Query Invoices & Payments API

Software specification

Version 1.1, 14 May 2018

Key changes since version 1.0 published March 2018

Where	Change
new section 2	new fields, Software name and version
	Some error conditions now moved to the Core specification.
	Heading levels changed to be consistent with other specifications.

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1 Query Invoices & Payments API: Overview

This document specifies ways for a health provider to find information about schedules of invoices that have been submitted to the eGateway, and possibly processed by MFP.

Table 1 shows the query endpoints. Throughout this document, **insert '/https://<environment>/<version>'** between 'GET ' and the URI given.

	URI	Description	See
GET	/claims/vendors/submissions	List invoices submitted by this vendor	3
GET	/claims/vendors/invoices/batch	Get a list of this vendor's invoices	4
GET	/claims/vendors/invoice/{scheduleId}	Get details of this invoice	5
GET	/claims/vendors/payments	List payments to this vendor	6
GET	/claims/vendors/payments/summary/{paymentReference}	Get a summary of a payment made to this vendor, with this payment reference	7
GET	/claims/vendors/payments/details/{paymentReference}	Get details of a payment made to this vendor, with this payment reference	8

Table 1 Invoice and payment queries endpoints

For all standard details, such as:

• the API process, including authentication and authorisation

• common validation error messages such as 'This field is required.'

• generic response codes, such as 403 for an authorisation error, or 200 when a search returns no results

please refer to the Core specification, 'APIs : Core specification'.

This rest of this document specifies the endpoints, the search criteria, and the format of search results for querying invoices and payments.

The 'UI suggestion' values given show what a user might think the field is intended for, and what content to expect. It's not a required standard—the user experience is up to you.

2   Message source

2.1   PMS software name

API JSON	`pmsSoftwareName`
Required?	Yes
Note	Core

2.2   PMS software version

API JSON	`pmsSoftwareVersion`
Required?	Yes
Note	Core

3 List submitted schedules

3.1 Web service

Endpoint	`GET /claims/vendors/submissions`
Results	See section 9.1, Return a list of submitted schedules
Note	Requests from the eChannel database the status of schedules of invoices: • sent to ACC, before processing in MFP • requested by the organisation sending the query, identified from the digital certificate. Relevant status values are 'Receipted' and 'Failed'.

3.2 Search criteria

3.2.1 Vendor ID

Query	`vendorId`
Required?	Yes
Note	Core

3.2.2 Start date

Query	`startDate`
Default value	93 days earlier than the current date
Note	Core

3.2.3 End date

Query	`endDate`
Note	Core

3.2.4 Invoice number (schedule identifier)

Query	`invoiceNumber`
Required?	Optional
Note	Core
	This identifies the schedule of invoices. The identifier of a schedule submitted by the API comprises 'APG' followed by 7 alphanumeric characters.

3.2.5 Document reference

Query	`documentReference`
UI suggestion	Document reference
Required?	Optional
Data type	string
Note	This value may be empty; if present, it often includes a name

Error condition	Code	Message
Invalid format	400	The document reference is invalid; it can only contain letters and numbers.

3.2.6 Page number

Query	`page`
Note	Core

3.2.7 Number of results per page

Query	`pageSize`
Note	Core

4 Get a summary of the vendor's invoices

4.1 Web service

Endpoint	`GET /claims/vendors/invoices/batch`
Results	See section 9.2, Return a summary of this vendor's invoices
Note	Requests from MFP the status of schedules of invoices: • requested by the organisation sending the query • providing the sender has the appropriate security role. Details from the summary returned can be used as criteria for `GET /claims/vendors/invoice/{invoiceNumber}`, or for payment queries.

4.2 Search criteria

4.2.1 Vendor ID

Query	`vendorId`
Required?	Yes
Note	Core

4.2.2 Start date

Query	`startDate`
Default value	93 days earlier than the current date
Note	Core

4.2.3 End date

Query	`endDate`
Note	Core

4.2.4 Provider ID

Query	providerId
Required?	Optional
Note	Core

4.2.5 Processing status

Query	processingStatus
UI suggestion	Status
Required?	Optional
Data type	string
Format	enum (Authorised, Awaiting Authorisation, Complete & Awaiting Validation, Cancelled, In Exception, Incomplete, Invalid, Paid, Partially Paid, Sent-to-AR)
Note	This is the current status in MFP. When a search field contains a character reserved in URLs, it must be encoded, for instance the ampersand in 'Complete & Awaiting Validation' can be encoded as "%26".

