PhilHealth

eClaims

Implementation Guide

PECWS v3.0
20241111

APPROVAL SHEET

This document along with its attachments have been approved as the Official Implementation Guide for the Electronic Claims (eClaims) Project.

Following approval of this document, the documents will be distributed to Health Facilities and Health Information System / Electronic Medical Record (HIS/EMR) Service Providers for compliance to the said project

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Revision History

Revision Number	Remarks
20240215	• Initial Release for the SearchCaseRate, GenerateToken, ValidateEsoa and ValidateCF5 methods
20240216	• Changed the parameter of SearchCaseRate method from object input parameters to comma separated list of input parameters
20240228	• Added the requestQrAuthorization and inquireQrTrackingNo methods for the implementation of a use case for QR code of the eGov super app in the PhilHealth claims processing
20240306	• Added the uploadeClaims method; • Added Annex B, C, D, E, F
20240418	• Added softwareCertId in the header of uploadeClaims method
20240423	• Added the following methods: addRequiredDocument, eClaimsFileCheck, getClaimStatus, getDoctorPAN, getMemberPIN, getUploadedClaimsMap, getVoucherDetails, isDoctorAccredited, searchEmployer, getDBServerDateTime, getServerDateTime, getServerVersion and generatePBEFPDF
20240823	• Changed the attribute pActualCharges to pChargesNetOfApplicableVat in eSOA XML, • Updated the expected value of patientIs parameter in isClaimEligible method to the following: 'M' – patient is member (Self), 'S' – patient is spouse, 'C' – patient is child and 'P' – patient is parent, • Added Data Dictionary of CF5, • Added eSOA Libraries
20240910	• Added softwareCertifficateId in the header of Upload eClaims method (to be removed on the next version) • Updated the attribute memberpPIN to memberPIN in isClaimEligible method
20240911	• Added Medicine Library in the eSOA Library (Annex F)
20241111	• Updated following items: 6. Upload eClaims Method - The correct value of the attribute pUserName must be colon plus software certificate ID; Removed the softwareCertifficateId header 8. Add Required Document Method - The body should be a raw JSON; Updated the documentation 13. Get Uploaded Claims Map Method - query parameter name "ReceiptTicketNo" is now "receiptTicketNumber" 15. Is Doctor Accredited Method - updated the key names documentation 16. Search Employer Method - updated the key names documentation 20. Is Claim Eligible Method - Added a definition for hospitalCode; Updated the sample JSON result documentation; 21. Generate PBEF PDF Method - updated the documentation • Moved the Annexes B to F to a different file.

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INTRODUCTION

The Philippine Health Insurance Corporation (PhilHealth) has been implementing the Electronic Claims (eClaims) System since 2016 for the All Case Rates (ACR) provider payment mechanism. This system was developed to automate the claims process, enabling improved turnaround times for claims processing and reimbursement of providers. Despite notable improvements in the efficiency of claims processing, there exists continued delays in turnaround time, and high numbers of "Return-to-Hospital" claims. These can be mainly attributed to the existence of manual procedures in the claims process, including the adjudication of claims, and the lack of front-end claims data validation mechanisms.

The Universal Health Care Act of 2019 aims to address these issues by mandating PhilHealth to shift to paying providers prospectively using Diagnosis-Related Groups (DRG). A key component of this reform is an enhanced version of the current eClaims system which accommodates the collection of data required for DRG grouping.

This guide is designed to provide in-house hospital developers and service providers essential insights and instructions on how to successfully navigate the electronic claims submission process within the context of the PhilHealth DRG system.

Disclaimer:

All information and content in this material is provided in good faith by Philippine Health Insurance Corporation-Universal Health Care Surge Team (PhilHealth-UHCST), and is based on sources believed to be reliable and accurate at the time of development. The PhilHealth-UHCST, and their respective officers, employees and supervisors, do not accept legal liability or responsibility for the Material, or any consequences arising from its use.

Philippine Health Insurance Corporation (PhilHealth) is committed to ensuring ease of availability at the point of care for all its beneficiaries.

APPLICATION PROGRAM INTERFACE (API)

The Application Programming Interface (API) of the PhilHealth e-Claims Web Service (PECWS) serves as the primary interface for interactions with PhilHealth's electronic claims processing system. This existing facade API is the gateway through which healthcare institutions and service providers can connect to and communicate with PhilHealth's infrastructure for the purpose of submitting electronic claims.

It acts as the bridge, allowing these entities to send claim-related data and information to PhilHealth, enabling the processing and evaluation of healthcare claims. Through the PECWS API, users can submit data regarding patient information, medical procedures, diagnoses, and other relevant details necessary for the billing and reimbursement of healthcare services.

WEB SERVICE METHODS

1. Get Token Method

This method will generate a token as authorization key to access API methods using the encrypted Accreditation Number and Sofware Certification ID of the health facility.

Endpoint

`https://{pecws.domain}/PHIC/Claims3.0/getToken`

Method

GET

Inputs

Header

Key	Value/Remarks
`accreditationNo`	The PhilHealth Accreditation Number (PAN) of the Health Facility
`softwareCertificateId`	The software certification ID for PECWS 3.0 of the Health Facility

Output

JSON object containing the following key-value pairs:

Key	Value/Remarks
`success`	A value of 'true' that data has been retrieved successfully
`message`	If an error was encountered during the execution of this method, this will contain the error message
`result`	The generated Token

Sample Output Payload

```
{
  "message":"Token is valid for 20 seconds",
  "result":"eyJhbGciOiJIUzI1N eyJhbGciOiJIUzI1Ni   ",
  "success":true
}
```

2. Validate eSOA Method

A method that will validate encrypted eSOA XML format against Document Type Definition (DTD), data format and valid values set by PhilHealth.

❗***Important Note:***
After successful validation, eSOA XML should be encrypted using PhilHealth Public Key and submitted as attachment to electronic claims using the **EclaimsUpload Method.**

Endpoint

`https://{pecws.domain}/PHIC/Claims3.0/validateeSOA`

Method

POST

Inputs

Header

Key	Values
`token`	PECWS authentication token

Body

The eSOA XML must be encrypted using the cipher key issued by PhilHealth to the Health Facility. The encrypted text contains the following key-value pairs.

Key	Value/Remarks
`docMimeType`	`"text/xml"`
`hash`	The computed hash value of the unencrypted text.
`key1`	“” (Empty string)
`key2`	“” (Empty string)
`iv`	The initialization vector used in the AES encryption
`doc`	The result of the encryption of eSOA XML text using the cipher key of the HF

Output

JSON object containing the following key-value pairs:

<table>
<tr><th>Key</th><th>Value/Remarks</th></tr>
<tr><td>success</td><td>A value of ‘true’ that data has been retrieved successfully</td></tr>
<tr><td>message</td><td>If an error was encountered during the execution of this method, this will contain the error message</td></tr>
<tr><td>result</td><td>Encrypted of result which contains the following key-value pairs
<table>
<tr><th>Key</th><th>Value/Remarks</th></tr>
<tr><td>docMimeType</td><td>"text/xml"</td></tr>
<tr><td>hash</td><td>The computed hash value of the unencrypted text.</td></tr>
<tr><td>key1</td><td>“” (Empty string)</td></tr>
<tr><td>key2</td><td>“” (Empty string)</td></tr>
<tr><td>iv</td><td>The initialization vector used in the AES encryption</td></tr>
<tr><td>doc</td><td>The result of the encryption of eSOA XML text using the cipher key of the HF</td></tr>
</table>
When decrypted, it may contains a response JSON object containing the error details. An array of errors as shown below:
<pre>
{
	"errors": [
		"string1",
		"string2",
		"string3"
	]
}
</pre>
</td></tr>
</table>

eSOA DTD

```
<?xml version="1.0" encoding="utf-8"?>
<!--
	Philippine Health Insurance Corporation
	Electronic Statement of Account Data Type Definition Version
	0.1 : 2022-08-19 12:24pm: Initial
	0.2 : 2023-02-13 03:51pm: Revised
	0.3 : 2023-05-30 09:14am: Added pCategory in ItemizedBillingItem
	0.4 : 2023-08-14 05:17pm: Changed pActualCharges to pChargesNetOfApplicableVat
-->

<!ELEMENT eSOA (SummaryOfFees, ProfessionalFees, ItemizedBillingItems)>
<!ATTLIST eSOA
	pHciPan CDATA #REQUIRED
	pHciTransmittalId CDATA #REQUIRED>
<!ELEMENT SummaryOfFees (RoomAndBoard, DrugsAndMedicine, LaboratoryAndDiagnostic,
OperatingRoomFees, MedicalSupplies, PhilHealth, Balance)>
<!ELEMENT ProfessionalFees (ProfessionalFee*, PhilHealth, Balance)>
<!ELEMENT ItemizedBillingItems (ItemizedBillingItem+)>
<!ELEMENT PhilHealth EMPTY>
<!ATTLIST PhilHealth
pTotalCaseRateAmount CDATA #REQUIRED
>
<!ELEMENT Balance EMPTY>
<!ATTLIST Balance
pAmount CDATA #REQUIRED
>
<!ELEMENT OtherFundSource EMPTY>
<!ATTLIST OtherFundSource
pDescription CDATA #REQUIRED
pAmount CDATA #REQUIRED>
<!ELEMENT SummaryOfFee EMPTY>
<!ATTLIST SummaryOfFee
    pChargesNetOfApplicableVat CDATA #REQUIRED
    pSeniorCitizenDiscount CDATA #REQUIRED
    pPWDDiscount CDATA #REQUIRED
    pPCSO CDATA #REQUIRED
    pDSWD CDATA #REQUIRED
    pDOHMAP CDATA #REQUIRED
    pHMO CDATA #REQUIRED
  >
<!ELEMENT RoomAndBoard (SummaryOfFee, OtherFundSource*)>
<!ELEMENT DrugsAndMedicine (SummaryOfFee, OtherFundSource*)>
<!ELEMENT LaboratoryAndDiagnostic (SummaryOfFee, OtherFundSource*)>
<!ELEMENT OperatingRoomFees (SummaryOfFee, OtherFundSource*)>
<!ELEMENT MedicalSupplies (SummaryOfFee, OtherFundSource*)>
<!ELEMENT ProfessionalFee (ProfessionalInfo, SummaryOfFee)>
<!ELEMENT ProfessionalInfo EMPTY>
<!ATTLIST ProfessionalInfo
    pPAN  CDATA #REQUIRED
    pFirstName CDATA #REQUIRED
    pMiddleName CDATA #REQUIRED
    pLastName CDATA #REQUIRED
    pSuffixName CDATA #REQUIRED
>

<!ELEMENT ItemizedBillingItem EMPTY>
<!ATTLIST ItemizedBillingItem
    pServiceDate CDATA #REQUIRED
```

```
    pItemCode CDATA #REQUIRED
    pItemName CDATA #REQUIRED
    pUnitOfMeasurement CDATA #REQUIRED
    pUnitPrice CDATA #REQUIRED
    pQuantity CDATA #REQUIRED
    pTotalAmount CDATA #REQUIRED
pCategory
(RoomAndBoard|DrugsAndMedicine|LaboratoryAndDiagnostic|OperatingRoomFees|MedicalSupplies)
#REQUIRED
>
```

Sample Unencrypted eSOA XML

```
<eSOA
    pHciPan="HXXXXX678"
    pHciTransmittalId="ECLAIMS-3.0-XXX456-DUMMY">
       <SummaryOfFees>
           <RoomAndBoard>
              <SummaryOfFee
                  pChargesNetOfApplicableVat="2000.00"
                  pSeniorCitizenDiscount="0"
                  pPWDDiscount="0"
                  pPCSO="2000.00"
                  pDSWD="0"
                  pDOHMAP="0"
                  pHMO="0"
              />
              <OtherFundSource
                  pDescription="Hello World Foundation"
                  pAmount="3000.00"
              />
         </RoomAndBoard>
         <DrugsAndMedicine>
              <SummaryOfFee
                  pChargesNetOfApplicableVat ="3500"
                  pSeniorCitizenDiscount="0"
                  pPWDDiscount="0"
                  pPCSO="0"
                  pDSWD="1000.00"
                  pDOHMAP="0"
                  pHMO="0"
              />
         </DrugsAndMedicine>
         <LaboratoryAndDiagnostic>
              <SummaryOfFee
                  pChargesNetOfApplicableVat ="4000.00"
                  pSeniorCitizenDiscount="0"
                  pPWDDiscount="0"
                  pPCSO="0"
                  pDSWD="0"
                  pDOHMAP="0"
                  pHMO="0"
              />
         </LaboratoryAndDiagnostic>
         <OperatingRoomFees>
              <SummaryOfFee
                  pChargesNetOfApplicableVat ="12000.00"
                  pSeniorCitizenDiscount="0"
                  pPWDDiscount="0"
                  pPCSO="0"
                  pDSWD="0"
                  pDOHMAP="0"
                  pHMO="0"
```

```
        />
    </OperatingRoomFees>
    <MedicalSupplies>
        <SummaryOfFee
            pChargesNetOfApplicableVat ="2000.00"
            pSeniorCitizenDiscount="1000.00"
            pPWDDiscount="0"
            pPCSO="0"
            pDSWD="0"
            pDOHMAP="0"
            pHMO="0"
        />
    </MedicalSupplies>
    <PhilHealth
        pTotalCaseRateAmount="15000.00"
    />
    <Balance
        pAmount="3500.00"
    />
</SummaryOfFees>
<ProfessionalFees>
    <ProfessionalFee>
        <ProfessionalInfo
            pPAN="1234-4567890-1"
            pFirstName="JUAN"
            pMiddleName="TAMAD"
            pLastName="DELA CRUZ"
            pSuffixName=""
        />
        <SummaryOfFee
            pChargesNetOfApplicableVat ="0"
            pSeniorCitizenDiscount="0"
            pPWDDiscount="0"
            pPCSO="0"
            pDSWD="0"
            pDOHMAP="0"
            pHMO="0"
        />
    </ProfessionalFee>
    <PhilHealth
        pTotalCaseRateAmount="2000.00"
    />
    <Balance
        pAmount="27180.00"
    />
</ProfessionalFees>
<ItemizedBillingItems>
    <ItemizedBillingItem
        pServiceDate="06-30-2021"
        pItemCode="PARAC"
        pCategory="DrugsAndMedicine"
        pItemName="Paracetamol"
        pUnitOfMeasurement="BOX"
        pUnitPrice="700.00"
        pQuantity="5"
        pTotalAmount="3500.00"

    />
    <ItemizedBillingItem
        pServiceDate="06-30-2021"
        pItemCode="1545"
        pCategory="LaboratoryAndDiagnostic"
        pItemName="HEMATOLOGY: CBC"
        pUnitOfMeasurement=""
```

```
            pUnitPrice="500.00"
            pQuantity="3"
            pTotalAmount="4000.00"
        />
        <ItemizedBillingItem
            pServiceDate="06-30-2021"
            pItemCode=" 1898"
            pCategory="OperatingRoomFees"
            pItemName="OPERATING ROOM"
            pUnitOfMeasurement=""
            pUnitPrice="12000"
            pQuantity="1"
            pTotalAmount="12000"
        />
        <ItemizedBillingItem
            pServiceDate="06-30-2021"
            pItemCode="175"
            pCategory="MedicalSupplies"
            pItemName="GLOVES STERILE, S-6.0 NON LATEX"
            pUnitOfMeasurement="PAIR"
            pUnitPrice="500.00"
            pQuantity="1"
            pTotalAmount="500"
        />
        <ItemizedBillingItem
            pServiceDate="06-30-2021"
            pItemCode="1288"
            pCategory="MedicalSupplies"
            pItemName="FACE MASK (EAR LOOP)DISPOSABLE"
            pUnitOfMeasurement="Box"
            pUnitPrice="500.00"
            pQuantity="3"
            pTotalAmount="1500.00"
        />
    </ItemizedBillingItems>
</eSOA>
```

Sample Encrypted XML as Input Payload


```
{
   "docMimeType": "text/xml",
   "hash": "dfe701c0c9bbca067830054059 1fac928f7dc8f4d74d9771a3841317e7a99aec",
   "key1": "",
   "key2": "",
   "iv": "y1jPMxvQE2aJPVnqqn1pDQ==",
   "doc": "PMs1FWFZT+odAp0qf2zMmroSUr3lYgDFnhYeJqBkuhJNMJU5geSEN=="
}
```


Sample Output Payload


```
{
    "message": "",
    "result": {
        "doc": "tlb2b2NF4PeAS1VoVOX3xIk/GMyBOs/bR6C56VUG2f2XhkA==",
        "docMimeType": "text/xml",
        "hash": "91cb1c3361f70f56ad5df326a000f5c",
        "iv": "oW/4PLliOnwgPNax1d6QWQ==",
        "key1": "",
        "key2": ""
    },
    "success": true
```

```
}
```

3. Validate CF5 Method

A method that will validate encrypted CF5 XML format against Document Type Definition (DTD), data format and values set by PhilHealth.

