

# **System Requirement Specification (SRS)**

## ***e*-PEMS - *e*DATS Integration**

**Ministry of Finance**

**Department of Public Accounts**

**November 2022**

### Revision History

Date	Version	Description	Author
11 August 2022 - 22 Nov 2022	1.0	First draft	Kinzang Norbu, Dy. Chief Finance Officer, DPA  Shyam Kumar Rai, Sr. Finance Officer, DPA  Sonam Tashi, Sr. Finance Officer, MoEA  Samuel Pradhan, ICT Officer, MoF  Phurpa Wangdi, ICT Officer, MoF  Achut Nepal, ICT Officer, MoF  Tshering Pem, Accounts Asst. Supreme Court  Sonam Lhamo, Accounts Asst. Thimphu Dz.

## **Introduction (About ePEMS, eDATS and Integration)**

The Ministry of Finance with the view to strengthen the Public Financial Management developed a digital electronic Public Expenditure Management System (e-PEMS). ePEMS facilitates online accounting and payment systems for promoting cashless and digital payments in the country by improving the efficiency of its process, consistency, and quality. It operates in calibration with RMA's BIRT (Bhutan Inter-Bank Real Time Fund Transfer System) payment system, a platform which complements and supports the settlement of interbank transactions.

Similarly, in an effort to leverage the use of ICT technology developed a digital electronic Daily Allowance and Travel System (eDATS), an online travel authorization and claims system.

Following this, the Ministry has initiated integration between ePEMS and eDATS. Integrating between the two systems involves the process of uniting all virtual components into a single cohesive infrastructure to ensure that all the individual pieces of data stored work as a whole. Virtual components consist of all the data that is stored in software, applications and databases. The primary reason for integrating between ePEMS and eDATs is to enhance communication between the two systems that work together in harmony while processing the TADA claims by boosting productivity and enhancing the quality of day-to-day operations. System integration helps accelerate the outflow of information and cut back on operational costs.

## **Actions for Integration (Scope)**

- ❖ Payroll Department
- ❖ Registration of Employee
  - Non Employee (General Public)
  - Promotion
  - Demotion
  - Transfer
- ❖ Travel authorisation for advance & PI for advance payment
- ❖ Travel claim / Payment & PI for TA claim
- ❖ Reports
  - New reports in e-PEMS
  - New reports in eDATS

## Technical Specifications (e-PEMS & eDATS)

**eDATS:** Built using laravel framework.

Language:php

Database:Mysql

Server: ubuntu Linux.

**e-PEMS:**Built on ASP.NET platform.

Language: c#

Database:Mysql

Server:window Server.

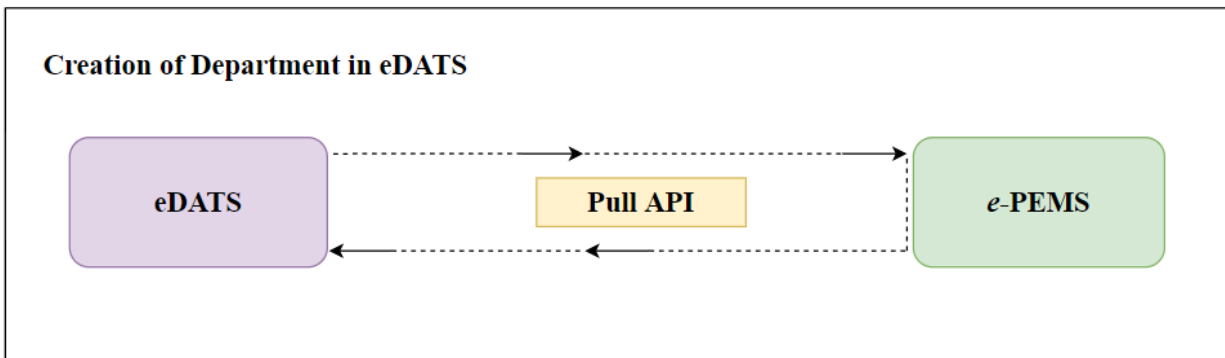
## **Data synchronization e-PEMS and eDATS**

There should be data synchronization or mapping between e-PEMS and eDATS. This info is for the current employee data which are in eDATS. Some of which are;

1. Payroll Department at ePEMS should be mapped to the Department in eDATS.
2. Employee details in ePEMS should match with the employees details in eDATS for the existing employees.
- 3.

## 1. Payroll Department

### Data Exchange Methodology



#### e-PEMS (General Changes)

The existing ePEMS will be mapped to the eDATS. Only the new payroll departments in ePEMS needs to be mapped to eDATS. There will be multiple payroll departments in ePEMS as there is restriction of about 100 employees for disbursement of salary, where as in eDATS it is not. So multiple payroll departments can be mapped to one department in eDATS.

