: 443
X-Forwarded-Proto: https, https

{"DisplayName":"","PayToAccountNumber":"30858","PayToAddress":{"Address1":"216 NORTH ST","Address2":"","City":"FRED","State":"TX","PostalCode":"12345-1512"},"PayFromAccountNumber":"5842","PayFromRoutingNumber":"123410294"}

RESPONSE

Expected Response code: 204

Server: Microsoft-IIS/8.5
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: Content-Type, Accept, Authorization
Access-Control-Allow-Methods: GET, POST, PUT, DELETE, OPTIONS
X-Performance: 0.0195 ms
Cache-Control: private
X-AspNet-Version: 4.0.30319

CALL: /CUSTOMERS/< CUSTOMER_ID >/ADDRESS (OVERRIDE AS PUT)

The purpose of this API call is to add or update a customer's address.

REQUEST

Connection: close
Content-Length: 116
Content-Type: application/json
Accept: application/json, application/xml, text/json, text/x-json, text/javascript, text/xml, application/json
Accept-Encoding: gzip, deflate
Authorization: SIGNATURE username=<username>;domain=<domain>;timestamp=Thu, 22 Oct 2015 12:04:58 GMT;signature= jHSfcaodzs2QyBoqjRrk;publicKey=jHSfcaodzs2QyBoqjRrk
Host: api.alliedpayment.com
User-Agent: Test Harness
X-Device-Address: 127.167.151.171
X-Device-Id: 21D35D070D6244A38B38000C213073E6!!***667--73445CF414369761348688CD417A224ED06AA
X-Http-Method-Override: PUT
X-Newrelic-Id: UgYFUVNACgUHVFNtBQ==
X-Newrelic-Transaction: PxQOAIQCC1BTAQMDU1AAAIADFB8EBw8RVU4aW1sKVQFQBIwDUAVSVQACBUNKQVKA11QWgdQFTs=
X-Payment-Channel: MOBILE
X-Forwarded-For: 184.106.25.57, 172.16.0.193
X-Forwarded-Port: 443
X-Forwarded-Proto: https, https

{"Address1":"6004 SOUTH","Address2":null,"City":"LUBBOCK","State":"ME","PostalCode":"12345-5214","Country":null}

RESPONSE

Expected Response code: 204

Server: Microsoft-IIS/8.5
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: Content-Type, Accept, Authorization
Access-Control-Allow-Methods: GET, POST, PUT, DELETE, OPTIONS
X-Performance: 0.0216 ms
Cache-Control: private
X-AspNet-Version: 4.0.30319
Content-Type: application/json; q=0.9

POST /CUSTOMERS/< CUSTOMER_ID >/TEMPLATES

The purpose of this API call is to create a payee.

REQUEST

Connection: close
Content-Length: 258
Content-Type: application/json
Accept: application/json, application/xml, text/json, text/x-json, text/javascript, text/xml, application/json
Accept-Encoding: gzip, deflate
Authorization: TIMESTAMP username=<username>;domain=<domain>;timestamp=Wed, 21 Oct 2015 18:28:57 GMT;signature=Kmw2gdT7EyEMMqSgW+8r4C+M0iQ=;publicKey=jHSfcaodzs2QyBoqjRrk
Host: api.alliedpayment.com
User-Agent: Test Harness
X-Device-Address: 127.205.246.61
X-Device-Id: 123401AA4E8F4502A3B094EE68A38FC4CED0EFE8534D419A98534B27C6199320
X-Newrelic-Id: UgYFUVNACgUHVFBNTBQ==
X-Newrelic-Transaction: PxQCWVECCAFTAgcBBwISUVQDFB8EBw8RVU4aVwAPVQIBBI8HUIELB1MGBUNKQVsBBVQCAQYEF Ts=
X-Payment-Channel: MOBILE
X-Forwarded-For: 127.106.25.56, 127.16.0.112
X-Forwarded-Port: 443
X-Forwarded-Proto: https, https