Important Note:
After successful validation, CF5 XML should be encrypted using PhilHealth Public Key and submitted as attachment to electronic claims using the **EclaimsUpload Method**.

Endpoint

`https://{pecws.domain}/PHIC/Claims3.0/validateCF5`

Method

POST

Inputs

Headers

Key	Values
`token`	PECWS authentication token

Body

The JSON object contains the following key-value pairs:

Name	Values

`cf5`	The CF5 XML text encrypted using cipher key of the HF
	
	`{`
	`"docMimeType": "text/xml",`
	`"hash": "dc8f4d74d977dfe701c0c9bbca000540591fac928f71a3841317e7a99aec",`
	`"key1": "",`
	`"key2": "",`
	`"iv": "y1jPMxvQE2aJPVnqqn1pDQ==",`
	`"doc": "PMs1FWFZT+odAp0qf2zMmroSUr3lYgDFnhYeJqBkuhJNMJU5geEN=="`
	`}`

`eclaims`	The e-Claims XML text encrypted using cipher key of the HF
	
	`{`
	`"docMimeType": "text/xml",`

	"hash": "dc8f4d74d977dfe701c0c9bbca0678300540591fa28f71a3841317e7a99aec", "key1": "", "key2": "", "iv": "y1jPMxvQE2aJPVnqqn1pDQ==", "doc": "PMs1FWFZT+ag2dbj3gs123fsfq3ahqasfwnosfaqwrgssrjlsrqarewr==" }

CF5 DTD

```
<?xml version='1.0' encoding='UTF-8'?>
<!--
    DRG E-Claims DTD History
    DIAGNOSTIC RELATED GROUP Version 1.0
    Version History
        1.0 2023-05-16 by JHEONARD
            : Testing part since e form not in thier final form

    DRG E-Claims DTD History
    DIAGNOSTIC RELATED GROUP Version 1.1
    Version History
        1.1 2023-06-7 by JHEONARD
            : Final Forms of DRG E-Forms
            : Add possible required for claims but not yet final

    DRG E-Claims DTD History
    DIAGNOSTIC RELATED GROUP Version 1.3
    Version History
        1.2 2023-07-12 by JHEONARD
            : Remove duplicate data

   DRG E-Claims DTD History
    DIAGNOSTIC RELATED GROUP Version 1.3
    Version History
        1.3 2024-02-15 by JHEONARD
            : Remove duplicate data
            : Remove Attributes (Series,Lhio,Admission Time)
            : Rename Tag (DRG - CF5)
-->

<!ELEMENT CF5 (DRGCLAIM)>
<!ATTLIST CF5 pHospitalCode CDATA #REQUIRED
   >

<!ELEMENT DRGCLAIM (SECONDARYDIAGS,PROCEDURES)>
<!ATTLIST DRGCLAIM
   PrimaryCode CDATA #REQUIRED
   NewBornAdmWeight CDATA #REQUIRED
   Remarks CDATA #REQUIRED
   ClaimNumber CDATA #REQUIRED
   >

<!ELEMENT SECONDARYDIAGS (SECONDARYDIAG)>
<!ELEMENT SECONDARYDIAG EMPTY>
<!ATTLIST SECONDARYDIAG
   SecondaryCode CDATA #REQUIRED
   Remarks CDATA #REQUIRED
                >
<!ELEMENT PROCEDURES (PROCEDURE)+>
<!ELEMENT PROCEDURE EMPTY>
<!ATTLIST PROCEDURE
   RvsCode CDATA #REQUIRED
```

```
    Laterality CDATA #REQUIRED
    Ext1 CDATA #REQUIRED
    Ext2 CDATA #REQUIRED
    Remarks CDATA #REQUIRED
>
```

Sample Unencrypted CF5 XML

```
<CF5
    pHospitalCode="300806">
  <DRGCLAIM
    ClaimNumber="300806-20221216-1-1"
    PrimaryCode="A00.0"
    NewBornAdmWeight=""
    Remarks="">
    <SECONDARYDIAGS>
      <SECONDARYDIAG
        SecondaryCode="A00.1"
        Remarks=""/>
    </SECONDARYDIAGS>
    <PROCEDURES>
      <PROCEDURE
        RvsCode=""
        Laterality=""
        Ext1=""
       Ext2=""
        Remarks=""/>
    </PROCEDURES>
  </DRGCLAIM>
</CF5>
```

Sample Input Payload


```
{
  "cf5": {
    "docMimeType": "text/xml",
    "hash": "dc8f4d74d977dfe701c0c9bbca0678300540591fac928f71a3841317e7a99aec",
    "key1": "",
    "key2": "",
    "iv": "y1jPMxvQE2aJPVnqqn1pDQ==",
    "doc": "PMs1FWFZT+odAp0qf2zMmroSUr3lYgDFnhYeJqBkuhJNMJU5geEN=="
  },
  "eclaims": {
    "docMimeType": "text/xml",
    "hash": "dc8f4d74d977dfe701c0c9bbca0678300540591fac928f71a3841317e7a99aec",
    "key1": "",
    "key2": "",
    "iv": "y1jPMxvQE2aJPVnqqn1pDQ==",
    "doc": "PMs1FWFZT+odAp0qf2zMmroSUr3lYgDFnhYeJqBkuhJNMJU5geEN=="
  }
}
```


Sample Output Payload

4. Request QR Authorization Method

This method shall be used to consume the eGovPH API that will allow PhilHealth Member to authorize sharing of their data with Health Facility, after their eGovPH Super App QR code has been scanned.

Endpoint

`https://{pecws.domain}/PHIC/Claims3.0/requestQRAuthorization`

Method

POST

Inputs

Header

Key	Values
`token`	PECWS authentication token

Body

A JSON object containing the following key-value pairs:

Name	Values
`qr_value`	The text value of the scanned QR code

Sample value of the JSON object:

```
{
"qr_value":"eyJpdiI6IlRHSThkV2lPSmZnSkJnakREN2h0Mmc9PSIsInZhbHVlIjoiazkzejdkenRjUmtxVTY2Um10
Q1JHMCt6UHZxUUo2eVpJQkt2V1NkNHBUQT0iLCJtYWMiOiJjZGVkMDI4ZmYxZjlmODcwY2E5NjVlZDE0NDRjYWVhNzEy
ODQ5ZTEyM2Y4M2JkMzk2OWQxODJhMjJmMzZlZDQ1In1"
}
```

Output

JSON object contains the following name value pairs:

Key	Value/Remarks

success	A value of 'true' indicates that data has been retrieved successfully
message	If an error was encountered during the execution of this method, this will contain the error message
trackingNo	The tracking number that will be used as input to the inquireQrTrackingNo method

Sample output value:

```
{
      "success": true
      "message": "",
      "trackingNo": "645D7CE4182A1"
 }
```

5. Inquire QR Tracking No Method

This method is called to validate authorization using the QR Code and provide the data of the member after the user permitted the sharing of their data using eGovPH Super App.

Endpoint

`https://{pecws.domain}/PHIC/Claims3.0/inquireQrTrackingNo?trackingNo=`

Method

GET

Inputs

Headers

Key	Value
`token`	PECWS authentication token

Path Params

Parameter	Remarks
`trackingNo`	The value of the tracking number returned by the `requestQrAuthorization` method

Output

Type
JSON Object

Description
The object contains the following name-value pairs:

The result of the encryption of the JSON object of the PAN of the HF and the software certification ID of the system of the HF. The encrypted text contains the following key-value pairs

Name	Values/Remarks
`success`	A value of 'true' indicates that data has been retrieved successfully
`message`	If an error was encountered during the execution of this method, this will

	contain the error message
`result`	Encrypted JSON object using cipher key of the HF

Name	Value/Remarks
`memberInfo`	Contains the following member data

Name	Value/Remarks
`address`	Address
`contactNoLocal`	Local contact number
`dateOfBirth`	Date of birth
`emailAddress`	Email address
`firstName`	First name
`middleName`	Middle name
`lastName`	Last name
`extName`	Ext/Suffix name
`memCat`	Member category
`mobileNo`	Cellphone number
`pin`	Philhealth Identification Number
`sex`	M=Male; F=Female

`employmentInfo`	Contains the following data of the employer of the member

Name	Values/Remarks
`empName`	Name
`empTelNo`	Telephone number
`empNo`	PhilHealth Employer Number

`dependentInfo`	Array of the data of the dependents of the member

Sample output value:

```
{
    "result": {
```

```
    "docMimeType": "text/xml",
    "hash": "dc8f4d74d977dfe701c0c9bbca0678300540591fac928f71a3841317e7a99aec",
    "key1": "",
    "key2": "",
    "iv": "y1jPMxvQE2aJPVnqqn1pDQ==",
    "doc": "PMs1FWFZT+odAp0qf2zMmroSUr3lYgDFnhYeJqBkuhJNMJU5geEN=="
  },
    "success": true,
    "message": ""
}
```


Sample unencrypted result value:


```
      {
        "dependentInfo": [],
        "employmentInfo": {
            "empName": "ACME",
            "empNo": "410474000002",
            "empTelNo": "85555555"
        },
        "memberInfo": {
            "address": "METRO MANILA",
            "contactNoLocal": "555 55555555",
            "dateOfBirth": "1995-01-15",
            "emailAddress": "test@acme.com",
            "extName": "",
            "firstName": "TEST",
            "lastName": "TEST",
            "memCat": "DIRECT CONTRIBUTOR - EMPLOYED GOVERNMENT",
            "middleName": "TEST",
            "mobileNo": "0555555555",
            "pin": "310254165195",
            "sex": "F"
        }
    }
```

6. Upload eClaims Method

This method can be used by the health facilities in transmitting electronic claims (eClaims) file to PhilHealth. This method checks for DTD compliance and validates the values of the XML element attributes if they are valid based on eClaims XML Elements Attribute Definition table.

The transmission date will be the official date received for the uploaded claims upon which the Turn- around Time (TAT) will be measured.

Endpoint

`https://{pecws.domain}/PHIC/Claims3.0/uploadeClaims`

Method

POST

Inputs

Header

Key	Value
`token`	PECWS authentication token

Body

The body is the eclaims XML in JSON format as encrypted using the cipher key of the Health Facility. The JSON object contains the following key-value pairs:

Key	Value/Remarks
`docMimeType`	`"text/xml"`
`hash`	The computed hash value of the unencrypted text.
`key1`	`""` (Empty string)
`key2`	`""` (Empty string)
`iv`	The initialization vector used in the AES encryption
`doc`	The encrypted e-claim XML text.

Output

This method returns a JSON object with the key-value pairs described below:

<table>
<tr><th>Key</th><th>Value/Remarks</th></tr>
<tr><td>success</td><td>A value of ‘true’ indicates a successful operation</td></tr>
<tr><td>message</td><td>If an error was encountered during the execution of this method, this will contain the error message</td></tr>
<tr><td>result</td><td>The JSON object as the result of the encryption (using the cipher key of the health facility) of the XML text containing the Receipt Ticket Number and other data about the processing of the submitted e-claim data.
<table>
<tr><th>Key</th><th>Value/Remarks</th></tr>
<tr><td>docMimeType</td><td>"text/xml"</td></tr>
<tr><td>hash</td><td>The computed hash value of the unencrypted text.</td></tr>
<tr><td>key1</td><td>"" (Empty string)</td></tr>
<tr><td>key2</td><td>"" (Empty string)</td></tr>
<tr><td>iv</td><td>The initialization vector used in the AES encryption</td></tr>
<tr><td>doc</td><td>The encrypted text of the JSON object that contains the records of the matching benefit packages. Sample XML text and the DTD of the XML text is shown below.</td></tr>
</table>
</td></tr>
</table>