1. Payroll Department will be created in e-PEMS as normal but We are not going to push these details to eDATS rather we are going to pull the data from ePEMS to the eDATS as mentioned in the diagram above.

#### Flow

1. Payroll Department: eDATS (consumption) will search the payroll department “Master Department” in ePEMS and check the existing data in eDATS. The payroll departments that are not mapped to eDATS will be pulled to eDATS. The data are payroll department code, administrative unit, administrative name, department/sector name, workcharge, Account number ID, the following data will pull through API by eDATS from e-PEMS Master Employee Table:  
CID, Bank Account Number, Position Level, Position Title, EID, TPN, Employee Type, Payroll Department

#### eDATS (General Changes)

1. Payroll Department: The Master Admin in eDATS should be able to search any new department added in ePEMS from the add new department screen.
2. The existing payroll department of ePEMS and eDATS will be mapped manually.

3. The user interface for the new payroll department is shown below.

### **User Interface for New Department in eDATS**

**New Department/Sector**

Search New Payroll Department

Drop Down for Payroll Departments

Department of Finance  
Division of Payment  
Human Resource Div  
MDP (Work Charge)

AU Category: AUTONOMOUS

Administrative Unit: GROSS NATIONAL HAPPINESS COMMISSION

Dept/Sector ID: 2331

Dept/Sector Code: Code

Dept/Sector Name: Drop Down for Existing Departments v

Account No. ID: 768

Save

Department of Finance  
Department of Public Accounts  
Department of National Budget  
Department of National Property  
New Department

*Annotations:*  
AU Category and Name should be pulled from e-PEMS while searching  
ID, Code and Acc ID should appear for existing Departments when selected and auto generate for New Department

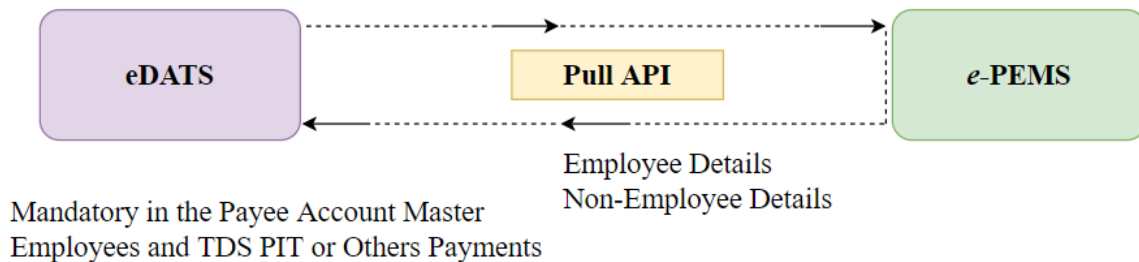
- 1) Search Button : By Clicking on the search button, all payroll departments (Active only) should be pulled to eDATS. It should then check whether the payroll departments are mapped to the Departments in eDATS. Only unmapped payroll departments will be displayed in the drop down for payroll departments like in the third box in the UI above.
- 2) AU Category & AU Name : The AU Category and AU Name should be pulled from the e-PEMS while search for the payroll Department and accordingly displayed.
- 3) ID generation by eDATS : The Dept ID, Dept Sector code and Acc No ID may be generated as per eDATS.
- 4) Drop Down for Existing Departments : In the drop down menu for existing departments, the existing departments shall be displayed followed the option for creating new Department.
  - a) While Clicking the new Department option, the name for new department should be editable "Department of Finance".
  - b) Like sl. Above 3 above, IDs and code should be auto generated.