{"Name":"Collections","AccountNumber":"50.00","Address":{"Address1":"1600 Center","Address2":"301 NORTH","City":"Wichita","State":"Kansas","PostalCode":"12345"},"PayFromBankAccount":{"AccountNumber":"3185","RoutingNumber":"123480056"}}

RESPONSE

Expected Response code: 201

server: Microsoft-IIS/8.5
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: Content-Type, Accept, Authorization
Access-Control-Allow-Methods: GET, POST, PUT, DELETE, OPTIONS
X-Performance: 0.021 ms
Cache-Control: private
X-AspNet-Version: 4.0.30319
Location: https://api.alliedpayment.com/customers/1234e27f-a48c-4d23-b6b0-933d6b2782a8/templates/12343775-23b9-4e57-ae18-d0f630c0aa2a

POST /CUSTOMERS/< CUSTOMER_ID >/SUBMITPAYMENT

The purpose of this API call is to submit a payment.

REQUEST

Connection: close
Content-Length: 369
Content-Type: application/json
Accept: application/json, application/xml, text/json, text/x-json, text/javascript, text/xml, application/json
Accept-Encoding: gzip, deflate
Authorization: SIGNATURE username=<username>;domain=<domain>;timestamp=Thu, 22 Oct 2015 12:04:59 GMT;signature=HSfcaodzs2QyBoqjRrk;publicKey=jHSfcaodzs2QyBoqjRrk
Host: api.alliedpayment.com
User-Agent: Test Harness
X-Device-Address: 127.167.151.171
X-Device-Id: 12345D070D6244A38B38000C213073E6!!***667--
73445CF414369761348688CD417A224ED06AA
X-Newrelic-Id: UgYFUVNACgUHVFBNTBQ==
X-Newrelic-Transaction:
PxQOAIQCC1BTAQMDU1AAAIADFB8EBw8RVU4aW1sKVQFQBIwDUAVSVQACBUNKQVvKA11QWg
dQFTs=
X-Payment-Channel: MOBILE
X-Forwarded-For: 127.106.25.57, 127.16.0.193
X-Forwarded-Port: 443
X-Forwarded-Proto: https, https

{"TemplateId":"1234cc2a-033e-440f-a693-b5dc47803713","PictureId":"00000000-0000-0000-0000-000000000000","DeliveryOptionId":"00000000-0000-0000-0000-000000000000","ScheduleForDate":"2015-10-26","Amount":20.49,"AccountNumber":null,"PayToAddress":null,"PayFromBankAccount":{"RoutingNumber":"123401737","AccountNumber":"12340324","AvailableBalance":76387.97,"Name":"Name"}}

RESPONSE

Expected Response code: 201

Server: Microsoft-IIS/8.5
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: Content-Type, Accept, Authorization
Access-Control-Allow-Methods: GET, POST, PUT, DELETE, OPTIONS
X-Entity-Type: payment
Content-Encoding: gzip
X-Performance: 0.031 ms
Content-Length: 270
Cache-Control: private

X-AspNet-Version: 4.0.30319

Location: <https://api.alliedpayment.com/payments/1234819b-6418-4477-a7b6-3cd681ed0b10>

Content-Type: application/json; q=0.9

```
{
  "$id": "1",
  "PayToName": "ENERGY",
  "Id": "1234819b-6418-4477-a7b6-3cd681ed0b10",
  "Status": "Pending",
  "ExpectedDeliveryDate": "2015-10-26T00:00:00",
  "PaymentDate": "2015-10-26T00:00:00",
  "Amount": 20.49,
  "ConfirmationNumber": "8499406"
}
```

POST /PAYMENTS/<PAYMENT_ID>/CANCEL

The purpose of this API call is to cancel a payment.