Error condition	Code	Message
Value not in the enum list	400	This value must be one of [Authorised, Awaiting Authorisation, Complete & Awaiting Validation, Cancelled, In Exception, Incomplete, Invalid, Paid, Partially Paid, Sent-to-AR].

4.2.6 Invoice number

Query	invoiceNumber
Required?	Optional
Note	Core

4.2.7 Medical fees number (claim number)

Query	claimNumber
Required?	Optional
Note	Core specification section 6.1.1

4.2.8   Page number

Query	page
Note	Core

4.2.9   Number of results per page

Query	pageSize
Note	Core

4.2.8   Page number

5   List invoice details

5.1   Web service

Endpoint	`GET /claims/vendors/invoice/{scheduleId}`
Results	See section 9.3, Return details of a selected schedule
Note	Requests from MFP details of a schedule selected from a summary list, as in section 9.2, Return a summary of this vendor's invoices.

5.2   Search criteria

5.2.1   Vendor ID

Query	`vendorId`
Required?	Yes
Note	Core

5.2.2   Schedule ID

Query	`scheduleId`
UI suggestion	Schedule ID
Required?	Yes
Data type	long integer
Note	This is not the `invoiceNumber`, but a database identifier shown in a summary list of invoices.

Error condition	Code	Message
Not a valid long integer [core]	400	This value must be a whole number no greater than 9,223,372,036,854,775,807.
The value has more than 12 digits	400	The `scheduleId` cannot have more than 12 digits.

5.2.3 Provider ID

Query	`providerId`
Required?	Optional
Note	Core

5.2.4 Medical fees number (claim number)

Query	`claimNumber`
Required?	Optional
Note	Core specification section 6.1.1

6 Query payment advice

6.1 Web service

Endpoint	`GET /claims/vendors/payments`
Results	See section 9.4, Return a list of payments
Note	Requests from MFP a list of payments: • for the given vendor • submitted by the organisation sending the query • providing the sender has the appropriate security role.

6.2 Search criteria

6.2.1 Vendor ID

Query	`vendorId`
Required?	Yes
Note	Core

6.2.2 Start date

Query	`startDate`
Required?	Required if `endDate` is supplied and `paymentReference` is not present Not permitted if `paymentReference` is present, or `endDate` is missing
Default value	When no `paymentReference` is present, 13 months earlier than the current date
Note	Core

6.2.3 End date

Query	`endDate`
Required?	Required if `startDate` is supplied and `paymentReference` is not present Not permitted if `paymentReference` is present, or `startDate` is missing
Default value	When no `paymentReference` is present, the current date
Note	Core

6.2.4   Payment reference

Query	`paymentReference`
Required?	Optional if start and end dates are not present, otherwise not permitted
Note	The payment reference is shown in invoice details results, as in section 5, and lists of payments, as in section 6.
	See also the core specifications

Error condition	Code	Message
A date is specified and `paymentReference` is present	400	Either a date range or a payment reference may be specified, but not both.

6.2.5   Page number

Query	`page`
Note	Core

6.2.6   Number of results per page

Query	`pageSize`
Note	Core

7 Get a summary of a selected payment

7.1 Web service

Endpoint	`GET /claims/vendors/payments/summary/{paymentReference}`
Results	See section 9.5 Return a summary of a selected payment
Note	Requests from MFP a summary of payments: • to the given vendor • with the given payment reference • for an invoice submitted by the organisation sending the query • providing the sender has the appropriate security role.

7.2 Search criteria

7.2.1 Vendor ID

Query	`vendorId`
Required?	Yes
Note	Core

7.2.2 Payment reference

Query	`paymentReference`
Required?	Yes
Note	Core

8 Get details of a selected payment

8.1 Web service

Endpoint	`GET /claims/vendors/payments/details/{paymentReference}`
Results	See section 9.6, Return details of a selected payment
Note	Requests from MFP details of the selected payments • for an invoice submitted by the organisation sending the query • providing the sender has the appropriate security role.

8.2 Search criteria

8.2.1 Vendor ID

Query	`vendorId`
Required?	Yes
Note	Core

8.2.2 Payment reference

Query	`paymentReference`
Required?	Yes
Note	Core

9   Return the search results

This section describes success results for the queries in sections 3-8.

The Core specification, section 2.5, describes what happens when a valid, authorised query returns no results, or only some of a list of results.

9.1   Return a list of submitted schedules

Query	A valid, authorised query from this endpoint: • `GET /claims/vendors/submissions`, section 3 returns a summary of schedules submitted to eChannel.
Success	For each schedule listed, results include: • vendor ID • invoice number (that is, the schedule identifier) • date submitted • document reference • `invoicedAmount`, the total amount claimed (this may not be the amount paid) • submission status, Receipted or Failed.