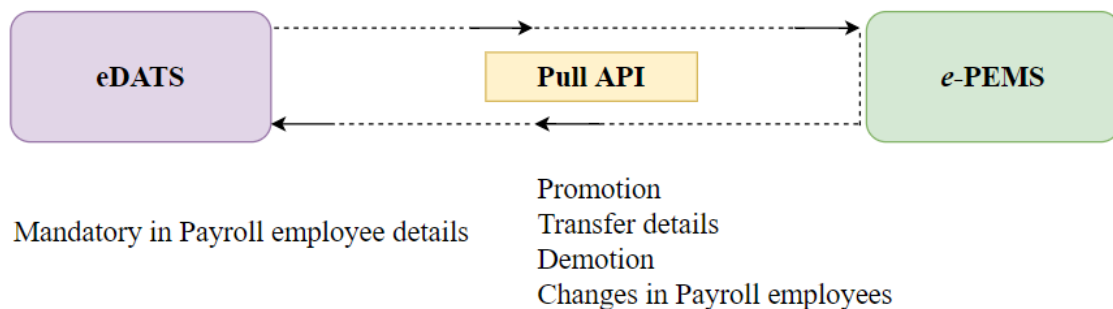
## 2. Registration of Employee

### Data Exchange Methodology

#### 1. Employee Registration in eDATS



#### 2. Updattion through User Click



#### e-PEMS (General Changes)

1. When a person is appointed in the civil service, his/her details like TPN, CID, EID, Bank Account Number have to be submitted to the Finance Section/Accounts Section for registration. The agencies will send requests to update in Payee Account Master in the e-PEMS system to DPA. After updating the Payee Account Master then agencies will add the employees in the payroll department respectively. We are not going to push these details to eDATS rather we are going to pull the data from ePEMS to the eDATS as mentioned in the diagram above.
2. Non Public Employees: When non public claimees attend the Govt Workshop /Training / Seminars, his/her details like TPN, CID, EID, Bank Account Number have to be submitted to the Finance Section/Accounts Section for registration. The agencies will send requests to update in the Payee Account Master under TDS PIT or under Others Payment (without TPN)

in the e-PEMS. We are not going to push these details to eDATS rather we are going to pull the data from ePEMS to the eDATS as mentioned in the diagram above.

3. Employee Details Update: The employee details like promotion, transfer, demotion all to be updated in e-PEMS. We are not going to push these details to eDATS rather we are going to pull the data from ePEMS to the eDATS as mentioned in the diagram above.

#### Flow

1. Employee Registration : eDATS (consumption) the following data shall be pulled through API by eDATS from e-PEMS Master Employee Table:  
CID, EID, TPN, Employee Name, Bank, Bank Branch, Bank Account Number, Position Level, Position Title,, Employee Type and Payroll Department.
2. Non Employee Registration : eDATS (consumption) the following data shall be pulled through API by eDATS from e-PEMS Master Employee Table or the ePEMS Payee Account Masters TDS PIT Table:  
CID, TPN, Employee Name, Bank, Bank Branch and Bank Account Number.
3. Employee Details Update: In the eDATS screen, the employee details are displayed. The employee shall check his details and if the details are not updated, he shall have the details to update by click the option "Update"

#### eDATS (General Changes)

1. Employee / Non Employee Registration: An employee shall apply for registration for the first time, system shall pull details from e-PEMS as per user input (CID). If the employee data is not available in the Master Table of e-PEMS (Pop up message-Employee is not available in e-PEMS)
4. Employee details display: The Position Level shall be displayed in addition to the existing information on the dashboard.  
  
There shall be an update "button" on the user dashboard to update their data by fetching automatically from the Master Employee Table. This is when the user finds that their data is not updated (Promotion, Transfer, Demotion, etc.). There shall be message box "data updated". On the update button, the pull API shall be linked to the employee masters.

## User Interface for Employee / Non Employee Registration in eDATS

The screenshot displays the 'Registration' form in the eDATS system. The form includes the following fields and annotations:

- CID/WP Number:** 10811000531. An annotation points to this field: "Search the employee details in ePEMS and pull the details. Name, EID and email will be visible."
- Name:** Kinzang Norbu
- Employee ID:** 200701128
- E-Mail Address:** kinzangn@mof.gov.bt. An annotation points to this field: "If details are not available in ePEMS Employees, the API to check the details in TDS PIT 1. EID and email will be empty if pulled from TDS PIT and the box will be writable."
- Password:** (Empty field)
- Confirm Password:** (Empty field)
- Register Button:** A blue button at the bottom right of the form.

At the bottom left, a red text box states: "If no details are available under Employees and TDS PIT, a message 'Details not available under ePEMS, please contact your accounts focal to update your details under ePEMS'".

- 1) CID text box : By Clicking on the CID text box, it shall check / pull the following:
  - a) The system shall first check if the employee exists in the eDATS database and if so, a message "employee already registered" shall be displayed.
  - b) Second and thereafter the API will first search the employee details in the ePEMS and the relevant datas will be pulled. Name, EID and email will be displayed on the screen with the option for password.
  - c) If the employee details are not available under employee master in ePEMS, then the API shall check the TDS PIT masters and display Name only however other records will be pulled simultaneously. The EID and email shall be writable by the user.
  - d) The message "Details not available under ePEMS, please contact your accounts focal to update your details under ePEMS" shall be displayed if employee is unavailable under employee or TDS PIT.

## User Interface for Employee Dashboard in eDATS

HOME PROCESS TRAVEL REPORT 12-2-2023

## Dashboard

You are logged in!