REQUEST

Connection: close
Content-Length: 32
Content-Type: application/json
Accept: application/json, application/xml, text/json, text/x-json, text/javascript, text/xml, application/json
Accept-Encoding: gzip, deflate
Authorization: TIMESTAMP username=<username>;domain=<domain>;timestamp=Wed, 21 Oct 2015 14:05:13
GMT;signature=VATPgYxAforkCdPR/fWwKAjnoQM=;publicKey=jHSfcaodzs2QyBoqjRrk
Host: api.alliedpayment.com
User-Agent: Test Harness
X-Date: Wed, 21 Oct 2015 14:05:13 GMT
X-Device-Address: 127.87.73.245
X-Device-Id: 123490f1-d21d-4119-a440-ca37c354c2bd
X-Newrelic-Id: UgYFUVNACgUHVFBQ==
X-Newrelic-Transaction:
PxQOU1FTWQYGBVNVAFUOXgZQFB8EBw8RVU4aWwoPBFMGU1hTBIZXW1xUVkNKQVkBAGZZBA9SF
Ts=
X-Payment-Channel: MOBILE
X-Forwarded-For: 127.106.25.57, 127.16.0.193
X-Forwarded-Port: 443
X-Forwarded-Proto: https, https

{"Reason":"No message was sent"}

RESPONSE

Expected Response code: 204

Server: Microsoft-IIS/8.5
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: Content-Type, Accept, Authorization
Access-Control-Allow-Methods: GET, POST, PUT, DELETE, OPTIONS
X-Performance: 0.0324 ms
Cache-Control: private
X-AspNet-Version: 4.0.30319

POST /PHOTO

The purpose of this API call is to submit a Picture Pay picture.

REQUEST

Connection: close
Content-Length: 81496
Content-Type: application/octet-stream
Accept: application/json, application/xml, text/json, text/x-json, text/javascript, text/xml, application/json
Accept-Encoding: gzip, deflate
Authorization: SIGNATURE username=<username>;domain=<domain>k;timestamp=Wed, 21 Oct 2015 14:10:32 GMT;signature=HSfcaodzs2QyBoqjRrk;publicKey=jHSfcaodzs2QyBoqjRrk
Host: api.alliedpayment.com
User-Agent: Test Harness
X-Device-Address: 127.193.161.185
X-Device-Id: 12343fb5-d33a-480d-9a33-eea9ebf6c7bd
X-Newrelic-Id: UgYFUVNACgUHVFNBTBQ==
X-Newrelic-Transaction: PxRUVF5QAQEDUIYHAIMPUglAFB8EBw8RVU4aAQ0ABwsBVg9WVFRRWIBQBkNKQQEEVVIAWg5TFTs=
X-Payment-Channel: MOBILE
X-Forwarded-For: 127.106.25.56, 127.16.0.193
X-Forwarded-Port: 443
X-Forwarded-Proto: https, https

[base64 encoded image]

RESPONSE

Expected Response code: 200

Server: Microsoft-IIS/8.5
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: Content-Type, Accept, Authorization
Access-Control-Allow-Methods: GET, POST, PUT, DELETE, OPTIONS
Content-Encoding: gzip
X-Performance: 0.0328 ms
Content-Length: 3187
Cache-Control: private
X-AspNet-Version: 4.0.30319
Location: https://api.alliedpayment.com/photos/1234de43-13d1-4b5f-a13f-496e44d89ac1/status
Content-Type: application/json