eClaims DTD

```
<!--
	Philippine Health Insurance Corporation
	eClaims Document Type Definition Version 1.9

	Version History
	1.9.0 06-23-2017 08:16PM (MSM)
		: removed the ennumerated list values for the pDocumentType attribute for
		  flexibility of adding new elements
		: added pServiceProvider attribute to the eCLAIMS element to indicate the
		  provider of the system used to encode and submit the e-claims XML file
	1.8.0 09-19-2016 05:13PM (MSM)
		: added "IMRT" element as additional to the list of supported repetitive
		  procedures
		: added "APR" element to CF2 for saving the data of the Consent to Access
		  Patient Record section of RF2
		: added "pHasAttachedSOA" attribute to CF2 element
		: added new "CATARACTINFO" element to hold info about data like IOL sticker
		  number for cataract operation. The "CATARACT" element will be deprecated
		  later
		: changed the comments for the pThumbMarkedBy attribute
	1.7.6 07-31-2015 10:38PM
		: remove "()" in this part (BENEFITS)
	1.7.5 revised: 06-23-2015 1:19PM
		: added "P" (Lifetime Member) in the pMemberShipType attribute acceptable
		  values
		: added "ANR" (Anesthesia Record) & "HDR" (Hemodialysis Record) in the
		  pDocumentType attribute acceptable values
	1.7.4 revised: 11-03-2014 9:52am
		: added "MRF" (PhilHealth Member Registration Form) in the pDocumentType
	1.7.3 revised: 01-28-2014 9:58am
		: added pPreAuthDate in ZBENEFIT element
		: added pCaseRateAmount in CASERATE element
		: added pDoctorSignDate in PROFESSIONALS element
		: added pPatientType & pIsEmergency in CLAIM element
		: transfer pCataractPreAuth to CATARACT element
	1.7.2 revised: 12-16-2013 5:03pm
		: abstracted the Particulars from CF3 outside
		: added the CF3_OLD and CF3_NEW elements
	1.7.1 revised: 11-04-2013 3:31pm
		: updated the elements based on the claim forms version 11_04_2013
	1.7 revised: 09-24-2013 08:56am
		: major revision to cater all case rate policy
	1.6.1 revised: 01-29-2013 01:29pm
		: added CSF in list of document types
	1.6 revised: 01-25-2013 01:11pm
		: updated the new coding of documents
	1.5 revised: 10-18-2012 10:01am
		: abstracted the Observation Codes from ZBenefit outside
		: added Official Receipt details
	1.4 revised: 07-16-2012 01:40pm
		: added support for observation for z-benefits
	1.3 revised: 06-01-2012 09:04am
		: added elements for document urls
		: added elements for Z Benefit
	1.2 revised: 02-24-2012 06:16pm
		: added code for packages
		: added codes for case-rates
	1.1 revised: 08-19-2011 11:02am
		: added requirements for case rate
	1.0 revised: 11-12-2010 04:42pm
		: initial version
-->
```

```
<!ENTITY Ntilde "&#209;">
<!ENTITY ntilde "&#241;">
<!ENTITY nbsp " ">

<!ELEMENT eCLAIMS (eTRANSMITTAL)>
<!ATTLIST eCLAIMS
    pUserName CDATA #REQUIRED
    pUserPassword CDATA #REQUIRED
    pHospitalCode CDATA #REQUIRED
    pHospitalEmail CDATA #REQUIRED
    pServiceProvider CDATA #IMPLIED>

<!ELEMENT eTRANSMITTAL (CLAIM+)>
<!ATTLIST eTRANSMITTAL
    pHospitalTransmittalNo CDATA #REQUIRED
    pTotalClaims CDATA #REQUIRED>

<!ELEMENT CLAIM (CF1, CF2, (ALLCASERATE | ZBENEFIT), CF3?, PARTICULARS?, RECEIPTS?, DOCUMENTS)>
<!ATTLIST CLAIM
    pClaimNumber CDATA #REQUIRED
    pTrackingNumber CDATA #REQUIRED
    pPhilhealthClaimType (ALL-CASE-RATE|Z-BENEFIT) #REQUIRED
    pPatientType (I|O) #REQUIRED
    pIsEmergency (Y|N) #REQUIRED>

<!ELEMENT CF1 EMPTY>
<!ATTLIST CF1
    pMemberPIN CDATA #REQUIRED
    pMemberLastName CDATA #REQUIRED
    pMemberFirstName CDATA #REQUIRED
    pMemberSuffix CDATA #REQUIRED
    pMemberMiddleName CDATA #REQUIRED
    pMemberBirthDate CDATA #REQUIRED
    pMemberShipType (S|G|I|NS|NO|PS|PG|P) #REQUIRED
    pMailingAddress CDATA #REQUIRED
    pZipCode CDATA #REQUIRED
    pMemberSex (M|F) #REQUIRED
    pLandlineNo CDATA #REQUIRED
    pMobileNo CDATA #REQUIRED
    pEmailAddress CDATA #REQUIRED
    pPatientIs (M|S|C|P) #REQUIRED
    pPatientPIN CDATA #REQUIRED
    pPatientLastName CDATA #REQUIRED
    pPatientFirstName CDATA #REQUIRED
    pPatientSuffix CDATA #REQUIRED
    pPatientMiddleName CDATA #REQUIRED
    pPatientBirthDate CDATA #REQUIRED
    pPatientSex (M|F) #REQUIRED
    pPEN CDATA #REQUIRED
    pEmployerName CDATA #REQUIRED>

<!ELEMENT CF2 (DIAGNOSIS, SPECIAL, PROFESSIONALS+, CONSUMPTION, APR?)>
<!ATTLIST CF2
    pPatientReferred (Y|N) #REQUIRED
    pReferredIHCPAccreCode CDATA #REQUIRED
    pAdmissionDate CDATA #REQUIRED
    pAdmissionTime CDATA #REQUIRED
    pDischargeDate CDATA #REQUIRED
    pDischargeTime CDATA #REQUIRED
    pDisposition (I|R|H|A|E|T) #REQUIRED
    pExpiredDate CDATA #REQUIRED
    pExpiredTime CDATA #REQUIRED
    pReferralIHCPAccreCode CDATA #REQUIRED
```

```
    pReferralReasons CDATA #REQUIRED
    pAccommodationType (P|N) #REQUIRED
        pHasAttachedSOA (Y|N) #IMPLIED>

<!ELEMENT DIAGNOSIS (DISCHARGE+)>
<!ATTLIST DIAGNOSIS
    pAdmissionDiagnosis CDATA #REQUIRED>

<!ELEMENT DISCHARGE ((ICDCODE+, RVSCODES*)|(ICDCODE*, RVSCODES+))>
<!ATTLIST DISCHARGE
    pDischargeDiagnosis CDATA #REQUIRED>

<!ELEMENT ICDCODE EMPTY>
<!ATTLIST ICDCODE
    pICDCode CDATA #REQUIRED>

<!ELEMENT RVSCODES EMPTY>
<!ATTLIST RVSCODES
    pRelatedProcedure CDATA #REQUIRED
    pRVSCode CDATA #REQUIRED
    pProcedureDate CDATA #REQUIRED
    pLaterality (L|R|B|N) #REQUIRED>

<!ELEMENT SPECIAL (PROCEDURES?, MCP?, TBDOTS?, ABP?, NCP?, HIVAIDS?, CATARACTINFO?)>
<!ELEMENT PROCEDURES ((HEMODIALYSIS?, PERITONEAL?, LINAC?, COBALT?, TRANSFUSION?,
BRACHYTHERAPHY?, CHEMOTHERAPY?, DEBRIDEMENT?, IMRT?),
(HEMODIALYSIS|PERITONEAL|LINAC|COBALT|TRANSFUSION|BRACHYTHERAPHY|CHEMOTHERAPY|DEBRIDEMENT|IM
RT))>
<!ELEMENT HEMODIALYSIS (SESSIONS*)>
<!ELEMENT PERITONEAL (SESSIONS*)>
<!ELEMENT LINAC (SESSIONS*)>
<!ELEMENT COBALT (SESSIONS*)>
<!ELEMENT TRANSFUSION (SESSIONS*)>
<!ELEMENT BRACHYTHERAPHY (SESSIONS*)>
<!ELEMENT CHEMOTHERAPY (SESSIONS*)>
<!ELEMENT DEBRIDEMENT (SESSIONS*)>
<!ELEMENT IMRT (SESSIONS*)>

<!ELEMENT SESSIONS EMPTY>
<!ATTLIST SESSIONS
    pSessionDate CDATA #REQUIRED>

<!ELEMENT MCP EMPTY>
<!ATTLIST MCP
    pCheckUpDate1 CDATA #REQUIRED
    pCheckUpDate2 CDATA #REQUIRED
    pCheckUpDate3 CDATA #REQUIRED
    pCheckUpDate4 CDATA #REQUIRED>

<!ELEMENT TBDOTS EMPTY>
<!ATTLIST TBDOTS
    pTBType (I|M) #REQUIRED
    pNTPCardNo CDATA #REQUIRED>

<!ELEMENT ABP EMPTY>
<!ATTLIST ABP
    pDay0ARV CDATA #REQUIRED
    pDay3ARV CDATA #REQUIRED
    pDay7ARV CDATA #REQUIRED
    pRIG CDATA #REQUIRED
    pABPOthers CDATA #REQUIRED
    pABPSpecify CDATA #REQUIRED>

<!ELEMENT NCP (ESSENTIAL?)>
```

```
<!ATTLIST NCP
    pEssentialNewbornCare (Y|N) #REQUIRED
    pNewbornHearingScreeningTest (Y|N) #REQUIRED
    pNewbornScreeningTest (Y|N) #REQUIRED
    pFilterCardNo CDATA #REQUIRED>

<!ELEMENT ESSENTIAL EMPTY>
<!ATTLIST ESSENTIAL
    pDrying (Y|N) #REQUIRED
    pSkinToSkin (Y|N) #REQUIRED
    pCordClamping (Y|N) #REQUIRED
    pProphylaxis (Y|N) #REQUIRED
    pWeighing (Y|N) #REQUIRED
    pVitaminK (Y|N) #REQUIRED
    pBCG (Y|N) #REQUIRED
    pNonSeparation (Y|N) #REQUIRED
    pHepatitisB (Y|N) #REQUIRED>

<!ELEMENT HIVAIDS EMPTY>
<!ATTLIST HIVAIDS
    pLaboratoryNumber CDATA #REQUIRED>

<!ELEMENT CATARACTINFO EMPTY>
<!ATTLIST CATARACTINFO
    pCataractPreAuth CDATA #REQUIRED
        pLeftEyeIOLStickerNumber CDATA #REQUIRED
        pLeftEyeIOLExpiryDate CDATA #REQUIRED
        pRightEyeIOLStickerNumber CDATA #REQUIRED
        pRightEyeIOLExpiryDate CDATA #REQUIRED>

<!ELEMENT PROFESSIONALS EMPTY>
<!ATTLIST PROFESSIONALS
    pDoctorAccreCode CDATA #REQUIRED
    pDoctorLastName CDATA #REQUIRED
    pDoctorFirstName CDATA #REQUIRED
    pDoctorMiddleName CDATA #REQUIRED
    pDoctorSuffix CDATA #REQUIRED
    pWithCoPay (Y|N) #REQUIRED
    pDoctorCoPay CDATA #REQUIRED
    pDoctorSignDate CDATA #REQUIRED>

<!ELEMENT CONSUMPTION (BENEFITS|(HCIFEES, PROFFEES, PURCHASES))>
<!ATTLIST CONSUMPTION
    pEnoughBenefits (Y|N) #REQUIRED>

<!ELEMENT APR (APRBYPATSIG|APRBYPATREPSIG|APRBYTHUMBMARK)>

<!ELEMENT APRBYPATSIG EMPTY>
<!ATTLIST APRBYPATSIG
    pDateSigned CDATA #REQUIRED>

<!ELEMENT APRBYPATREPSIG ((DEFINEDPATREPREL|OTHERPATREPREL),
(DEFINEDREASONFORSIGNING|OTHERREASONFORSIGNING))>
<!ATTLIST APRBYPATREPSIG
    pDateSigned CDATA #REQUIRED>

<!ELEMENT DEFINEDPATREPREL EMPTY>
<!--    pRelCode:                  One of
                                    S: Spouse
                                    C: Child
                                    P: Parent
                                    I: Siblings
                                    O: Others
                                -->
```

```
<!ATTLIST DEFINEDPATREPREL
    pRelCode (S|C|P|I) #REQUIRED>
<!ELEMENT OTHERPATREPREL EMPTY>
<!ATTLIST OTHERPATREPREL
        pRelCode CDATA #FIXED "O"
    pRelDesc CDATA #REQUIRED>

<!ELEMENT DEFINEDREASONFORSIGNING EMPTY>
<!--    pReasonCode:    One of
                                I: Patient is incapacitated
                                O: Other reasons. Should be specified in pReasonDesc
                                -->
<!ATTLIST DEFINEDREASONFORSIGNING
        pReasonCode (I) #REQUIRED>
<!ELEMENT OTHERREASONFORSIGNING EMPTY>
<!ATTLIST OTHERREASONFORSIGNING
        pReasonCode CDATA #FIXED "O"
    pReasonDesc CDATA #REQUIRED>


<!ELEMENT APRBYTHUMBMARK EMPTY>
<!--    pThumbmarkedBy:    One of
                                P: by patient/member
                                R: by representative
                              -->
<!ATTLIST APRBYTHUMBMARK
    pThumbmarkedBy (P|R) #REQUIRED>

<!ELEMENT BENEFITS EMPTY>
<!ATTLIST BENEFITS
    pTotalHCIFees CDATA #REQUIRED
    pTotalProfFees CDATA #REQUIRED
    pGrandTotal CDATA #REQUIRED>

<!ELEMENT HCIFEES EMPTY>
<!ATTLIST HCIFEES
    pTotalActualCharges CDATA #REQUIRED
    pDiscount CDATA #REQUIRED
    pPhilhealthBenefit CDATA #REQUIRED
    pTotalAmount CDATA #REQUIRED
    pMemberPatient (Y|N) #REQUIRED
    pHMO (Y|N) #REQUIRED
    pOthers (Y|N) #REQUIRED>

<!ELEMENT PROFFEES EMPTY>
<!ATTLIST PROFFEES
    pTotalActualCharges CDATA #REQUIRED
    pDiscount CDATA #REQUIRED
    pPhilhealthBenefit CDATA #REQUIRED
    pTotalAmount CDATA #REQUIRED
    pMemberPatient (Y|N) #REQUIRED
    pHMO (Y|N) #REQUIRED
    pOthers (Y|N) #REQUIRED>

<!ELEMENT PURCHASES EMPTY>
<!ATTLIST PURCHASES
    pDrugsMedicinesSupplies (Y|N) #REQUIRED
    pDMSTotalAmount CDATA #REQUIRED
    pExaminations (Y|N) #REQUIRED
    pExamTotalAmount CDATA #REQUIRED>

<!ELEMENT ALLCASERATE (CASERATE+)>
<!ELEMENT CASERATE (CATARACT?)>
<!ATTLIST CASERATE
```

```
    pCaseRateCode CDATA #REQUIRED
    pICDCode CDATA #REQUIRED
    pRVSCode CDATA #REQUIRED
    pCaseRateAmount CDATA #REQUIRED>

<!ELEMENT CATARACT EMPTY>
<!ATTLIST CATARACT
    pCataractPreAuth CDATA #REQUIRED>

<!ELEMENT ZBENEFIT EMPTY>
<!ATTLIST ZBENEFIT
    pZBenefitCode
(Z0011|Z0012|Z0013|Z0021|Z0022|Z003|Z0041|Z0042|Z0051|Z0052|Z0061|Z0062|Z0071|Z0072|Z0081|Z0
082|Z0091|Z0092) #REQUIRED
    pPreAuthDate CDATA #REQUIRED>

<!ELEMENT CF3 (CF3_OLD?, CF3_NEW?)>
<!ELEMENT CF3_OLD (PHEX, MATERNITY?)>
<!ATTLIST CF3_OLD
    pChiefComplaint CDATA #REQUIRED
    pBriefHistory CDATA #REQUIRED
    pCourseWard CDATA #REQUIRED
    pPertinentFindings CDATA #REQUIRED>

<!ELEMENT MATERNITY (PRENATAL, DELIVERY, POSTPARTUM)>
<!ELEMENT PRENATAL (CLINICALHIST, OBSTETRIC, MEDISURG, CONSULTATION+)>
<!ATTLIST PRENATAL
    pPrenatalConsultation CDATA #REQUIRED
    pMCPOrientation (Y|N) #REQUIRED
    pExpectedDeliveryDate CDATA #REQUIRED>

<!ELEMENT CLINICALHIST EMPTY>
<!ATTLIST CLINICALHIST
    pVitalSigns (Y|N) #REQUIRED
    pPregnancyLowRisk (Y|N) #REQUIRED
    pLMP CDATA #REQUIRED
    pMenarcheAge CDATA #REQUIRED
    pObstetricG CDATA #REQUIRED
    pObstetricP CDATA #REQUIRED
    pObstetric_T CDATA #REQUIRED
    pObstetric_P CDATA #REQUIRED
    pObstetric_A CDATA #REQUIRED
    pObstetric_L CDATA #REQUIRED>

<!ELEMENT OBSTETRIC EMPTY>
<!ATTLIST OBSTETRIC
    pMultiplePregnancy (Y|N) #REQUIRED
    pOvarianCyst (Y|N) #REQUIRED
    pMyomaUteri (Y|N) #REQUIRED
    pPlacentaPrevia (Y|N) #REQUIRED
    pMiscarriages (Y|N) #REQUIRED
    pStillBirth (Y|N) #REQUIRED
    pPreEclampsia (Y|N) #REQUIRED
    pEclampsia (Y|N) #REQUIRED
    pPrematureContraction (Y|N) #REQUIRED>

<!ELEMENT MEDISURG EMPTY>
<!ATTLIST MEDISURG
    pHypertension (Y|N) #REQUIRED
    pHeartDisease (Y|N) #REQUIRED
    pDiabetes (Y|N) #REQUIRED
    pThyroidDisaster (Y|N) #REQUIRED
    pObesity (Y|N) #REQUIRED
    pAsthma (Y|N) #REQUIRED
```

```
    pEpilepsy (Y|N) #REQUIRED
    pRenalDisease (Y|N) #REQUIRED
    pBleedingDisorders (Y|N) #REQUIRED
    pPreviousCS (Y|N) #REQUIRED
    pUterineMyomectomy (Y|N) #REQUIRED>

<!ELEMENT CONSULTATION EMPTY>
<!ATTLIST CONSULTATION
    pVisitDate CDATA #REQUIRED
    pAOGWeeks CDATA #REQUIRED
    pWeight CDATA #REQUIRED
    pCardiacRate CDATA #REQUIRED
    pRespiratoryRate CDATA #REQUIRED
    pBloodPressure CDATA #REQUIRED
    pTemperature CDATA #REQUIRED>

<!ELEMENT DELIVERY EMPTY>
<!ATTLIST DELIVERY
    pDeliveryDate CDATA #REQUIRED
    pDeliveryTime CDATA #REQUIRED
    pObstetricIndex CDATA #REQUIRED
    pAOGLMP CDATA #REQUIRED
    pDeliveryManner CDATA #REQUIRED
    pPresentation CDATA #REQUIRED
    pFetalOutcome CDATA #REQUIRED
    pSex CDATA #REQUIRED
    pBirthWeight CDATA #REQUIRED
    pAPGARScore CDATA #REQUIRED
    pPostpartum CDATA #REQUIRED>

<!ELEMENT POSTPARTUM EMPTY>
<!ATTLIST POSTPARTUM
    pPerinealWoundCare (Y|N) #REQUIRED
    pPerinealRemarks CDATA #REQUIRED
    pMaternalComplications (Y|N) #REQUIRED
    pMaternalRemarks CDATA #REQUIRED
    pBreastFeeding (Y|N) #REQUIRED
    pBreastFeedingRemarks CDATA #REQUIRED
    pFamilyPlanning (Y|N) #REQUIRED
    pFamilyPlanningRemarks CDATA #REQUIRED
    pPlanningService (Y|N) #REQUIRED
    pPlanningServiceRemarks CDATA #REQUIRED
    pSurgicalSterilization (Y|N) #REQUIRED
    pSterilizationRemarks CDATA #REQUIRED
    pFollowupSchedule (Y|N) #REQUIRED
    pFollowupScheduleRemarks CDATA #REQUIRED>

<!ELEMENT CF3_NEW (ADMITREASON?, COURSE?)>

<!ELEMENT ADMITREASON (CLINICAL+, LABDIAG+, PHEX)>
<!ATTLIST ADMITREASON
    pBriefHistory CDATA #REQUIRED
    pReferredReason CDATA #REQUIRED
    pIntensive (Y|N) #REQUIRED
    pMaintenance (Y|N) #REQUIRED>

<!ELEMENT CLINICAL EMPTY>
<!ATTLIST CLINICAL
    pCriteria CDATA #REQUIRED>

<!ELEMENT LABDIAG EMPTY>
<!ATTLIST LABDIAG
    pCriteria CDATA #REQUIRED>
```

```
<!ELEMENT PHEX EMPTY>
<!ATTLIST PHEX
    pBP CDATA #REQUIRED
    pCR CDATA #REQUIRED
    pRR CDATA #REQUIRED
    pTemp CDATA #REQUIRED
    pHEENT CDATA #REQUIRED
    pChestLungs CDATA #REQUIRED
    pCVS CDATA #REQUIRED
    pAbdomen CDATA #REQUIRED
    pGUIE CDATA #REQUIRED
    pSkinExtremities CDATA #REQUIRED
    pNeuroExam CDATA #REQUIRED>

<!ELEMENT COURSE (WARD+)>
<!ELEMENT WARD EMPTY>
<!ATTLIST WARD
    pCourseDate CDATA #REQUIRED
    pFindings CDATA #REQUIRED
    pAction CDATA #REQUIRED>

<!ELEMENT PARTICULARS ((DRGMED+|XLSO+), (DRGMED*|XLSO*))>
<!ELEMENT DRGMED EMPTY>
<!ATTLIST DRGMED
    pPurchaseDate CDATA #REQUIRED
    pDrugCode CDATA #REQUIRED
    pPNDFCode CDATA #REQUIRED
    pGenericName CDATA #REQUIRED
    pBrandName CDATA #REQUIRED
    pPreparation CDATA #REQUIRED
    pQuantity CDATA #REQUIRED>
<!ELEMENT XLSO EMPTY>
<!ATTLIST XLSO
    pDiagnosticDate CDATA #REQUIRED
    pDiagnosticType (IMAGING|LABORATORY|SUPPLIES|OTHERS) #REQUIRED
    pDiagnosticName CDATA #REQUIRED
    pQuantity CDATA #REQUIRED>

<!ELEMENT RECEIPTS (RECEIPT+)>
<!ELEMENT RECEIPT (ITEM+)>
<!ATTLIST RECEIPT
    pCompanyName CDATA #REQUIRED
    pCompanyTIN CDATA #REQUIRED
    pBIRPermitNumber CDATA #REQUIRED
    pReceiptNumber CDATA #REQUIRED
    pReceiptDate CDATA #REQUIRED
    pVATExemptSale CDATA #REQUIRED
    pVAT CDATA #REQUIRED
    pTotal CDATA #REQUIRED>
<!ELEMENT ITEM EMPTY>
<!ATTLIST ITEM
    pQuantity CDATA #REQUIRED
    pUnitPrice CDATA #REQUIRED
    pDescription CDATA #REQUIRED
    pAmount CDATA #REQUIRED>

<!ELEMENT DOCUMENTS (DOCUMENT+)>
<!ELEMENT DOCUMENT EMPTY>
<!ATTLIST DOCUMENT
    pDocumentType CDATA #REQUIRED
    pDocumentURL CDATA #REQUIRED>
```