Example

```
{
    "list": [
        {
            "id": 12841300,
            "vendorId": "J99966",
            "invoiceNumber": "GQ852741",
            "submittedOn": "2018-01-03T06:31:00",
            "documentReference": "Automated Test Data",
            "invoicedAmount": 1,
            "status": "Receipted",
            "response": null
        },
        {
            "id": 12841288,
            "vendorId": "J99966",
            "invoiceNumber": "GQ361672",
            "submittedOn": "2018-01-02T06:31:00",
            "documentReference": "Automated Test Data",
            "invoicedAmount": 1,
            "status": "Receipted",
            "response": null
        },
        {
            "id": 12841275,
            "vendorId": "J99966",
            "invoiceNumber": "GQ637926",
            "submittedOn": "2017-12-31T06:31:00",
            "documentReference": "Automated Test Data",
            "invoicedAmount": 1,
            "status": "Receipted",
            "response": null
        }
    ],
    "message": null,
    "genereatedAt": "2018-02-14",
    "pageSize": 3,
    "totalPages": 19,
    "page": 1
}
```

9.2 Return a summary of this vendor's invoices

Query	A valid, authorised query from this endpoint: • `GET /claims/vendors/invoices/batch`, section 4 returns a list of schedules submitted to MFP, with their processing status.

Success	For each schedule listed, results include:
	
	• schedule ID (a database identifier, used to get details of this schedule)
	
	• vendor ID
	
	• invoice number
	
	• date submitted
	
	• comments
	
	• claimed amount, the total amount claimed (this may not be the amount paid)
	
	• processing status (see Table 2 for possible values)
	
	• and for each invoice line:
	
	    – provider ID
	
	    – claim number.

Example

```
{
    "list": [
        {
            "scheduleId": 854299667,
            "vendorId": "J99966",
            "invoiceNumber": "GQ169796",
            "submittedOn": "2017-11-12T06:31:00",
            "comments": null,
            "claimedAmount": 1,
            "processingStatus": "Complete & Awaiting Validation",
            "providerId": "J99966",
            "claimNumber": "10011712914"
        },
        {
            "scheduleId": 854299671,
            "vendorId": "J99966",
            "invoiceNumber": "GQ159645",
            "submittedOn": "2017-11-13T06:31:00",
            "comments": null,
            "claimedAmount": 1,
            "processingStatus": "Complete & Awaiting Validation",
            "providerId": "J99966",
            "claimNumber": "10011712914"
        },
        {
            "scheduleId": 854299675,
            "vendorId": "J99966",
            "invoiceNumber": "GQ054237",
            "submittedOn": "2017-11-14T06:31:00",
            "comments": null,
            "claimedAmount": 1,
            "processingStatus": "Complete & Awaiting Validation",
            "providerId": "J99966",
            "claimNumber": "10011712914"
        }
    ],
    "message": null,
    "genereatedAt": "2018-02-14",
    "pageSize": 3,
    "totalPages": 30,
    "page": 1
}
```

Processing-status values for a schedule include:

Authorised	Incomplete
Awaiting Authorisation	Invalid
Complete & Awaiting Validation	Paid
Cancelled	Partially Paid
In Exception	Sent-to-AR

Table 2 Processing status values for a schedule

9.3   Return details of a selected schedule

Query	A valid, authorised query from this endpoint: • `GET /claims/vendors/invoice/{scheduleId}`, section 5 returns details of the selected schedule.
Success	Results include: • provider ID • claim number • service date and code • amount claimed, amount awarded (for payment) • tax (for vendors with a GST number loaded) • compensation total amount (the total paid), and deduction (tax if relevant) • payment status (see Table 3 for possible values) and the reason for it • payment reference (used in further queries) and date. The payment reference is also shown in the remittance advice that MFP sends to the provider. A remittance may include payment for multiple schedule lines, over multiple schedules.
Example	(see code below)

```json
{
    "providerId": "A24886",
    "serviceDate": "2008-04-02T12:00:00",
    "claimNumber": "S1173453910",
    "claimed": 731.88,
    "awarded": 731.88,
    "withholdingTax": null,
    "claimedAmount": 731.88,
    "compensationTotalAmount": 731.88,
    "compensationDeduction": 0,
    "paymentStatus": "Paid",
    "statusReason": null,
    "serviceCode": "IA04",
    "paymentReference": "6227869",
    "paymentDate": "2008-04-18"
},
{
    "providerId": "A24886",
    "serviceDate": "2008-04-02T12:00:00",
    "claimNumber": "S1173453910",
    "claimed": 182.97,
    "awarded": 182.97,
    "withholdingTax": null,
    "claimedAmount": 182.97,
    "compensationTotalAmount": 182.97,
    "compensationDeduction": 0,
    "paymentStatus": "Paid",
    "statusReason": null,
    "serviceCode": "IA01",
    "paymentReference": "6227869",
    "paymentDate": "2008-04-18"
},
```