{

```
"$id": "1",
"PictureId": "1234de43-13d1-4b5f-a13f-496e44d89ac1",
"Status": "PENDING",
"Message": "Ticket queued for processing, please wait...",
"ScanStatus": null,
"Coupon": {
  "$id": "2",
  "Address": {
    "$id": "3",
    "Address1": null,
    "Address2": null,
    "City": null,
    "Country": null,
    "PostalCode": null,
    "State": null,
    "Result": null
  },
  "AccountNumber": null,
  "PayeeName": null,
  "DueDate": null,
  "AmountDue": null
},
"PictureSize": 102668,
"CreatedOn": "2015-10-21T14:10:23",
"ProcessingFinished": null,
"DeliveryOptions": {
  "$id": "4",
  "$values": []
},
"GreyScaleImageUri": "https://api.alliedpayment.com//photos/1234de43-13d1-4b5f-a13f-496e44d89ac1.jpg?type=greyscale",
"OriginalImageUri": "https://api.alliedpayment.com//photos/1234de43-13d1-4b5f-a13f-496e44d89ac1.jpg?type=original",
"UserName": "<username>",
"Domain": "<domain>",
"ProcessedOn": null,
"ProcessingTime": "00:00:00",
"RawResponse": {
  "$id": "5",
  "IQAFIELDS": {
    "$id": "6",
    "$values": []
  },
  "ExtractedFields": {
    "$id": "7",
    "$values": []
  },
  "GreyscaleImageLink": null,
  "OriginalImageLink": null,
  "PictureId": "00000000-0000-0000-0000-000000000000",
  "Processor": "Allied",
```

```

"Message": null,
"ScanResponse": null,
"Data": {
  "$id": "8",
  "PayeeName": null,
  "CouponName": null,
  "PayeeAddress1": null,
  "PayeeAddress2": null,
  "PayeeCity": null,
  "PayeeState": null,
  "PayeeZip": null,
  "AccountNumber": null,
  "DueDate": null,
  "AmountDue": null,
  "PayeeRecipient": null,
  "HighestConfidencePayeeName": null
},
"ProcessingTime": "00:00:00",
"Accepted": false
},
"AlliedResponse": {
  "$id": "9",
  "IntelligentVote": false,
  "PostnetVote": false,
  "TextVote": false,
  "IntelligentResult": {
    "$id": "10",
    "$values": []
  },
  "PostnetResult": {
    "$id": "11",
    "$values": []
  },
  "TextResult": null,
  "IntelligentProcessingTime": "00:00:00",
  "PostnetProcessingTime": "00:00:00",
  "TextProcessingTime": "00:00:00",
  "AlliedProcessingTime": "00:00:00",
  "PictureId": "00000000-0000-0000-0000-000000000000",
  "Processor": "Allied",
  "Message": null,
  "ScanResponse": null,
  "Data": {
    "$id": "12",
    "PayeeName": null,
    "CouponName": null,
    "PayeeAddress1": null,
    "PayeeAddress2": null,
    "PayeeCity": null,
    "PayeeState": null,
    "PayeeZip": null,

```

```
"AccountNumber": null,
"DueDate": null,
"AmountDue": null,
"PayeeRecipient": null,
"HighestConfidencePayeeName": null
},
"ProcessingTime": "00:00:00",
"Accepted": false
},
"Responses": {
  "$id": "13",
  "$values": []
},
"ResultedInPayment": false,
"PaymentId": null,
"Id": "1234bb04-be0e-4e80-ae30-8336b4c8b2f6",
"EventSourceId": "1234bb04-be0e-4e80-ae30-8336b4c8b2f6",
"Version": 0,
"InitialVersion": 0
}
```

PATCH REQUESTS

PATCH /PAYMENTS/<PAYMENT_ID>

The purpose of this API call is to update a payment.

REQUEST

Connection: close
Content-Length: 222
Content-Type: application/json
Accept: application/json, application/xml, text/json, text/x-json, text/javascript, text/xml, application/json
Accept-Encoding: gzip, deflate
Authorization: TIMESTAMP username=<username>;domain=<domain>;timestamp=Tue, 20 Oct 2015 16:07:05
GMT;signature=kHgYbG9jW0AYxgahfGgCwzwyXqE=;publicKey=jHSfcaodzs2QyBoqjRrk
Host: api.alliedpayment.com
User-Agent: Test Harness
X-Date: Tue, 20 Oct 2015 16:07:05 GMT
X-Device-Address: 127.166.27.142
X-Device-Id: 8961602
X-Newrelic-Id: UgYFUVNACgUHVFNtBQ==
X-Newrelic-Transaction:
PxQABV9RWVBWUVQGAgEOU1QFFB8EBw8RVU4aVVwBBINQAwXUVVQDW1EGA0NKQV4HA1BYV
1IJFTs=
X-Payment-Channel: MOBILE
X-Forwarded-For: 127.106.25.57, 127.16.0.193
X-Forwarded-Port: 443
X-Forwarded-Proto: https, https

```
{"Amount": "0.11", "DeliveryOptionId": "12344ae9-8b0e-4bb4-ab74-4b681865b4d1", "PaymentDate": "2015-10-30", "PayFromAccountNumber": "12346923", "PayFromRoutingNumber": "123402971"}
```

Only the field being changed is required.