Sample eClaims XML

```
<eCLAIMS
    pUserName=":SOFTWARE-CERTIFICATE-ID-HERE"
    pUserPassword=""
    pHospitalCode="123456"
    pHospitalEmail=email@yahoo.com
    pServiceProvider="SAMPLE SERVICE PROVIDER">
    <eTRANSMITTAL
        pHospitalTransmittalNo="20160901"
        pTotalClaims="1">
        <CLAIM
            pClaimNumber="123456-20160930-2"
            pTrackingNumber=""
            pPhilhealthClaimType="ALL-CASE-RATE"
            pPatientType="I"
            pIsEmergency="N">
            <CF1
                pMemberPIN="072007271094"
                pMemberLastName="DELA CRUZ"
                pMemberFirstName="JUAN"
                pMemberSuffix=""
                pMemberMiddleName="OCAMPO"
                pMemberBirthDate="09-19-1973"
                pMemberShipType="G"
                pMailingAddress="PHILIPPINES"
                pZipCode="1234"
                pMemberSex="M"
                pLandlineNo=""
                pMobileNo=""
                pEmailAddress="delacruzjuan@yahoo.com.ph"
                pPatientIs="M"
                pPatientPIN="072007271094"
                pPatientLastName="DELA CRUZ"
                pPatientFirstName="JUAN"
                pPatientSuffix=""
                pPatientMiddleName="OCAMPO"
                pPatientBirthDate="09-19-1973"
                pPatientSex="M"
                pPEN="11-047400000-2"
                pEmployerName="PHILHEALTH"/>
            <CF2
                pPatientReferred="Y"
                pReferredIHCPAccreCode="H12345678"
                pAdmissionDate="09-01-2016"
                pAdmissionTime="01:00:00PM"
                pDischargeDate="09-03-2016"
                pDischargeTime="03:00:00PM"
                pDisposition="I"
                pExpiredDate=""
                pExpiredTime=""
                pReferralIHCPAccreCode=""
                pReferralReasons=""
                pAccommodationType="N"
                pHasAttachedSOA="Y">
                <DIAGNOSIS
                    pAdmissionDiagnosis="PNEUMONIA">
                    <DISCHARGE
                        pDischargeDiagnosis="END STAGE RENAL DISEASE">
                        <ICDCODE pICDCode="O13.012"/>
                        <ICDCODE pICDCode="O13.013"/>
                        <RVSCODES
                            pRelatedProcedure="HEMODIALYSIS"
                            pRVSCode="90935"
```

```
            pProcedureDate="08-26-2009"
            pLaterality="L"/>
    </DISCHARGE>
    <DISCHARGE
        pDischargeDiagnosis="DENGUE">
        <ICDCODE pICDCode="A90.0"/>
    </DISCHARGE>
</DIAGNOSIS>
<SPECIAL>
    <!-- For Repetitive Procedures -->
    <PROCEDURES>
        <HEMODIALYSIS>
            <SESSIONS pSessionDate="08-25-2009"/>
            <SESSIONS pSessionDate="08-26-2009"/>
        </HEMODIALYSIS>
        <CHEMOTHERAPY>
            <SESSIONS pSessionDate="08-27-2009"/>
        </CHEMOTHERAPY>
    </PROCEDURES>
    <!-- For MCP Package -->
    <!--MCP
        pCheckUpDate1="08-25-2009"
        pCheckUpDate2="08-26-2009"
        pCheckUpDate3="08-27-2009"
        pCheckUpDate4="08-28-2009"/-->
    <!-- For TB DOTS Package -->
    <!--TBDOTS
        pTBType="I"
        pNTPCardNo=""/-->
    <!-- For Animal Bite Package -->
    <!--ABP
        pDay0ARV="08-25-2009"
        pDay3ARV="08-25-2009"
        pDay7ARV="08-25-2009"
        pRIG="08-25-2009"
        pABPOthers=""
        pABPSpecify=""/-->
    <!-- For Newborn Care Package -->
    <!--NCP
        pEssentialNewbornCare="Y"
        pNewbornHearingScreeningTest="N"
        pNewbornScreeningTest="N"
        pFilterCardNo="">
        <ESSENTIAL
            pDrying="Y"
            pSkinToSkin="Y"
            pCordClamping="Y"
            pProphylaxis="Y"
            pWeighing="Y"
            pVitaminK="Y"
            pBCG="Y"
            pNonSeparation="Y"
            pHepatitisB="Y"/>
    </NCP-->
    <!-- For Outpatient HIV/AIDS Treatment Package -->
    <!--HIVAIDS
            pLaboratoryNumber=""/-->
    <!--CATARACTINFO
            pCataractPreAuth=""
            pLeftEyeIOLStickerNumber=""
            pLeftEyeIOLExpiryDate=""
            pRightEyeIOLStickerNumber=""
            pRightEyeIOLExpiryDate=""/-->
</SPECIAL>
```

```
            <PROFESSIONALS
                pDoctorAccreCode="1234-1527066-1"
                pDoctorLastName="TEST2"
                pDoctorFirstName="TEST2"
                pDoctorMiddleName="TEST2"
                pDoctorSuffix=""
                pWithCoPay="Y"
                pDoctorCoPay="1000"
                pDoctorSignDate="08-25-2009"/>
            <CONSUMPTION
                pEnoughBenefits="Y">
                <!-- if pEnoughBenefits="Y"-->
                <BENEFITS
                    pTotalHCIFees="1000"
                    pTotalProfFees="1000"
                    pGrandTotal="2000"/>
                <!-- if pEnoughBenefits="N"-->
                <!--
                <HCIFEES
                    pTotalActualCharges="2000"
                    pDiscount="1800"
                    pPhilhealthBenefit="1500"
                    pTotalAmount="300"
                    pMemberPatient="Y"
                    pHMO="N"
                    pOthers="N"/>
                <PROFFEES
                    pTotalActualCharges="3000"
                    pDiscount="2500"
                    pPhilhealthBenefit="1500"
                    pTotalAmount="1000"
                    pMemberPatient="Y"
                    pHMO="Y"
                    pOthers="N"/>
                <PURCHASES
                    pDrugsMedicinesSupplies="Y"
                    pDMSTotalAmount="1000"
                    pExaminations="N"
                    pExamTotalAmount=""/>
                -->
            </CONSUMPTION>
            <APR>
                <APRBYPATREPSIG pDateSigned="08-26-2009">
                    <DEFINEDPATREPREL pRelCode="S" />
                    <OTHERREASONFORSIGNING pReasonDesc="MEMBER IS MISSING" />
                </APRBYPATREPSIG>
            </APR>
        </CF2>
    <!-- pPhilhealthClaimType="ALL-CASE-RATE" -->
        <ALLCASERATE>
            <CASERATE
                pCaseRateCode="CR0001"
                pICDCode="A90"
                pRVSCode=""
                pCaseRateAmount="10000"/>
            <CASERATE
                pCaseRateCode="CR0002"
                pICDCode=""
                pRVSCode="90935"
                pCaseRateAmount="2600"/>
        </ALLCASERATE>
    <!-- pPhilhealthClaimType="Z-BENEFIT" -->
        <!--ZBENEFIT
            pZBenefitCode="Z0011">
```

```
</ZBENEFIT-->
<CF3>
    <CF3_OLD
        pChiefComplaint=""
        pBriefHistory=""
        pCourseWard=""
        pPertinentFindings="">
        <PHEX
            pBP=""
            pCR=""
            pRR=""
            pTemp=""
            pHEENT=""
            pChestLungs=""
            pCVS=""
            pAbdomen=""
            pGUIE=""
            pSkinExtremities=""
            pNeuroExam=""/>
        <MATERNITY>
            <PRENATAL
                pPrenatalConsultation="08-26-2009"
                pMCPOrientation="Y"
                pExpectedDeliveryDate="08-26-2009">
                <CLINICALHIST
                    pVitalSigns="Y"
                    pPregnancyLowRisk="Y"
                    pLMP="08-26-2009"
                    pMenarcheAge="21"
                    pObstetricG=""
                    pObstetricP=""
                    pObstetric_T=""
                    pObstetric_P=""
                    pObstetric_A=""
                    pObstetric_L=""/>
                <OBSTETRIC
                    pMultiplePregnancy="N"
                    pOvarianCyst="N"
                    pMyomaUteri="N"
                    pPlacentaPrevia="N"
                    pMiscarriages="N"
                    pStillBirth="N"
                    pPreEclampsia="N"
                    pEclampsia="N"
                    pPrematureContraction="N"/>
                <MEDISURG
                    pHypertension="N"
                    pHeartDisease="N"
                    pDiabetes="N"
                    pThyroidDisaster="N"
                    pObesity="N"
                    pAsthma="N"
                    pEpilepsy="N"
                    pRenalDisease="N"
                    pBleedingDisorders="N"
                    pPreviousCS="N"
                    pUterineMyomectomy="Y"/>
                <CONSULTATION
                    pVisitDate="08-20-2009"
                    pAOGWeeks=""
                    pWeight="50"
                    pCardiacRate=""
                    pRespiratoryRate="26"
                    pBloodPressure="160/100"
```

```
                    pTemperature="38.5 C"/>
                <CONSULTATION
                    pVisitDate="08-25-2009"
                    pAOGWeeks=""
                    pWeight="60"
                    pCardiacRate=""
                    pRespiratoryRate="26"
                    pBloodPressure="160/100"
                    pTemperature="38.5 C"/>
                <CONSULTATION
                    pVisitDate="08-30-2009"
                    pAOGWeeks=""
                    pWeight="65"
                    pCardiacRate=""
                    pRespiratoryRate="26"
                    pBloodPressure="160/100"
                    pTemperature="38.5 C"/>
            </PRENATAL>
            <DELIVERY
                pDeliveryDate="09-01-2009"
                pDeliveryTime="12:00AM"
                pObstetricIndex=""
                pAOGLMP=""
                pDeliveryManner=""
                pPresentation=""
                pFetalOutcome=""
                pSex="M"
                pBirthWeight="5000"
                pAPGARScore=""
                pPostpartum=""/>
            <POSTPARTUM
                pPerinealWoundCare="Y"
                pPerinealRemarks=""
                pMaternalComplications="Y"
                pMaternalRemarks=""
                pBreastFeeding="Y"
                pBreastFeedingRemarks=""
                pFamilyPlanning="Y"
                pFamilyPlanningRemarks=""
                pPlanningService="Y"
                pPlanningServiceRemarks=""
                pSurgicalSterilization="Y"
                pSterilizationRemarks=""
                pFollowupSchedule="Y"
                pFollowupScheduleRemarks=""/>
        </MATERNITY>
    </CF3_OLD>
    <!--CF3_NEW>
        <ADMITREASON
            pBriefHistory=""
            pReferredReason=""
            pIntensive="N"
            pMaintenance="N">
            <CLINICAL pCriteria="COUGH"/>
            <CLINICAL pCriteria="COLDS"/>
            <CLINICAL pCriteria="FEVER"/>
            <CLINICAL pCriteria="RR=26"/>
            <CLINICAL pCriteria="T= 38.5 C"/>
            <CLINICAL pCriteria="BP = 160/100"/>
            <LABDIAG pCriteria="CHEST X-RAY- PNEUMONIA"/>
            <LABDIAG pCriteria="CBC-INCREASE WBC"/>
            <LABDIAG pCriteria="URINALYSIS"/>
            <PHEX
                pBP=""
```

```
                pCR=""
                pRR=""
                pTemp=""
                pHEENT=""
                pChestLungs=""
                pCVS=""
                pAbdomen=""
                pGUIE=""
                pSkinExtremities=""
                pNeuroExam=""/>
        </ADMITREASON>
        <COURSE>
            <WARD
                pCourseDate=""
                pFindings="CHEST X-RAY"
                pAction="FOR ADMISSION"/>
            <WARD
                pCourseDate=""
                pFindings="URINALYSIS"
                pAction="START PENICILLIN IV EVERY 6 HRS."/>
        </COURSE>
    </CF3_NEW-->
</CF3>
<PARTICULARS>
    <DRGMED
        pPurchaseDate="08-26-2009"
        pDrugCode="X0001234"
        pPNDFCode=""
        pGenericName="PARACETAMOL"
        pBrandName="GAYAGESIC"
        pPreparation="TABLET 250MG"
        pQuantity="3"/>
    <DRGMED
        pPurchaseDate="08-26-2009"
        pDrugCode="X0001235"
        pPNDFCode=""
        pGenericName="PARACETAMOL"
        pBrandName="GAYAGESIC"
        pPreparation="TABLET 250MG"
        pQuantity="3"/>
    <XLSO
        pDiagnosticDate="08-26-2009"
        pDiagnosticType="IMAGING"
        pDiagnosticName="ULTRASOUND"
        pQuantity="2"/>
    <XLSO
        pDiagnosticDate="08-26-2009"
        pDiagnosticType="IMAGING"
        pDiagnosticName="ULTRASOUND"
        pQuantity="2"/>
</PARTICULARS>
<RECEIPTS>
    <RECEIPT
        pCompanyName="COMPANY"
        pCompanyTIN="123-456-789"
        pBIRPermitNumber="12345"
        pReceiptNumber="00001"
        pReceiptDate="08-25-2009"
        pVATExemptSale="0.00"
        pVAT="12.00"
        pTotal="100.00">
        <ITEM
            pQuantity="10"
            pUnitPrice="5"
```

```
                    pDescription="BIOGESIC"
                    pAmount="50.00"/>
                <ITEM
                    pQuantity="5"
                    pUnitPrice="10"
                    pDescription="NEOZEP"
                    pAmount="50.00"/>
            </RECEIPT>
        </RECEIPTS>
        <DOCUMENTS>
            <DOCUMENT
                pDocumentType="CSF"
                pDocumentURL=
"https://hospitalwebserver/eclaims/claimnumber/yyyymmdd000001.pdf"/>
            <DOCUMENT
              pDocumentType="OPR"
              pDocumentURL=
"https://hospitalwebserver/eclaims/claimnumber/yyyymmdd000002.pdf"/>
            <DOCUMENT
                pDocumentType="SOA"
                pDocumentURL=
"https://hospitalwebserver/eclaims/claimnumber/yyyymmdd000003.pdf"/>
        </DOCUMENTS>
    </CLAIM>
  </eTRANSMITTAL>
</eCLAIMS>
```