### GENERAL

Name: Kinzang Norbu  
 EMP/CIDWP: 200701128/10811000531  
 Designation: Deputy Chief Finance Officer  
 Organization: DEPARTMENT OF PUBLIC ACCOUNTS / DEPARTMENT OF PUBLIC ACCOUNTS MOF, DEPARTMENT OF PUBLIC ACCOUNTS  
 Bank :  
 Bank Branch :  
 Bank Account Number :  
 Employee Category :

Position Level : →

EDIT

The Dashboard in the eDATS is proposed as the details of the employee, or we can call it the employee dashboard with the details that are visible to the eDATS user. We do not need much changes here except;

- 1) Position level : The position level is to be displayed.
- 2) Bank, Branch and account number : The Bank details like the name of the Bank, Branch and the Bank account no, are all pulled from the ePEMS. For the existing employees with no bank details, it can be empty.
- 3) Employee category : Employee Category can be pulled from the GPS / ePEMS.

However for the TDS PIT category, it should be editable.

While clicking on the edit button, it should link to the employee details update page like mention below.

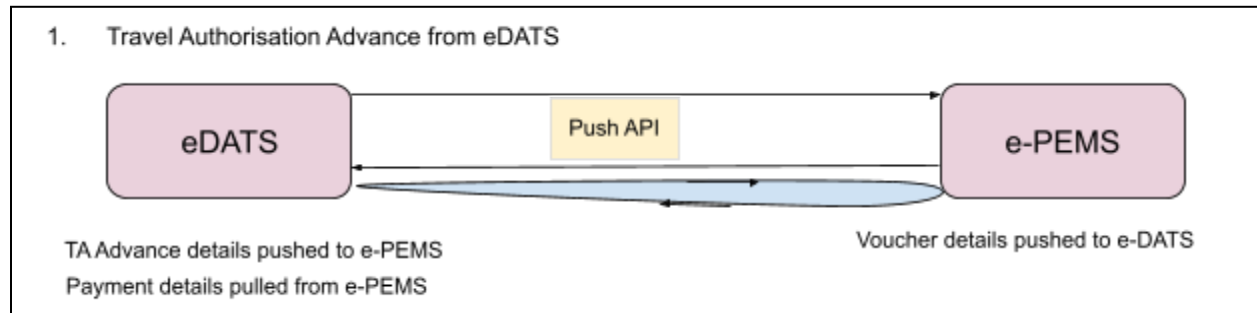
### ***User Interface for Employee details update in eDATS***



The employee shall be alerted to change the details with the exiting info displayed from the eDATS and the available info from the e-PEMS. The option of saving the data or not shall vest with the employee.

### 3. Travel Authorisation for Advance & PI for Advance Payment

#### Data Exchange Methodology



#### e-PEMS (General Changes)

There shall be a temporary table for the pushed data from the ePEMS which shall be named *eDATStaadvance*. The push API will be pushing the data as and when it is verified after approval in the eDATS. The table shall contain the parameters TPN, CID, Name, Advance Amount and Purpose. Under the transaction category “advance payment”, when the details are added, simultaneous with the party selection, then the advance amount shall be pulled from the temporary table. After the voucher is saved, the said detail can be updated as pulled and not available for further pull option. There shall also be an push API where the details of the voucher will be pushed to eDATS corresponding to the TA Advance.

#### Flow

eDATS : eDATS will push the following information TPN, CID, Name, Advance Amount, Purpose, TAF Number to e-PEMS temporary table named *eDATStaadvance*. Each transaction or data pushed shall be against an ID generated serially.

e-PEMS: While selecting the party, the ePEMS shall display all the details not pulled till now against the party selected (if two or more advance details are available). The e-PEMS user shall have the option to select the advance amount from the details displayed. It shall then push the voucher details like VID, voucher date to the eDATS.

#### eDATS (General Changes)

There shall be no specific changes required to be initiated at the eDATS however there shall be an push API when the TA advance is approved and verified.

Based on the VID information received from the ePEMS and stored in the eDATS, a scheduler shall run every night to pull the PI details available and accordingly get updated in the eDATS from the

ePEMS.

### User Interface for eDATS Notification in e-PEMS



The screenshot displays the e-PEMS user interface with a table of data. The header is the same as the previous screenshot. The navigation bar is the same. The sidebar is the same. The main content area shows a green box with the text "Notifications from eDATS". Below this is a table with the following data:

Employee Name	Employee ID	CID	TPN	Position Title	Position Level	Agency Name - eDATS	eDATS Action	Amount	Verified Date
Kinzang Norbu	200700001	1000000001	KAP00001	Dy. Chief FO	P2	DTA	Travel Authorisation Advance	5000	14/11/22
Shyam Kumar	200700002	1000000002	KAP00002	Sr. FO	P3	DTA	Travel Authorisation Advance	1500	12/11/22
Daza	200700003	1000000003	KAP00003	Architect	P3	DHS	Travel Authorisation Advance	1500	13/11/22

There shall be a notification sub module under the notice module in the ePEMS. Here it will display the data sent from eDATS, currently TAAAdvance. The data sent from eDATS shall be stored in the temporary table and then it shall be pulled to this notification sub module. Once the data is pulled to the voucher, it shall be removed from this notification sub module but shall remain in the table.