RESPONSE

Expected Response code: 200

Server: Microsoft-IIS/8.5
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: Content-Type, Accept, Authorization
Access-Control-Allow-Methods: GET, POST, PUT, DELETE, OPTIONS
Content-Encoding: gzip
X-Performance: 0.0522 ms

Content-Length: 4263
Cache-Control: private
X-AspNet-Version: 4.0.30319
Content-Type: application/json; q=0.9

```
{
  "$id": "1",
  "Id": "12346f46-5722-4774-87a6-ee4c76b819c1",
  "AddressError": null,
  "Amount": 0.11,
  "BankUserId": null,
  "BatchTimeStamp": null,
  "CheckDig": null,
  "ConfirmationNumber": "4802440",
  "CreateBy": "<username>",
  "CreateOn": "2015-10-20T16:05:53",
  "CutOff": null,
  "DeliveryPoint": null,
  "Email": null,
  "IsExpedited": false,
  "Memo": null,
  "ModifyBy": null,
  "ModifyOn": null,
  "NetworkBillerId": "",
  "PayeeId": null,
  "PayFrom": "Fred Flintstone",
  "PayFromAccount": "12346923",
  "PayFromRtn": "123402971",
  "PaymentDate": "2015-10-30T00:00:00",
  "PayToAccount": "6643",
  "PayToAddress": "124 NORTH BLVD",
  "PayToAddress2": "",
  "PayToCity": "Houston",
  "PayToName": "WORK",
  "PayToState": "TX",
  "PayToZip": "12345",
  "Status": "Pending",
  "AchPattern": "PAPER",
  "CustomerAddress1": "123 NORTH ST",
  "CustomerAddress2": null,
  "CustomerAddress3": " TX 12345",
  "CustomerAddress4": null,
  "PayToPhone": null,
  "SettlementType": null,
  "SettlementSubType": null,
  "Biller_Id": "1234eea6-014d-4805-9846-e6a9153ab5c9",
  "Network_Id": "1234c56a-d192-49d0-9035-4275909edaa4",
  "AggregateRootId": "12346f46-5722-4774-87a6-ee4c76b819c1",
  "PaymentMethod": "CHECK",
  "Fee": 0.0,
```



```
"Teller": null,
"PaymentType": "PAPER",
"FinancialInstitution_Id": "12340a50-e264-4982-a226-311b7b25b57c",
"PaymentBatch_Id": "00000000-0000-0000-0000-000000000000",
"ShardKey": "<domain>",
"Customer_Id": "1234162b-459f-4b05-a941-3bbbba31bf722",
"CheckNumber": "5225",
"BankAccountType": "Personal",
"PayToBankRoutingNumber": null,
"PayToBankAccount": null,
"PayToBankAccountType": "Checking",
"NetworkName": "NA",
"PlanetCodes": {
  "$id": "2",
  "$values": [
    {
      "$id": "3",
      "Id": "123471de-2578-457f-8296-b95f06d50c67",
      "Pieceld": null,
      "ScanTime": "2015-10-20T16:05:53",
      "ScanCity": "Scheduled by User",
      "ScanState": null,
      "ScanDescription": "Payment Scheduled",
      "CreatedOn": "2015-10-20T16:05:53",
      "Zip": "",
      "ScanZip": null
    }
  ]
},
"PayToBankAccountOwner": "Personal",
"DisplayName": null,
"PaymentTemplateId": "1234e11c-3c89-4cd8-b090-e8dd22fa71b3",
"CreditDate": null,
"FloatDays": 0,
"IsRecurring": false,
"BankAccountDisplayName": null,
"ExpectedDeliveryDate": "2015-10-30T00:00:00",
"links": {
  "$id": "4",
  "$values": []
},
"PaymentCategory": "billpay",
"InvoiceData": null,
"TemplateType": "Biller",
"IsReviewed": false,
"IsNoticeSent": false,
"SettlementDate": "2015-10-26T00:00:00",
"CollectionDate": "2015-10-26T00:00:00",
"NetworkSendDate": "2015-10-26T00:00:00",
"PromiseDate": "2015-10-30T00:00:00",
"PictureId": "00000000-0000-0000-0000-000000000000",
```

```
"CollectionBatch_Id": "00000000-0000-0000-0000-000000000000",
"SettlementBatch_Id": "00000000-0000-0000-0000-000000000000",
"NetworkSendBatch_Id": "00000000-0000-0000-0000-000000000000",
"IsNextCreated": false,
"UserId": "123491a8-8a3f-4b52-b119-d19147c98834",
"DeliveryOptionId": "12344ae9-8b0e-4bb4-ab74-4b681865b4d1",
"DeliveryOptionName": "Standard US Mail",
"Corrected": false,
"Alert": false,
"IsLocked": false,
"IsLockedBy": null,
"LockExpiresOn": null,
"StatusReason": null,
"ProcessingStartDate": "2015-10-26T00:00:00",
"ProcessingEndDate": "2015-10-26T00:00:00",
"CustomerFee": 0.0,
"ReviewBy": null,
"PrintOnCheck": false,
"IsPaperPaymentReviewed": false,
"ReverseToCustomer": false,
"IsBookmarked": false,
"IsValidated": false,
"HidePayment": false,
"BranchId": "00000000-0000-0000-0000-000000000000",
"InvoiceNumber": null,
"BranchName": null,
"IsRealTime": false,
"SentToNetworkOn": null,
"SentToNetworkName": null,
"SentToNetworkId": null,
"SentToNetworkResponse": null,
"SentToNetworkWasSuccessful": null,
"ForeignPaymentId": null,
"ForeignSystem": null,
"PayFromEmail": null,
```