Sample encrypted XML:


```
{
    "docMimeType": "text/xml",
    "hash": " fac928f71a3841317e7a99aec dc8f4d74d977dfe701c0c9bbca0678300540591",
    "key1": "",
    "key2": "",
    "iv": "nhYeJqBkuhJNM y1jPMxvQE2aJPVnqqn1pDQs==",
    "doc": "aJPVnqqn1pDQ PMs1FWFZT+odAp0qf2zManmroSUr3lYgDFnhYeJqBkuhJNMJU5geEN=="
}
```


Sample encrypted output value:


```
{
    "result": {
    "docMimeType": "text/xml",
    "hash": "dc8f4d74d977dfe701c0c9bbca0678300540591fac928f71a3841317e7a99aec",
    "key1": "",
    "key2": "",
    "iv": "y1jPMxvQE2aJPVnqqn1pDQ==",
    "doc": "PMs1FWFZT+odAp0qf2zManmroSUr3lYgDFnhYeJqBkuhJNMJU5geEN=="
  },
    "success": true,
    "message": ""
}
```


A. Successfully Received

```
<eRECEIPT
    pUserName=""
    pUserPassword=""
```

```
    pHospitalCode="123456"
    pHospitalTransmittalNo="001"
    pTotalClaims="1"
    pTransmissionControlNumber="1234-5601-1234-1253"
    pTransmissionDate="08-26-2009"
    pTransmissionTime="00:00:00AM"
    pReceiptTicketNumber="1234-5601-1234"
</eRECEIPT>
```

B. Unsuccessfully Received

```
<eRECEIPT
    pUserName=""
    pUserPassword=""
    pHospitalCode="123456"
    pHospitalTransmittalNo="001"
    pTotalClaims="1"
    pTransmissionControlNumber=""
    pTransmissionDate="08-26-2009"
    pTransmissionTime="00:00:00AM" >
    <REMARKS pErrCode="T01" pErrDescription="Invalid parameter value: pAmtActual" />
    <REMARKS pErrCode="T02" pErrDescription="Invalid parameter value: pOperationDate" />
</eRECEIPT>
```

7. Search Case Rates Method

A method that allows the caller to search for the case rate amounts with different applicable periods for target benefit packages.

Endpoint

`https://{pecws.domain}/PHIC/Claims3.0/searchCaseRates`

Method

POST

Inputs

Header

Key	Value
`token`	PECWS authentication token

Body

The JSON object contains the following key-value pairs:

Name	Values
`icdcode`	The ICD code of the target benefit package
`rvscode`	The RVS code of the target benefit package
`description`	Substring or full text of the name or description of the target benefit packages
`targetdate`	Format: mm-dd-yyyy. If this parameter has a valid date value (which, normally the admission date of a target claim), this method will return only the record for the applicable period that covers the target date. If an empty string is passed as the value is passed of this parameter, all the applicable periods of the target benefit packages will be returned

Input Payload

```
{
  "icdcode": "",
  "rvscode": "",
  "description":"DENGUE",
  "targetdate":"02-14-2024"
}
```

Output

This method returns a JSON object with the key-value pairs described below:

Key	Value/Remarks
success	A value of 'true' indicates a successful operation
message	If an error was encountered during the execution of this method, this will contain the error message
result	The JSON object of the result of the encryption of the XML text containing the records of the matching benefit packages using the cipher key of the health facility. The JSON object contains the following key value pairs:

Key	Value/Remarks
docMimeType	"text/xml"
hash	The computed hash value of the unencrypted text.
key1	"" (Empty string)
key2	"" (Empty string)
iv	The initialization vector used in the AES encryption
doc	The encrypted text of the JSON object containing the records of the matching benefit packages. Sample XML text and the DTD of the XML text is shown below.

Sample Encrypted Output Payload

```
{
  "success": true,
  "message": "",
  "result": {
      "docMimeType": "text/xml",
      "hash": "dc8f4d74d977dfe701c0c9bbca0678300540591fac928f71a3841317e7c",
      "key1": "",
      "key2": "",
```

```
      "iv": "y1jPMxvQE2aJPVnqqn1pDQ==",
      "doc":"PMs1FWFZT+odArTp0qf2zMmroSUr3lYgDFnhYeJqBkuhJNMJU5geEN=="
    }
}
```