### User Interface for Travel Authorisation Advance in e-PEMS



**Select**  
 JWS A/C No.: JWS-011017-LQ[DEPARTMENT OF HUMAN SETTLEMENT WORKS-400001340] 2 Cash: 7,750.00 Bank: 16,238,945.00 Budget Balance: Release Balance: 276,258.00 Previous Year Cash: 00.00  
 Month: November 2 Total RGCB Release Balance: 16,238,970.00 NH-Release Balance: 119,070.00 PD-Release Balance: 00.00

ID	Voucher ID	Voucher Name	Voucher Type	Transaction Category	Payment Option	Mode	Prepared By	Added On	Is Saved?	Upload Voucher Details	Report	AcctNo	Action
2122495	19/11/2020	Bank	Disbursement	Advance Payment	One-Click	Bank	Samah	19/11/2020	Yes				Submit / Refresh

**Voucher Detail Entry**

ID	Budget Line	DDC	Party	Assignment	Debit	Credit	SGT Service Charge	From	To
7 - Personal Adv	JWS-011016/0020011000050001(PD...	00.01 - 0	Debit 011028...	Select Assign...					

Copyright © 2019  
 MMS  
 Tawfik  
 Select Assignment  
 PERK-00108  
 COVID 19  
 PERK-00001 TAAdv  
 advance

Employee Name	Employee ID	CID	TPN	eDATS Action	Amount	Select
Daza	200700003	1000000003	KAP00003	Travel Authorisation Advance	1500	<input checked="" type="checkbox"/>

**Voucher Detail Entry**

ID	Budget Line	DDC	Party	Assignment	Debit	Credit	SGT Service Charge	From	To
7 - Personal Adv	JWS-011016/0020011000050001(PD...	00.01 - 0	Debit 011028...	Select Assign...					

Copyright © 2019  
 MMS  
 Tawfik  
 Select Assignment  
 PERK-00108  
 COVID 19  
 PERK-00001 TAAdv  
 advance

This detail box will be displayed on clicking the assignment / party details  
 The select option will be ticked to import the amount to the Debit box

The voucher details will be prepared by way of Advance payment transaction category. The party details needs to be added / existing in the party masters mapped to the respective LC. object code 9c will not have link to the TA Advance. Only broadhead 7 personal advance will be linked to the TA Advance. On clicking the assignment, the details of the TA advance shall be displayed like in the UI above.

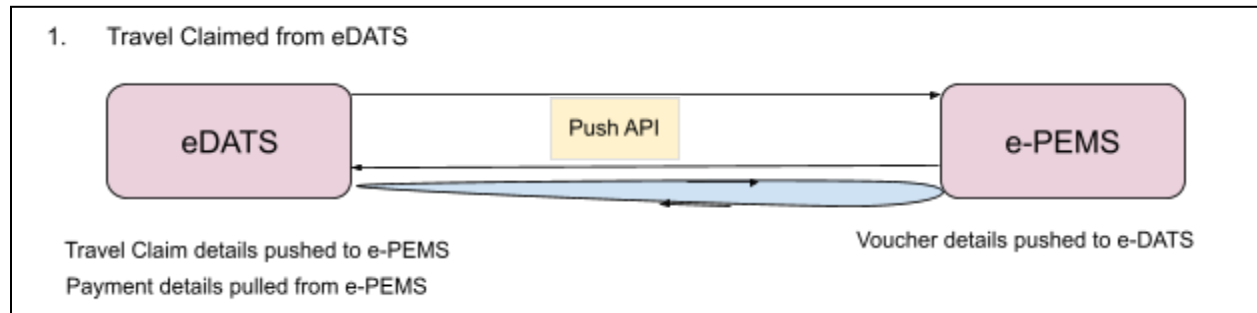
### ***User Interface for Travel Authorisation Advance payment in e-DATS***

TRAVEL AUTHORIZATION FORM					
Name of Employee: <b>Kinzang Norbu</b> CIDWP No.: <b>10811000531</b> Position Title: <b>Deputy Chief Finance Officer</b> Purpose of Travel: <b>SRS development for Integration of the ZEST ePEMS under ICS project</b>			Position Level: <b>P2SS1</b> TPN: <b>KAP23775</b> Account Number: <b>100572054</b>		Number: <b>42620220106061502</b> Date: <b>16-11-2022</b> Order Number: <b>657</b>
From		To		Travel Mode	Halt
Station	Date	Station	Date		
THIMPHU	26/12/2021	PUNAKHA	26/12/2021	Private Car	PUNAKHA
<i>Halt at PUNAKHA w.e.f 27/12/2021 to 07/01/2022</i>					
PUNAKHA	08/01/2022	THIMPHU	08/01/2022	Private Car	THIMPHU
Estimated Traveling Expenses: <b>Nu.13522</b> Advance Admitted: <b>Nu. 1500</b> Voucher / PI Code : <b>1212121 / PI202201010000001</b>					
<div style="display: flex; align-items: center;"> <div style="text-align: center; margin-right: 20px;">               Kinzang Norbu Employee           </div> <div style="text-align: center;">             Sonam Penjor Approving Authority           </div> </div>				Advance permissible: <b>Nu.12170</b>	
Voucher / PI Code : 1212121 / Cash (For Cash payment)					