...

Example truncated.

PATCH /CUSTOMERS/<CUSTOMER_ID>/TEMPLATES/<TEMPLATE_ID>

The purpose of this API call is to update a template.

REQUEST

Connection: close
Content-Length: 72
Content-Type: application/json
Accept: application/json, application/xml, text/json, text/x-json, text/javascript, text/xml, application/json
Accept-Encoding: gzip, deflate
Authorization: TIMESTAMP username,username.;domain=<domainname>;timestamp=Wed, 6 Jan 2016 21:19:02 GMT;signature=m8i9BAM5OILq/iKXUI6dOBUKRbE=;publicKey=<publickey>
Host: mobileapi.alliedpayment.com
User-Agent: Malauzai Test Harness
X-Device-Address: 192.168.100.157
X-Device-Id: 3369798
X-Newrelic-Id: UgYFUVNACQoBU1IU
X-Newrelic-Transaction: PxQOWVRbCFYCU1RWAAQDB11VFB8EBw8RVU4aWwAKDAJWVw5UBVYGVgUPU0NKQQ1QA11S
BFNXFTs=
X-Payment-Channel: MOBILE
X-Forwarded-For: 184.106.25.61, 172.16.0.97
X-Forwarded-Port: 443
X-Forwarded-Proto: https, https

{"PayFromAccountNumber":"0030017917","PayFromRoutingNumber":"123456789"}

Only the field being changed is required.

RESPONSE

Expected Response code: 204

Server: Microsoft-IIS/8.5
Access-Control-Allow-Origin: *
Access-Control-Allow-Headers: Content-Type, Accept, Authorization
Access-Control-Allow-Methods: GET, POST, PUT, DELETE, OPTIONS
X-Performance: 0.054 ms
Cache-Control: private
X-AspNet-Version: 4.0.30319