Payment states for a schedule line include:

Awaiting Authorisation	Paid
Authorised	Remit Advised
Selected for Pay/Advice	Sent-to-AR
Payment Cancelled	

Table 3 Payment status values for a schedule line

9.4   Return a list of payments

Query	A valid, authorised query from this endpoint: • GET /claims/vendors/payments, section 6 returns a list of payments made to the given vendor.
Success	For each payment listed, results include: • vendor ID • payment reference and date • total amount paid • total tax deducted (if the vendor has a GST number loaded).

Example	<pre>{
	    "list": [
	        {
	            "vendorId": "G03947",
	            "paymentReference": "11825959",
	            "paymentDate": "2017-06-09",
	            "totalPaymentAmount": 6397.11,
	            "totalWTaxDeductions": 0,
	            "userId": "btgtestcert1@acc.co.nz",
	            "downloadedDate": "2018-01-11"
	        },
	        {
	
	            "vendorId": "G03947",
	            "paymentReference": "11813680",
	            "paymentDate": "2017-06-02",
	            "totalPaymentAmount": 7147.83,
	            "totalWTaxDeductions": 0,
	            "userId": null,
	            "downloadedDate": null
	        },
	        {
	
	            "vendorId": "G03947",
	            "paymentReference": "11764317",
	            "paymentDate": "2017-05-11",
	            "totalPaymentAmount": 7147.87,
	            "totalWTaxDeductions": 0,
	            "userId": null,
	            "downloadedDate": null
	        }
	    ],
	    "message": null,
	    "genereatedAt": "2018-02-14",
	    "pageSize": 3,
	    "totalPages": 2,
	    "page": 1
	}</pre>

9.5   Return a summary of a selected payment

Query	A valid, authorised query from this endpoint: • GET /claims/vendors/payments/summary{paymentReference}, section 7 returns a summary of the payment with the given payment reference.
Success	Results include: • vendor ID • payment reference (can be used to query details of this payment) • invoice number and date • amount invoiced • amount paid in this payment remittance, tax paid if relevant, and amount excluding tax • comments • payment date • bank account number.
| Example | ```json
{
    "list": [
        {
            "vendorId": "G03947",
            "paymentReference": "11825959",
            "invoiceNumber": "150063",
            "invoiceDate": "2015-06-02",
            "amountInvoiced": 32.64,
            "amountPaid": 0,
            "gstPaid": 0,
            "wtDeduction": 0,
            "comments": null,
            "paymentDate": "2017-06-09",
            "bankAccountNumber": "29-6128-0297263-207"
        }
    ],
    "message": null,
    "generatedAt": "2018-02-16",
    "pageSize": 25,
    "totalPages": 1,
    "page": 1
}
``` |

9.6   Return details of a selected payment

Query	A valid, authorised query from this endpoint: • `GET /claims/vendors/payments/details/{paymentReference}`, section 8 returns details of the selected payment, including what was paid, how much was paid, and the reason for a payment being put on hold or declined.
Success	Results include, as well as all the items in the summary (section 9.5): • payment type, for instance direct credit • claim number and ACC45 reference • client name • service date and code • provider ID • facility • tax rate • comments • reason.

Example	<pre>{
	    "list": [
	        {
	            "vendorId": null,
	            "paymentReference": null,
	            "paymentType": "DC",
	            "invoiceNumber": "150063",
	            "invoiceDate": "2015-06-02",
	            "acc45Reference": "RB52759",
	            "accClaimNumber": null,
	            "clientName": "",
	            "serviceDate": "2015-05-26",
	            "serviceCode": "TMT",
	            "providerId": "19KCDE",
	            "facility": null,
	            "amountInvoiced": 32.64,
	            "wtDeduction": 0,
	            "wtRate": 0,
	            "amountPaid": 0,
	            "reason": "NOC-No ACC45 received by ACC or incorrect claim number used:'
	        }
	    ],
	    "message": null,
	    "generatedAt": "2018-02-19",
	    "pageSize": 25,
	    "totalPages": 1,
	    "page": 1
	}</pre>