The voucher details will be pushed to eDATS when it is submitted for verification in the e-PEMS. At the night, eDATS shall search the PI details via the voucher ID by running a scheduler. Voucher detail and PI code shall be updated along the Travel authorisation against the TA number for reports.

#### 4. Travel Claim / Payment & PI for TA Claim

##### Data Exchange Methodology



##### e-PEMS (General Changes)

There shall be a temporary table for the pushed data from the ePEMS which shall be named *eDATStaadvance*. The push API will be pushing the data as and when it is verified after approval in the eDATS. The table shall contain the parameters TPN, CID, Name, Advance Amount and Purpose. Under the transaction category “advance payment”, when the details are added, simultaneous with the party selection, then the advance amount shall be pulled from the temporary table. After the voucher is saved, the said detail can be updated as pulled and not available for further pull option. There shall also be an push API where the details of the voucher will be pushed to eDATS corresponding to the TA Advance.

##### Flow

eDATS : eDATS will push the following information TPN, CID, Name, Advance Amount, Purpose, TAF Number to e-PEMS temporary table named *eDATStaadvance*. Each transaction or data pushed shall be against an ID generated serially.

e-PEMS: While selecting the party, the ePEMS shall display all the details not pulled till now against the party selected (if two or more advance details are available). The e-PEMS user shall have the option to select the advance amount from the details displayed. It shall then push the voucher details like VID, voucher date to the eDATS.

##### eDATS (General Changes)

There shall be no specific changes required to be initiated at the eDATS however there shall be an push API when the TA advance is approved and verified.

Based on the VID information received from the ePEMS and stored in the eDATS, a scheduler shall run every night to pull the PI details available and accordingly get updated in the eDATS from the

ePEMS.

### User Interface for eDATS Notification in e-PEMS



The screenshot shows the e-PEMS user interface with the "Notifications from eDATS" table. The table has the following columns: Employee Name, Employee ID, CID, TPN, Position Title, Position Level, Agency Name - eDATS, eDATS Action, Amount, and Verified Date. The table contains three rows of data.

Employee Name	Employee ID	CID	TPN	Position Title	Position Level	Agency Name - eDATS	eDATS Action	Amount	Verified Date
Shyam Kumar	200700002	1000000002	KAP00002	Sr. FO	P3	DTA	Travel Authorisation Advance	1500	12/11/22
Daza	200700003	1000000003	KAP00003	Architect	P3	DHS	Travel Claim	2000	18/11/22
Kinzang Norbu	200700001	1000000001	KAP00001	Dy. Chief FO	P2	DTA	Travel Claim	6000	19/11/22

The notification sub module under the notice module in the ePEMS will display the data sent from eDATS TA Claim. The data sent from eDATS shall be stored in the temporary table and then it shall be pulled to this notification sub module. Once the data is pulled to the voucher, it shall be removed from this notification sub module but shall remain in the table.

### User Interface for Travel Payment in e-PEMS



ID	Voucher No.	Person Name	Voucher Type	Transaction Category	Payment Option	Mode	Prepared by	Added On	Is Saved?	Upload Details
2139848	19/11/2022	Shyam Kumar	Disbursement	Travel	One-One	Bank	Sonam	19/11/2022	N	

Employee Name	Employee ID	CID	eDATS Action	From Date	To Date	TA Number	Amount	Select	Purpose
Shyam Kumar	200700002	1000000002	Travel Claim	12/11/22	12/11/22	42620220106061501	1500	<input checked="" type="checkbox"/>	Enumeration
Daza	200700003	1000000003	Travel Claim	18/11/22	18/11/22	42620220106061502	2000	<input type="checkbox"/>	Survey
Kinzang Norbu	200700001	1000000001	Travel Claim	19/11/22	19/11/22	42620220106061503	6000	<input type="checkbox"/>	Monitoring

Bin	Budget Line	GLC	Party	Assignment	Debit	Credit	ISIT/Service Code
10a - Current	206.01/08/05/002/001/001/02/0001/11...		Shawana CR...				