Sample Decrypted XML Text of the Output Payload


```
{"eCASERATES": {
       "CASERATES": [
              {"AMOUNT": {
                            "pPrimaryProfFee": "350.0",
                            "pPrimaryHCIFee": "2250.0",
                            "pCheckFacilityMAT": "F",
                            "pPrimaryCaseRate": "2600.0",
                            "pSecondaryHCIFee": "0.00",
                            "pSecondaryProfFee": "0.00",
                            "pSecondaryCaseRate": "0.00",
                            "pCheckFacilityH1": "F",
                            "pCheckFacilityH2": "F",
                            "pCheckFacilityFSDC": "F",
                            "pCheckFacilityH3": "F",
                            "pCheckFacilityASC": "F",
                            "pCheckFacilityPCF": "T",
                            "pCheckFacilityTSEKAP": "F",
                            "pCheckFacilityABTC": "F",
                            "pCheckFacilityTBDOTSC": "F",
                            "pCheckFacilityOPMC": "F",
                            "pCheckFacilityRHU": "F",
                            "pCheckFacilityDATRC": "F",
                            "pCheckFacilityHIVTH": "F",
                            "pCheckFacilityFPC": "F",
                            "pCheckFacilityCIU": "F",
                            "pCheckFacilityDSP": "F",
                            "pCheckFacilityPCB": "F”
                     },
                     "pCaseRateCode": "CR0389",
                     "pCaseRateDescription": "DIALYSIS PROCEDURE OTHER THAN HEMODIALYSIS (E.G.
PERITONEAL, HEMOFILTRATION)",
                     "pItemCode": "90945",
                     "pItemDescription": "DIALYSIS PROCEDURE OTHER THAN HEMODIALYSIS (E.G. PERITONEAL,
HEMOFILTRATION)",
                     "pEffectivityDate": "09-15-2015",
                     "pEffectivityEndDate": "02-13-2024"
              },
              {"AMOUNT": {
                            "pPrimaryProfFee": "500.0",
                            "pPrimaryHCIFee": "3500.0",
                            "pCheckFacilityMAT": "F",
                            "pPrimaryCaseRate": "4000.0",
                            "pSecondaryHCIFee": "0.00",
                            "pSecondaryProfFee": "0.00",
                            "pSecondaryCaseRate": "0.00",
                            "pCheckFacilityH1": "F",
                            "pCheckFacilityH2": "F",
                            "pCheckFacilityFSDC": "F",
                            "pCheckFacilityH3": "F",
                            "pCheckFacilityASC": "F",
                            "pCheckFacilityPCF": "T",
                            "pCheckFacilityTSEKAP": "F",
                            "pCheckFacilityABTC": "F",
```

```
                        "pCheckFacilityTBDOTSC": "F",
                        "pCheckFacilityOPMC": "F",
                        "pCheckFacilityRHU": "F",
                        "pCheckFacilityDATRC": "F",
                        "pCheckFacilityHIVTH": "F",
                        "pCheckFacilityFPC": "F",
                        "pCheckFacilityCIU": "F",
                        "pCheckFacilityDSP": "F",
                        "pCheckFacilityPCB": "F"
                },
                "pCaseRateCode": "CR0389",
                "pCaseRateDescription": "DIALYSIS PROCEDURE OTHER THAN HEMODIALYSIS (E.G.
PERITONEAL, HEMOFILTRATION)",
                "pItemCode": "90945",
                "pItemDescription": "DIALYSIS PROCEDURE OTHER THAN HEMODIALYSIS (E.G. PERITONEAL,
HEMOFILTRATION)",
                "pEffectivityDate": "12-02-2014",
                "pEffectivityEndDate": "09-14-2015"
                },
                {"AMOUNT": {
                        "pPrimaryProfFee": "500.0",
                        "pPrimaryHCIFee": "3500.0",
                        "pCheckFacilityMAT": "F",
                        "pPrimaryCaseRate": "4000.0",
                        "pSecondaryHCIFee": "0.00",
                        "pSecondaryProfFee": "0.00",
                        "pSecondaryCaseRate": "0.00",
                        "pCheckFacilityH1": "F",
                        "pCheckFacilityH2": "F",
                        "pCheckFacilityFSDC": "F",
                        "pCheckFacilityH3": "F",
                        "pCheckFacilityASC": "F",
                        "pCheckFacilityPCF": "T",
                        "pCheckFacilityTSEKAP": "F",
                        "pCheckFacilityABTC": "F",
                        "pCheckFacilityTBDOTSC": "F",
                        "pCheckFacilityOPMC": "F",
                        "pCheckFacilityRHU": "F",
                        "pCheckFacilityDATRC": "F",
                        "pCheckFacilityHIVTH": "F",
                        "pCheckFacilityFPC": "F",
                        "pCheckFacilityCIU": "F",
                        "pCheckFacilityDSP": "F",
                        "pCheckFacilityPCB": "F"
                },
                "pCaseRateCode": "CR0389",
                "pCaseRateDescription": "DIALYSIS PROCEDURE OTHER THAN HEMODIALYSIS (E.G.
PERITONEAL, HEMOFILTRATION)",
                "pItemCode": "90945",
                "pItemDescription": "DIALYSIS PROCEDURE OTHER THAN HEMODIALYSIS (E.G. PERITONEAL,
HEMOFILTRATION)",
                "pEffectivityDate": "01-01-2014",
                "pEffectivityEndDate": "12-01-2014"
                },
                {"AMOUNT": {
                        "pPrimaryProfFee": "455.0",
                        "pPrimaryHCIFee": "2925.0",
                        "pCheckFacilityMAT": "F",
                        "pPrimaryCaseRate": "3380.0",
                        "pSecondaryHCIFee": "0.00",
                        "pSecondaryProfFee": "0.00",
                        "pSecondaryCaseRate": "0.00",
```

```
                        "pCheckFacilityH1": "F",
                        "pCheckFacilityH2": "F",
                        "pCheckFacilityFSDC": "F",
                        "pCheckFacilityH3": "F",
                        "pCheckFacilityASC": "F",
                        "pCheckFacilityPCF": "T",
                        "pCheckFacilityTSEKAP": "F",
                        "pCheckFacilityABTC": "F",
                        "pCheckFacilityTBDOTSC": "F",
                        "pCheckFacilityOPMC": "F",
                        "pCheckFacilityRHU": "F",
                        "pCheckFacilityDATRC": "F",
                        "pCheckFacilityHIVTH": "F",
                        "pCheckFacilityFPC": "F",
                        "pCheckFacilityCIU": "F",
                        "pCheckFacilityDSP": "F",
                        "pCheckFacilityPCB": "F"
                    },
                    "pCaseRateCode": "CR0389",
                    "pCaseRateDescription": "DIALYSIS PROCEDURE OTHER THAN HEMODIALYSIS (E.G.
PERITONEAL, HEMOFILTRATION)",
                    "pItemCode": "90945",
                    "pItemDescription": "DIALYSIS PROCEDURE OTHER THAN HEMODIALYSIS (E.G. PERITONEAL,
HEMOFILTRATION)",
                    "pEffectivityDate": "02-14-2024",
                    "pEffectivityEndDate": "12-31-9999"
                    }
            ]
        }
}
```

8. Add Required Document Method

A method that allows the caller to add required documents in compliance to RTH Claims.

Endpoint

`https://{pecws.domain}/PHIC/Claims3.0/addRequiredDocument`

Method

POST

Header

Key	Value
token	PECWS authentication token

JSON Payload

JSON object containing the following key-value pairs

Key	Value/Remarks
pSeriesLhioNo	Series Lhio Number
pXML	JSON Object list of documents to be added to the claim submitted

Key	Value/Remarks
docMimeType	"text/xml"
hash	The computed hash value of the unencrypted text.
key1	"" (Empty string)
key2	"" (Empty string)
iv	The initialization vector used in the AES encryption
doc	The encrypted text of the XML object containing the document type and document URL. Sample XML text is shown below.

XML Document attributes

Key	Value/Remarks
pDocumentType	Document Type

	pDocumentURL	Document URL

Sample JSON:

```
{"pSeriesLhioNo": "",
 "pXML": {
              "docMimeType": "",
              "hash": "",
              "key1": "",
              "key2": "",
              "iv": "",
              "doc": ""
         }
}
```

Sample XML to be encrypted as pXML value:

```
<DOCUMENTS>
        <DOCUMENT pDocumentType="CF1" pDocumentURL="http://sample/file/other/cf1.pdf"/>
        <DOCUMENT pDocumentType="CF2" pDocumentURL="http://sample/file/other/cf2.pdf"/>
        <DOCUMENT pDocumentType="OPR" pDocumentURL="http://sample/file/other/opr.pdf"/>
</DOCUMENTS>
```

Output

This method returns a JSON object with the key-value pairs described below:

Key	Value/Remarks
success	A value of 'true' indicates a successful operation
message	If an error was encountered during the execution of this method, this will contain the error message
result	Possible results: "Claims has already been paid" "Claims has already been denied"

9. EClaims File Check Method

A method that allows the caller to validate the eClaims XML File.

Endpoint

`https://{pecws.domain}/PHIC/Claims3.0/eClaimsFileCheck`

Method

POST

Header

Key	Value
`token`	PECWS authentication token

Body

The body is the eclaims XML in JSON format as encrypted using the cipher key of the Health Facility. The JSON object contains the following key-value pairs:

Key	Value/Remarks
`docMimeType`	`"text/xml"`
`hash`	The computed hash value of the unencrypted text.
`key1`	`""` (Empty string)
`key2`	`""` (Empty string)
`iv`	The initialization vector used in the AES encryption
`doc`	The encrypted e-claim XML text.

Output

This method returns a JSON object with the key-value pairs described below:

Key	Value/Remarks
`success`	A value of 'true' indicates a successful operation
`message`	If an error was encountered during the execution of this method, this will contain the error message
`result`	The JSON object as the result of the encryption (using the cipher key of the health facility) of the XML text containing the Receipt Ticket Number and

	other data about the processing of the submitted e-claim data. **Key** / **Value/Remarks** `docMimeType` — `"text/xml"` `hash` — The computed hash value of the unencrypted text. `key1` — `""` (Empty string) `key2` — `""` (Empty string) `iv` — The initialization vector used in the AES encryption `doc` — The encrypted text of the JSON object containing the records of the matching benefit packages. Sample XML text and the DTD of the XML text is shown below.

Sample encrypted output value:


```
{
    "result": {
    "docMimeType": "text/xml",
    "hash": "dc8f4d74d977dfe701c0c9bbca0678300540591fac928f71a3841317e7a99aec",
    "key1": "",
    "key2": "",
    "iv": "y1jPMxvQE2aJPVnqqn1pDQ==",
    "doc": "PMs1FWFZT+odAp0qf2zManmroSUr3lYgDFnhYeJqBkuhJNMJU5geEN=="
  },
    "success": true,
    "message": ""
}
```

10. Get Claim Status Method

A method that allows the caller to search for the case rate amounts with different applicable periods for target benefit packages.

Endpoint

`https://{pecws.domain}/PHIC/Claims3.0/getClaimStatus`

Method

GET

Header

Key	Value
`token`	PECWS authentication token

Body

The body is the eclaims XML in JSON format as encrypted using the cipher key of the Health Facility. The JSON object contains the following key-value pairs:

Key	Value
`serieslhionos`	JSON Object list of Strings containing multiple claims Series Nos

Output

This method returns a JSON object with the key-value pairs described below:

Key	Value/Remarks
`success`	A value of 'true' indicates a successful operation
`message`	If an error was encountered during the execution of this method, this will contain the error message
`result`	The JSON object as the result of the encryption (using the cipher key of the health facility) of the XML text containing the Receipt Ticket Number and other data about the processing of the submitted e-claim data.

Key	Value/Remarks
`docMimeType`	`"text/xml"`
`hash`	The computed hash value of the unencrypted text.
`key1`	`""` (Empty string)
`key2`	`""` (Empty string)

	iv	The initialization vector used in the AES encryption
	doc	The encrypted text of the JSON object containing the records of the matching benefit packages. Sample XML text and the DTD of the XML text is shown below.

Sample JSON input payload:

```
{"serieslhionos": ["1","2"]}
```

Sample encrypted output value:


```
{
    "result": {
    "docMimeType": "text/xml",
    "hash": "dc8f4d74d977dfe701c0c9bbca0678300540591fac928f71a3841317e7a99aec",
    "key1": "",
    "key2": "",
    "iv": "y1jPMxvQE2aJPVnqqn1pDQ==",
    "doc": "PMs1FWFZT+odAp0qf2zManmroSUr3lYgDFnhYeJqBkuhJNMJU5geEN=="
  },
    "success": true,
    "message": ""
}
```


Sample decrypted result value:


```
{
      "CLAIMS": [
            {
                  "STATUS": {
                        "CLAIM": {
                              "TRAIL": {
                                    "PROCESS": [
                                          {
                                                "pProcessStage": "VALIDATION",
                                                "pProcessDate": "07-25-2012"
                                          },
                                          {
                                                "pProcessStage": "EDITING",
                                                "pProcessDate": "07-25-2012"
                                          },
                                          {
                                                "pProcessStage": "VALIDATION",
                                                "pProcessDate": "07-23-2012"
                                          },
                                          {
                                                "pProcessStage": "EDITING (RECEIVING)",
                                                "pProcessDate": "07-23-2012"
                                          },
                                          {
                                                "pProcessStage": "ENCODING",
                                                "pProcessDate": "07-23-2012"
                                          },
                                          {
                                                "pProcessStage": "RECEIVING",
                                                "pProcessDate": "07-23-2012"
                                          }
```

```
                        ]
                    },
                    "pClaimSeriesLhio": "120723190000119",
                    "pPin": "190892937993",
                    "pPatientLastName": "LASTNAME",
                    "pPatientFirstName": "FIRSTNAME",
                    "pPatientMiddleName": "MIDDLENAME",
                    "pPatientSuffix": "",
                    "pAdmissionDate": "05-02-2012",
                    "pDischargeDate": "05-06-2012",
                    "pClaimDateReceived": "05-15-2012",
                    "pClaimDateRefile": "",
                    "pStatus": "IN PROCESS"
                },
                "pAsOf": "07-25-2012",
                "pAsOfTime": "04:46:23PM"
        }
    },
    {
        "STATUS": {
            "CLAIM": {
                "TRAIL": {
                    "PROCESS": [
                        {
                            "pProcessStage": "VALIDATION",
                            "pProcessDate": "07-25-2012"
                        },
                        {
                            "pProcessStage": "EDITING",
                            "pProcessDate": "07-25-2012"
                        },
                        {
                            "pProcessStage": "VALIDATION",
                            "pProcessDate": "07-23-2012"
                        },
                        {
                            "pProcessStage": "EDITING (RECEIVING)",
                            "pProcessDate": "07-23-2012"
                        },
                        {
                            "pProcessStage": "ENCODING",
                            "pProcessDate": "07-23-2012"
                        },
                        {
                            "pProcessStage": "RECEIVING",
                            "pProcessDate": "07-23-2012"
                        }
                    ]
                },
                "pClaimSeriesLhio": "120723190000119",
                "pPin": "190592937994",
                "pPatientLastName": "LASTNAME",
                "pPatientFirstName": "FIRSTNAME",
                "pPatientMiddleName": "MIDDLENAME",
                "pPatientSuffix": "III",
                "pAdmissionDate": "05-02-2012",
                "pDischargeDate": "05-06-2012",
                "pClaimDateReceived": "05-15-2012",
                "pClaimDateRefile": "",
                "pStatus": "IN PROCESS"
            },
            "pAsOf": "07-25-2012",
            "pAsOfTime": "04:46:23PM"
        }
```

```
            }
        ]
}
```

11. Get Doctor PAN Method

A method that allows the caller to search for the case rate amounts with different applicable periods for target benefit packages.

Endpoint

`https://{pecws.domain}/PHIC/Claims3.0/getDoctorPAN`

Method

POST

Header

Key	Value
`token`	PECWS authentication token

JSON Payload

The body is in JSON format as encrypted using the cipher key of the Health Facility. The JSON object contains the following key-value pairs:

Key	Value
`lastname`	Health Care Professional Last Name
`firstname`	Health Care Professional First Name
`middlename`	Health Care Professional Middle Name
`suffix`	Health Care Professional Suffix Name
`birthdate`	Health Care Professional Birth Date (Date Format should be : 'MM-DD-YYYY')

Output

This method returns a JSON object with the key-value pairs described below:

Key	Value/Remarks
`success`	A value of 'true' indicates a successful operation
`message`	If an error was encountered during the execution of this method, this will contain the error message
`result`	The JSON object as the result of the encryption (using the cipher key of the health facility) of the JSON object containing the PAN of the submitted encrypted JSON input payload.

Key	Value/Remarks

docMimeType	"text/xml"
hash	The computed hash value of the unencrypted text.
key1	"" (Empty string)
key2	"" (Empty string)
iv	The initialization vector used in the AES encryption
doc	The encrypted text of the JSON object containing the PAN and the decrypted result is shown below.

Sample encrypted JSON input payload:

```
{
    "docMimeType": "text/xml",
    "hash": "dc8f4d74d977dfe701c0c9bbca067830054……",
    "key1": "",
    "key2": "",
    "iv": "y1jPMxvQE2aJPV……",
    "doc": "PMs1FWFZT+odAp0qf2zManmroSUr3lYgDF……..=="
  }
```

Sample decrypted JSON input payload:

```
{ "lastname":"LASTNAME",
 "firstname":"FIRSTNAME",
 "middlename":"MIDDLENAME",
 "suffix":"III",
 "birthdate":"01-01-1990"}
```

Sample encrypted JSON output payload:

```
{
   "message": "",
   "result": {
       "doc": "TxUkrmwTSKWuP……",
       "docMimeType": "text/xml",
       "hash": "dac3ccd4a4b726a3305c17c4df5efdda2a9273724ac……",
       "iv": "I/yCJcJG3ZAe2NNmR……",
       "key1": "",
       "key2": ""
   },
   "success": true
}
```

Sample decrypted result JSON output payload:

```
{"pan":"0000-0000000-0"}
```

12. Get Member PIN Method

A method that allows the caller to search for the case rate amounts with different applicable periods for target benefit packages.