Select Employee/TDS PIT Party  
 Shawana CR...  
 2004010118

This detail box will be displayed on clicking the assignment / party details

The select option will be ticked to import the amount to the Debit box

### User Interface for Travel Payment from Deposit Work One - Many module in e-PEMS

☐ Cash

Bank:

Client Party:

Assignment:

**Party & Assignment Balance: 0.00**

Particular:

Voucher Date:

Signatory:

**Add Party**

Search Party (by TPN or Bank Account No.):

**Search Results**

SL#	TPN	Name	CID	Bank	A/C No.	Party Type	Add
1	KAP23775	Kinzang Norbu	10811000531	BANK OF BHUTAN LTD.	100572054	TDS-PIT	<input checked="" type="button" value="Add"/>

**Selected Parties**

Select

Select

☐ Cash

Bank:

Client Party:

Assignment:

Party & Assignment Balance: 0.00

Employee Name	Employee ID	CID	eDATS Action	From Date	To Date	TA Number	Amount	Select	Purpose
Shyam Kumar	200700002	1000000002	Travel Claim	12/11/22	12/11/22	42620220106061501	1500	<input type="checkbox"/>	Enumeration
Daza	200700003	1000000003	Travel Claim	18/11/22	18/11/22	42620220106061502	2000	<input type="checkbox"/>	Survey
Kinzang Norbu	200700001	1000000001	Travel Claim	19/11/22	19/11/22	42620220106061503	6000	<input checked="" type="checkbox"/>	Monitoring

### Add Party

Search Party (by TPN or Bank Account No.):

Search Results

SL#	TPN	Name	CID	Bank	A/C No.	Party Type	Select
1	KAP23775	Kinzang Norbu	10811000531	BANK OF BHUTAN LTD.	100572054	TDS-PIT	<input checked="" type="checkbox"/> <b>Select</b>

Selected Parties

In the one to many deposit work module, it shall remain same until the party selection. When the party is searched and added, it shall display the party and instead of the “add” option, we shall have the select option and then moved to the new application for eDATS notification. There it will be selected and the details then will be added for the posting, including the travel dates.

### ***User Interface for Travel Allowance Claim payment in e-DATS***

Royal Government of Bhutan				<b>FAM-4.1.1</b> Agency: DEPARTMENT OF PUBLIC ACCOUNTS / DEPARTMENT OF PUBLIC ACCOUNTS MOF, DEPARTMENT OF PUBLIC ACCOUNTS																																																																			
<b>TRAVEL ALLOWANCE CLAIM</b>																																																																							
Name of Employee: <b>Kinzang Norbu</b> CIDWP No.: <b>10811000531</b> Position Title: <b>Deputy Chief Finance Officer</b> Purpose of Travel: <b>SRS development for Integration of the ZEST ePEMS under ICS project</b>			Position Level: <b>P28S1</b> TPN: <b>KAP23775</b> Account Number: <b>100572054</b>		Number: <b>42620220106061502</b> Date: <b>19-11-2022</b> Order Number: <b>657</b>																																																																		
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">From</th> <th colspan="3">To</th> <th rowspan="2">Daily Allowance</th> <th rowspan="2">Mileage</th> <th rowspan="2">Porter / Pony</th> <th rowspan="2">Actual Expense</th> <th rowspan="2">Fare</th> <th rowspan="2">Total</th> </tr> <tr> <th>Date</th> <th>Time</th> <th>Station</th> <th>Date</th> <th>Time</th> <th>Station</th> </tr> </thead> <tbody> <tr> <td>26/12/2021</td> <td>09:00:00</td> <td>THIMPHU</td> <td>26/12/2021</td> <td>17:00:00</td> <td>PUNAKHA</td> <td>750</td> <td>1136</td> <td>0</td> <td>0</td> <td>0</td> <td>1886</td> </tr> <tr> <td colspan="6" style="text-align: center;"><i>Halt at PUNAKHA w.e.f 27/12/2021 to 07/01/2022</i></td> <td>750</td> <td></td> <td></td> <td>0</td> <td></td> <td>9000</td> </tr> <tr> <td>08/01/2022</td> <td>09:00:00</td> <td>PUNAKHA</td> <td>08/01/2022</td> <td>17:00:00</td> <td>THIMPHU</td> <td>1500</td> <td>1136</td> <td>0</td> <td>0</td> <td>0</td> <td>2636</td> </tr> <tr> <td colspan="11" style="text-align: right;"><b>Grand Total</b></td> <td><b>13522</b></td> </tr> </tbody> </table>						From			To			Daily Allowance	Mileage	Porter / Pony	Actual Expense	Fare	Total	Date	Time	Station	Date	Time	Station	26/12/2021	09:00:00	THIMPHU	26/12/2021	17:00:00	PUNAKHA	750	1136	0	0	0	1886	<i>Halt at PUNAKHA w.e.f 27/12/2021 to 07/01/2022</i>						750			0		9000	08/01/2022	09:00:00	PUNAKHA	08/01/2022	17:00:00	THIMPHU	1500	1136	0	0	0	2636	<b>Grand Total</b>											<b>13522</b>
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<b>Grand Total</b>											<b>13522</b>																																																												
Estimated Traveling Expenses: Nu.13522 Advance Admitted: Nu. 0						Net Amount: Nu.13522 Voucher / PI Code : 1212121 / PI202201010000001																																																																	
Kinzang Norbu Employee Date: 06/01/2022		Sonam Penjor Approving Authority Date: 10/01/2022		Kinzang Lham Verifying Authority Date: 10/01/2022																																																																			
Voucher / PI Code : 1212121 / Cash (For Cash payment)																																																																							