Endpoint

`https://{pecws.domain}/PHIC/Claims3.0/getMemberPIN`

Method

POST

Header

Key	Value
`token`	PECWS authentication token

JSON Payload

The body is in JSON format as encrypted using the cipher key of the Health Facility. The JSON object contains the following key-value pairs:

Key	Value
`lastname`	Member Last Name
`firstname`	Member First Name
`middlename`	Member Middle Name
`suffix`	Member Suffix Name
`birthdate`	Member Birth Date (Date Format should be : 'MM-DD-YYYY')

Output

This method returns a JSON object with the key-value pairs described below:

Key	Value/Remarks
`success`	A value of 'true' indicates a successful operation
`message`	If an error was encountered during the execution of this method, this will contain the error message
`result`	The JSON object as the result of the encryption (using the cipher key of the health facility) of the JSON object containing the PAN of the submitted encrypted JSON input payload.

Key	Value/Remarks
docMimeType	"text/xml"
hash	The computed hash value of the unencrypted text.
key1	"" (Empty string)
key2	"" (Empty string)
iv	The initialization vector used in the AES encryption
doc	The encrypted text of the JSON object containing the PIN and the decrypted result is shown below.

Sample encrypted JSON input payload:


```
{
    "docMimeType": "text/xml",
    "hash": "dc8f4d74d977dfe701c0c9bbca0678300540591….",
    "key1": "",
    "key2": "",
    "iv": "y1jPMxvQE2aJPV……",
    "doc": "PMs1FWFZT+odAp0qf2zManmroSUr3lYgDFnhYeJ……."
  }
```


Sample decrypted JSON input payload:


```
{
 "lastname":"LASTNAME",
 "firstname":"FIRSTNAME",
 "middlename":"MIDDLENAME",
 "suffix":"III",
 "birthdate":"01-01-1990"
}
```


Sample encrypted JSON output payload:


```
{
   "message": "",
   "result": {
       "doc": "TxUkrmwTSKWuP……",
       "docMimeType": "text/xml",
       "hash": "dac3ccd4a4b726a3305c17c4df5efdda2a9273724ac……",
       "iv": "I/yCJcJG3ZAe2NNmR……",
       "key1": "",
       "key2": ""
   },
   "success": true
}
```


Sample decrypted result JSON output payload:

{"pin":"000000000000"}

13. Get Uploaded Claims Map Method

A method that allows the caller to search for the case rate amounts with different applicable periods for target benefit packages.

Endpoint

`https://{pecws.domain}/PHIC/Claims3.0/getUploadedClaimsMap`

Method

GET

Header

Key	Value
`token`	PECWS authentication token

Parameter

Key	Value
`receiptTicketNumber`	The receipt ticket number is generated after calling the eClaimsUpload method

Output

This method returns a JSON object with the key-value pairs described below:

Key	Value/Remarks
`success`	A value of 'true' indicates a successful operation
`message`	If an error was encountered during the execution of this method, this will contain the error message
`result`	The JSON object as the result of the encryption (using the cipher key of the health facility) of the XML text containing the Receipt Ticket Number and other data about the processing of the submitted e-claim data.

Key	Value/Remarks
`docMimeType`	`"text/xml"`
`hash`	The computed hash value of the unencrypted text.
`key1`	`""` (Empty string)
`key2`	`""` (Empty string)
`iv`	The initialization vector used in the AES encryption

	doc	The encrypted text of the JSON object containing the records of the matching benefit packages. Sample XML text and the DTD of the XML text is shown below.

Sample encrypted result:


```
{
    "result": {
    "docMimeType": "text/xml",
    "hash": "dc8f4d74d977dfe701c0c9bbca0678300540591fac928f71a3841317e7a99aec",
    "key1": "",
    "key2": "",
    "iv": "y1jPMxvQE2aJPVnqqn1pDQ==",
    "doc": "PMs1FWFZT+odAp0qf2zManmroSUr3lYgDFnhYeJqBkuhJNMJU5geEN=="
  },
    "success": true,
    "message": ""
}
```


Sample decrypted result:


```
{
      "eCONFIRMATION": {
            "MAPPING": {
                  "pClaimNumber": "09-08-01-006",
                  "pPatientLastName": "LASTNAME",
                  "pPatientFirstName": "MARIA",
                  "pPatientMiddleName": "C",
                  "pPatientSuffix": "",
                  "pAdmissionDate": "08-25-2009",
                  "pDischargeDate": "08-25-2009",
                  "pClaimSeriesLhio": "090801990000199"
            },
            "pReceiptTicketNumber": "071311000005",
            "pHospitalCode": "300832",
            "pHospitalTransmittalNo": "3008321107000008",
            "pTotalClaims": "1",
            "pReceivedDate": "09-13-2009"
      }
}
```

14. Get Voucher Details Method

A method that allows the caller to search for the case rate amounts with different applicable periods for target benefit packages.

Endpoint

`https://{pecws.domain}/PHIC/Claims3.0/getVoucherDetails`

Method

GET

Header

Key	Value
`token`	PECWS authentication token

Parameter

Key	Value
`voucherNo`	Valid voucher number

Output

This method returns a JSON object with the key-value pairs described below:

Key	Value/Remarks
`success`	A value of 'true' indicates a successful operation
`message`	If an error was encountered during the execution of this method, this will contain the error message
`result`	The JSON object as the result of the encryption (using the cipher key of the health facility) of the XML text containing the Receipt Ticket Number and other data about the processing of the submitted e-claim data.

Key	Value/Remarks
`docMimeType`	`"text/xml"`
`hash`	The computed hash value of the unencrypted text.
`key1`	`""` (Empty string)
`key2`	`""` (Empty string)
`iv`	The initialization vector used in the AES encryption

	doc	The encrypted text of the JSON object containing the records of the matching benefit packages. Sample XML text and the DTD of the XML text is shown below.

Sample encrypted result:


```
{
    "result": {
    "docMimeType": "text/xml",
    "hash": "dc8f4d74d977dfe701c0c9bbca0678300540591fac928f71a3841317e7a99aec",
    "key1": "",
    "key2": "",
    "iv": "y1jPMxvQE2aJPVnqqn1pDQ==",
    "doc": "PMs1FWFZT+odAp0qf2zManmroSUr3lYgDFnhYeJqBkuhJNMJU5geEN=="
  },
    "success": true,
    "message": ""
}
```


Sample decrypted result:


```
{
      "VOUCHER": {
            "CLAIM": [
                  {
                        "CHARGE": [
                              {
                                    "pPayeeType": "C",
                                    "pPayeeCode": "2XX25",
                                    "pPayeeName": "DR. DJXXXXX XXX X. SXXX",
                                    "pRMBD": "0.00",
                                    "pDRUGS": "0.00",
                                    "pXRAY": "0.00",
                                    "pOPRM": "0.00",
                                    "pSPFee": "0.00",
                                    "pGPFee": "0.00",
                                    "pSURFee": "4000.00",
                                    "pANESFee": "0.00",
                                    "pGrossAmount": "4000.00",
                                    "pTaxAmount": "0.00",
                                    "pNetAmount": "4000.00"
                              },
                              {
                                    "pPayeeType": "C",
                                    "pPayeeCode": "3XX25",
                                    "pPayeeName": "DR. IXX OLXXXX A. CANXXXX",
                                    "pRMBD": "0.00",
                                    "pDRUGS": "0.00",
                                    "pXRAY": "0.00",
                                    "pOPRM": "0.00",
                                    "pSPFee": "0.00",
                                    "pGPFee": "0.00",
                                    "pSURFee": "0.00",
                                    "pANESFee": "1200.00",
```

```
                        "pGrossAmount": "1200.00",
                        "pTaxAmount": "0.00",
                        "pNetAmount": "1200.00"
                    },
                    {
                        "pPayeeType": "H",
                        "pPayeeCode": "30XX04",
                        "pPayeeName": "XXXX CITY XXXXXX HOSPITAL",
                        "pRMBD": "800.00",
                        "pDRUGS": "507.50",
                        "pXRAY": "994.40",
                        "pOPRM": "3490.00",
                        "pSPFee": "0.00",
                        "pGPFee": "0.00",
                        "pSURFee": "0.00",
                        "pANESFee": "0.00",
                        "pGrossAmount": "5791.90",
                        "pTaxAmount": "0.00",
                        "pNetAmount": "5791.90"
                    },
                    {
                        "pPayeeType": "M",
                        "pPayeeCode": "P192003617072",
                        "pPayeeName": "ALOXXX , BERNAXXX X",
                        "pRMBD": "0.00",
                        "pDRUGS": "2544.00",
                        "pXRAY": "141.00",
                        "pOPRM": "0.00",
                        "pSPFee": "0.00",
                        "pGPFee": "0.00",
                        "pSURFee": "0.00",
                        "pANESFee": "0.00",
                        "pGrossAmount": "2685.00",
                        "pTaxAmount": "0.00",
                        "pNetAmount": "2685.00"
                    }
                ],
                "pClaimSeriesLhio": "060516030019903",
                "pPin": "192003610605",
                "pPatientLastName": "ALOXXX",
                "pPatientFirstName": "BERNAXXX",
                "pPatientMiddleName": "B",
                "pPatientSuffix": "",
                "pAdmissionDate": "04-18-2006",
                "pDischargeDate": "04-20-2006",
                "pClaimDateReceived": "05-12-2006",
                "pClaimDateRefile": "",
                "pIsAdjustment": "F"
            },
            {
                "CHARGE": [
                    {
                        "pPayeeType": "C",
                        "pPayeeCode": "27XX2",
                        "pPayeeName": "DR. VIRXXX XX. X. DXXXO",
                        "pRMBD": "0.00",
                        "pDRUGS": "0.00",
                        "pXRAY": "0.00",
                        "pOPRM": "0.00",
                        "pSPFee": "0.00",
                        "pGPFee": "600.00",
                        "pSURFee": "0.00",
                        "pANESFee": "0.00",
                        "pGrossAmount": "600.00",
```

```
                        "pTaxAmount": "0.00",
                        "pNetAmount": "600.00"
                    },
                    {
                        "pPayeeType": "H",
                        "pPayeeCode": "3XXX04",
                        "pPayeeName": "XXXX CITY XXXXX HOSPITAL",
                        "pRMBD": "2400.00",
                        "pDRUGS": "240.00",
                        "pXRAY": "671.25",
                        "pOPRM": "0.00",
                        "pSPFee": "0.00",
                        "pGPFee": "0.00",
                        "pSURFee": "0.00",
                        "pANESFee": "0.00",
                        "pGrossAmount": "3311.25",
                        "pTaxAmount": "0.00",
                        "pNetAmount": "3311.25"
                    },
                    {
                        "pPayeeType": "M",
                        "pPayeeCode": "P19200XX31034",
                        "pPayeeName": "ANDXXX , CONCHXXX X",
                        "pRMBD": "0.00",
                        "pDRUGS": "1157.50",
                        "pXRAY": "863.00",
                        "pOPRM": "0.00",
                        "pSPFee": "0.00",
                        "pGPFee": "0.00",
                        "pSURFee": "0.00",
                        "pANESFee": "0.00",
                        "pGrossAmount": "2020.50",
                        "pTaxAmount": "0.00",
                        "pNetAmount": "2020.50"
                    }
                ],
                "pClaimSeriesLhio": "060516030031234",
                "pPin": "192005981034",
                "pPatientLastName": "ANDXXX",
                "pPatientFirstName": "CONCHXXX",
                "pPatientMiddleName": "XXXX",
                "pPatientSuffix": "",
                "pAdmissionDate": "04-21-2006",
                "pDischargeDate": "04-27-2006",
                "pClaimDateReceived": "05-12-2006",
                "pClaimDateRefile": "",
                "pIsAdjustment": "F"
            }
        ],
        "SUMMARY": {
            "PAYEE": [
                {
                    "pPayeeType": "C",
                    "pPayeeCode": "30XX04",
                    "pPayeeName": "HC- XXXX CITY XXXXX HOSPITAL ",
                    "pRMBD": "0.00",
                    "pDRUGS": "0.00",
                    "pXRAY": "0.00",
                    "pOPRM": "0.00",
                    "pSPFee": "0.00",
                    "pGPFee": "600.00",
                    "pSURFee": "4000.00",
                    "pANESFee": "1200.00",
                    "pGrossAmount": "5800.00",
```

```
                        "pTaxAmount": "0.00",
                        "pNetAmount": "5800.00",
                        "pCheckNo": "0000XXX429",
                        "pCheckDate": "06-19-2006"
                },
                {
                        "pPayeeType": "H",
                        "pPayeeCode": "30XX04",
                        "pPayeeName": "XXXX CITY XXXXX HOSPITAL",
                        "pRMBD": "3200.00",
                        "pDRUGS": "747.50",
                        "pXRAY": "1665.65",
                        "pOPRM": "3490.00",
                        "pSPFee": "0.00",
                        "pGPFee": "0.00",
                        "pSURFee": "0.00",
                        "pANESFee": "0.00",
                        "pGrossAmount": "9103.15",
                        "pTaxAmount": "0.00",
                        "pNetAmount": "9103.15",
                        "pCheckNo": "0000XXX430",
                        "pCheckDate": "06-19-2006"
                },
                {
                        "pPayeeType": "M",
                        "pPayeeCode": "P1920XX987072",
                        "pPayeeName": "ALOXXX , BERNXXXX X",
                        "pRMBD": "0.00",
                        "pDRUGS": "2544.00",
                        "pXRAY": "141.00",
                        "pOPRM": "0.00",
                        "pSPFee": "0.00",
                        "pGPFee": "0.00",
                        "pSURFee": "0.00",
                        "pANESFee": "0.00",
                        "pGrossAmount": "2685.00",
                        "pTaxAmount": "0.00",
                        "pNetAmount": "2685.00",
                        "pCheckNo": "0000XXX431",
                        "pCheckDate": "06-19-2006"
                },
                {
                        "pPayeeType": "M",
                        "pPayeeCode": "P1920XX731034",
                        "pPayeeName": "ANXXXX , CONXXXXX X",
                        "pRMBD": "0.00",
                        "pDRUGS": "1157.50",
                        "pXRAY": "863.00",
                        "pOPRM": "0.00",
                        "pSPFee": "0.00",
                        "pGPFee": "0.00",
                        "pSURFee": "0.00",
                        "pANESFee": "0.00",
                        "pGrossAmount": "2020.50",
                        "pTaxAmount": "0.00",
                        "pNetAmount": "2020.50",
                        "pCheckNo": "0000XXX432",
                        "pCheckDate": "06-19-2006"
                }
        ],
        "pTotalAmount": "19608.65",
        "pNumberOfClaims": "2"
},
"pVoucherNo": "201-062001-06I03",
```

```
            "pVoucherDate": "06-14-2006"
        }
}
```

15. Is Doctor Accredited Method

A method that allows the caller to search for the case rate amounts with different applicable periods for target benefit packages.

Endpoint

`https://{pecws.domain}/PHIC/Claims3.0/isDoctorAccredited`

Method

POST

Header

Key	Value
`token`	PECWS authentication token

JSON Payload

JSON object containing the following key-value pairs

Key	Value
`accrecode`	Health Care Professional Accreditation Number
`admissiondate`	Date of Admission (Date Format should be : 'MM-DD-YYYY')
`dischargedate`	Date of Discharge (Date Format should be : 'MM-DD-YYYY')

Output

This method returns a JSON object with the key-value pairs described below:

Key	Value/Remarks
`success`	A value of 'true' indicates a successful operation
`message`	If an error was encountered during the execution of this method, this will contain the error message
`result`	The JSON object as the result of the encryption (using the cipher key of the health facility) of the XML text containing the Receipt Ticket Number and other data about the processing of the submitted e-claim data.

Key	Value/Remarks

isaccredited	
accrecode	Health Care Professional Accreditation Number
admissiondate	Date of Admission (Date Format : 'MM-DD-YYYY')
dischargedate	Date of Discharge (Date Format : 'MM-DD-YYYY')
accreditation start	Date of Start of Accreditation (Date Format : 'MM-DD-YYYY')
accreditation end	Date of End of Accreditation (Date Format : 'MM-DD-YYYY')

Sample JSON input payload:

```
{
        "accrecode":"1234567890",
        "admissiondate":"01-01-1990",
        "dischargedate":"01-01-1990"
}
```

16. Search Employer Method

A method that allows the caller to search for the case rate amounts with different applicable periods for target benefit packages.

Endpoint

`https://{pecws.domain}/PHIC/Claims3.0/searchEmployer`

Method

POST

Header

Key	Value
`token`	PECWS authentication token

JSON Payload

JSON object containing the following key-value pairs

Key	Value
`philhealthno`	PhilHealth Employer Number
`employername`	PhilHealth Employer Name

Output

This method returns a JSON object with the key-value pairs described below:

Key	Value/Remarks
`success`	A value of 'true' indicates a successful operation
`message`	If an error was encountered during the execution of this method, this will contain the error message
`result`	The JSON object as the result of the encryption (using the cipher key of the health facility) of the XML text containing the Receipt Ticket Number and other data about the processing of the submitted e-claim data.

Key	Value/Remarks
`docMimeType`	`"text/xml"`
`hash`	The computed hash value of the unencrypted text.
`key1`	`""` (Empty string)
`key2`	`""` (Empty string)

	iv	The initialization vector used in the AES encryption
	doc	The encrypted text of the JSON object containing the records of the matching benefit packages. Sample XML text and the DTD of the XML text is shown below.

Sample JSON input:

```
{

    "PEN": “123456789012,
    "employerName": "EMP1"
}
```

Sample JSON output:

```
{
    "result": {
    "docMimeType": "text/xml",
    "hash": "dc8f4d74d977dfe701c0c9bbca0678300540591fac928f71a3841317e7a99aec",
    "key1": "",
    "key2": "",
    "iv": "y1jPMxvQE2aJPVnqqn1pDQ==",
    "doc": "PMs1FWFZT+odAp0qf2zManmroSUr3lYgDFnhYeJqBkuhJNMJU5geEN=="
  },
    "success": true,
    "message": ""
}
```

Sample decrypted result:

```
{
      "eEMPLOYERS": {
            "employer": [{
                  "pPEN": "123456789012",
                  "pEmployerName": "EMP1",
                  "pEmployerAddress": "EMP1"
            },
        {
                  "pPEN": "123456789013",
                  "pEmployerName": "EMP2",
                  "pEmployerAddress": ""
            }],
            "ASOF": "01-01-2024"
      }
}
```

17. Get DB Server Date Time Method

A method that allows the caller to search for the case rate amounts with different applicable periods for target benefit packages.

Endpoint

`https://{pecws.domain}/PHIC/Claims3.0/getDBServerDateTime`

Method

GET

Header

Key	Value
`token`	PECWS authentication token

Output

This method returns a JSON object with the key-value pairs described below:

Key	Value/Remarks
`success`	A value of 'true' indicates a successful operation
`message`	If an error was encountered during the execution of this method, this will contain the error message
`result`	The JSON Array containing the following key-value pairs

Key	Value/Remarks
`server`	Database Server
`dateTime`	Database current date and time
`remarks`	

Sample JSON output:


```
{
    "result": [{
                    "server": "DB Server 1",
                    "datetime": "01-01-2024 01:20:20 PM",
                    "remarks": ""
                },
                {
                    "server": "DB Server 2",
                    "datetime": "01-01-2024 01:20:20 PM",
                    "remarks": ""
                }],
    "success": true,
    "message": ""
}
```

18. Get Server Date Time Method

A method that allows the caller to search for the case rate amounts with different applicable periods for target benefit packages.

Endpoint

`https://{pecws.domain}/PHIC/Claims3.0/getServerDateTime`

Method

GET

Header

Key	Value
`token`	PECWS authentication token

Output

This method returns a JSON object with the key-value pairs described below:

Key	Value/Remarks
`success`	A value of 'true' indicates a successful operation
`message`	If an error was encountered during the execution of this method, this will contain the error message
`result`	The JSON Object containing the following key-value pairs

Key	Value/Remarks
`server`	Database Server
`dateTime`	Database current date and time
`remarks`	

Sample JSON output:

```
{
    "result": {
                    "server": "DB Server 1",
                    "datetime": "01-01-2024 01:20:20 PM",
                    "remarks": ""
                }
    "success": true,
    "message": ""
}
```

19. Get Server Version Method

A method that allows the caller to search for the case rate amounts with different applicable periods for target benefit packages.

Endpoint

`https://{pecws.domain}/PHIC/Claims3.0/getServerVersion`

Method

GET

Header

Key	Value
`token`	PECWS authentication token

Output

This method returns a JSON object with the key-value pairs described below:

Key	Value/Remarks
`success`	A value of 'true' indicates a successful operation
`message`	If an error was encountered during the execution of this method, this will contain the error message
`result`	PECWS Version

Sample JSON output:

```
{
    "result": "PECWS 3.0",
    "success": true,
    "message": ""
}
```

20. Is Claim Eligible Method

A method that allows the caller to search for the case rate amounts with different applicable periods for target benefit packages.

Endpoint

`https://{pecws.domain}/PHIC/Claims3.0/isClaimEligible`

Method

POST

Header

Key	Value
token	PECWS authentication token

JSON Payload

The body is in JSON format as encrypted using the cipher key of the Health Facility. The JSON object contains the following key-value pairs:

Key	Value
hospitalCode	Accreditation number of the health facility
isForOPDHemodialysisClaim	If the purpose of checking eligibility is for hemodialysis claim. Indicate "Y" for Yes and "N" for No.
memberPIN	PIN or PhilHealth Identification Number is an identification number issued by PhilHealth to the member
memberBasicInformation	Basic Information
patientIs	*Flag whether patient is the member or if dependent the relationship of patient with the member.* *'M' – patient is member (Self)* *'S' – patient is spouse* *'C' – patient is child* *'P' – patient is parent*
admissionDate	Refer to the admission date. The format should be "MM-DD-YYYY"
patientPIN	The PIN to the patient. It is either member or dependent PIN.
PatientBasicInformation	Basic Information
pEN	The PhilHealth issued number to the employer of the member
employerName	Applicable only if the member is employed. Refer to the employer's name of the member.
isFinal	An indicator if the call for eligibility checking is final. Indicate "1" for final and "0" for not final.

Basic Information

Key	Value
lastname	The last name of the member or patient
firstname	The first name of the member or patient

middlename	The middle name of the member or patient
maidenname	The maiden name of the member or patient
suffix	The suffix or extension name of the member or patient
sex	The sex of the member or patient (M=for Male and F=for Female)
dateOfBirth	The date of birth of the member or patient. Format should be “MM-DD-YYYY"

Output

This method returns a JSON object with the key-value pairs described below:

Key	Value/Remarks
success	A value of ‘true’ indicates a successful operation
message	If an error was encountered during the execution of this method, this will contain the error message
result	An encrypted JSON object which contains the following key-value pairs

Key	Value/Remarks
docMimeType	"text/xml"
hash	The computed hash value of the unencrypted text.
key1	"" (Empty string)
key2	"" (Empty string)
iv	The initialization vector used in the AES encryption
doc	The encrypted text of the JSON object containing the detailed result of the PBEF inquiry.

When decrypted, the JSON object contains the following key-value pairs

Key	Value/Remarks
isok	Eligibility response (YES | NO)
referenceno	Reference number for printing PBEF
trackingno	Tracking number
asof	Response Date

Sample encrypted JSON input payload:


```
{
    "result": {
    "docMimeType": "text/xml",
    "hash": "dc8f4d74d977dfe701c0c9bbca0678300540591fac928f71a3841317e7a99aec",
    "key1": "",
    "key2": "",
    "iv": "y1jPMxvQE2aJPVnqqn1pDQ==",
    "doc": "PMs1FWFZT+odAp0qf2zManmroSUr3lYgDFnhYeJqBkuhJNMJU5geEN=="
  }
```


Sample decrypted JSON input payload:


```
{"hospitalCode":"",
  "isForOPDHemodialysisClaim":"",
  "memberPIN":"",
  "memberBasicInformation":{"lastname":"",
  "firstname":"",
  "middlename":"",
  "maidenname":"",
  "suffix":"",
  "sex":"",
  "dateOfBirth":""},
  "patientIs":"",
  "admissionDate":"",
  "patientPIN":"",
  "patientBasicInformation":{"lastname":"",
  "firstname":"",
  "middlename":"",
  "maidenname":"",
  "suffix":"",
  "sex":"",
  "dateOfBirth":""},
  "membershipType":"",
  "pEN":"",
  "employerName":"",
  "isFinal":""}
```


Sample JSON output:


```
{
    "result": {
                    "docMimeType":"text/xml",
                    "hash": "dc8f4d74d977dfe701c0c9bbca06783005405",
                    "key1": "",
                    "key2": "",
                    "iv": "y1jPMxvQE2aJPVnqqn",
                    "doc": " odAp0qf2zManmroSUr3lYgDFnhYeJqBkuhJNMJU5geEN=="
              }
    "success": true,
    "message": ""
}
```


Note: Decrypt the result which is an encrypted base64 PDF document. You may render it as shown below.

```
<embed src="data:application/pdf;base64,decrypted_base64_value_here"
type="application/pdf" />
```

21. Generate PBEF PDF Method

A method that allows the caller to search for the case rate amounts with different applicable periods for target benefit packages.

Endpoint

`https://{pecws.domain}/PHIC/Claims3.0/generatePBEFPDF`

Method

POST

Header

Key	Value
`token`	PECWS authentication token

Parameter

Key	Value
`accreno`	Health facility accreditation number
`referenceno`	PBEF reference number from isClaimEligible method

Sample JSON Input Payload

```
{
	"accreno": "",
	"referenceno": ""
}
```

Output

This method returns a JSON object with the key-value pairs described below:

Key	Value/Remarks
`success`	A value of 'true' indicates a successful operation
`message`	If an error was encountered during the execution of this method, this will contain the error message
`result`	An encrypted JSON object which contains the following key-value pairs **Key** / **Value/Remarks** `docMimeType` / `"text/xml"` `hash` / The computed hash value of the unencrypted text.

key1	"" (Empty string)
key2	"" (Empty string)
iv	The initialization vector used in the AES encryption
doc	The encrypted text of the JSON object containing the detailed result of the PBEF inquiry.

When decrypted, it contains a base64 string representation of a PDF document. You may render the PDF using any base64 renderer.

Example:

```
<embed src="data:application/pdf;base64,decrypted_base64_value_here"
       type="application/pdf" />
```

Sample JSON output:


```
{
    "result": {
                    "docMimeType":"text/xml",
                    "hash": "dc8f4d74d977dfe701c0c9bbca06783005405",
                    "key1": "",
                    "key2": "",
                    "iv": "y1jPMxvQE2aJPVnqqn",
                    "doc": " odAp0qf2zManmroSUr3lYgDFnhYeJqBkuhJNMJU5geEN=="
               }
    "success": true,
    "message": ""
}
```

Annex A

Guidelines for the Data Encryption Using the Cipher Key of the Health Facility

Data will be encrypted using AES-256-CBC algorithm. PhilHealth issues a *cipher key* to the health facility for each certified software. The cipher key is to be used in generating the secret key for the AES encryption. System developlers of service providers/health facilities may use their preferred programming language and tools for the data encryption/decryption.

```
{
        "docMimeType": "{MIME type of the data}",
        "hash": "{SHA-256 hash of the data before encryption}",
        "key1": "",
        "key2": "",
        "iv": "{The initialization vector encoded as base-64 string}",
        "doc": "{The encrypted data encoded as base-64 string}"
}
```

Figure 1: Sample Format/Layout of the Resulting Encrypted Data

1. Get the hash total of the data to be decrypted using SHA-256 hash algorithm. After decrypting the data, a new hash total can be computed using the same algorithm, which can then be compared to the original hash total generated before decryption. If the two hash totals match, the data integrity is preserved. However, if the hash totals do not match, the data may have been tampered with or corrupted during decryption.

2. Set the value of the secret key to be used for the AES encryption.

    a. Hash the given cipher key using SHA-256 algorithm.

    b. Use the first 32 bytes of the resulting hash value as the passphrase for the AES encryption.

    c. If the length of the resulting hash value is less than 32 bytes, pad the hash value with null character (with hexadecimal value of ‘0x00’) to have a value having 32 bytes.

3. Prepare the initialization vector (IV) to be used

    a. Generate an array of random 16 bytes (for a total of 128 bits).

    b. Encode the array of bytes as base 64 string

4. Encrypt the data

    a. Convert the data as array of bytes

    b. Encrypt the data using AES encryption using the values the array of bytes of the password, the IV and the data. Pad the data with null character (with hexadecimal value of ‘0x00’) if it is not a multiple of 16 bytes.

c. Encode the resulting encrypted array of bytes as base-64 string.

5. Build the JSON string of the encrypted data using the following names and their corresponding values:

    a. `docMimeType`: The value for this key will be the MIME type of the target data. For example, if the target data is a string in JSON format, the value for this key should be "`application/json`".

    b. `hash`: Use the resulting value of Step #1 as the value of this key

    c. `key1`: Set the value of this key as empty string.

    d. `key2`: Set the value as empty string.

    e. `iv`: Use the resulting value of Step #3.b as the value of this key

    f. `doc`: Use the resulting value of Step #4.c as the value of this key

Annex B-F

Please go to the link below:

https://philhealthho-my.sharepoint.com/:f:/g/personal/razong_philhealth_gov_ph/EjeBzzcovntIgaUCFYDAAXQB2C4ozPvZsYDljnemzD_DaQ?e=gfeA52