The voucher details will be pushed to eDATS when it is submitted for verification in the e-PEMS. At the night, eDATS shall search the PI details via the voucher ID by running a scheduler. Voucher detail and PI code shall be updated along the Travel claim against the TA number for reports.



## 5. Reports

### a. Reports in e-PEMS

#### i. Attachment Report

The idea here is that in the voucher details / Print voucher, while clicking the voucher and referring to the attachment, the respective travel authorisation form or travel claim form is displayed.

NOTICE » MASTERS » PROCESS » TREASURY » RELEASE » ACCOUNTS » PAYROLL » REPORTS » CHANGE PASSWORD » ADMIN » LOG OUT

Home » ACCOUNTS » VOUCHER APPROVAL

Search:

LC/PLC No.: 208.21/1017-LC(DEPARTMENT OF HUMAN SETTLEMENT MONHS -400001342)

Month: November

Select Signatory Authority: Select Signatory

Pending Vouchers for Approval:

In clicking the attachment, View Button, it should take to the respective Travel authorisation form or Travel claim page in eDATS

Approved Vouchers/Rejected Vouchers:

ID	Voucher No.	Voucher Dt.	Payee	Bank	Description	Amount	DT No.	Report	Attachment	W/D deposit	Receipt	W/D Receipt	Invoice	Status
2128775	DV.11.30	18/11/2022	Cheynga	BANK OF BHUTAN LTD.	TADA advance	3000.00			<a href="#">View</a>					APPROVED/SUCCESSFUL
2128764	DV.11.49	18/11/2022	Sangay Wangdi	BANK OF BHUTAN LTD.	Official advance	100000.00			<a href="#">View</a>					APPROVED/SUCCESSFUL
2129053	DV.11.48	18/11/2022	Shamsa Ghar	BANK OF BHUTAN LTD.	DHS2475 2475 2475 75	127948.00			<a href="#">View</a>					APPROVED/SUCCESSFUL

File Download ← Can be removed

eDATS Site

TRAVEL AUTHORIZATION FORM

Name of Employee: Cheyna  
CIDWP No.: 108116  
Position Title: Deputy Chief Finance Officer  
Purpose of Travel: SRS development for Integration of the ZEST ePEMS under ICS project

Position Level: P28S1  
TPN: KAP23775  
Account Number: 100572054

Number: 42620220106061502  
Date: 16-11-2022  
Order Number: 687

From		To		Travel Mode	Halt
Station	Date	Station	Date		
THIMPHU	26/12/2021	PUNAKHA	26/12/2021	Private Car	PUNAKHA
Halt at PUNAKHA w.e.f 27/12/2021 to 07/01/2022					
PUNAKHA	08/01/2022	THIMPHU	08/01/2022	Private Car	THIMPHU

Estimated Traveling Expenses: Nu.13522  
Advance Admitted: Nu. 5,000

Voucher / PI Code : 1212121 /  
PI202201010000001

Kinzang Norbu  
Employee

Sonam Penjor  
Approving Authority

Advance permissible: Nu.12170

This attachment report should be available after the completion of the voucher Preparation, at voucher verification, voucher approval, at ePayment stage and PRINT voucher module.

## ii. Travel Report from e-PEMS

MINISTRY OF WORKS & HUMAN SETTLEMENT									
Travel Register									
Printed Date : 20/11/2022		LC / PLC No. / Name : 206.01/1017 Department of Human Settlement							
Employee Code : 9608011		Name : Cheynga							
SL. No.	Disbursement		Purpose from eDATS	Travel Duration from eDATS		Amount Admitted	Amount Adjusted	Net Amount	Remarks
	V. No.	V. Date		From	To				
1	DV.10.101	31/10/2022	TADA	18/10/2022	22/10/2022	4,500.00		4,500.00	
2	DV.10.51	19/10/2022	TADA	08/09/2022	15/10/2022	33,500.00	20,000.00	13,500.00	
3	DV.8.4	04/08/2022	TADA	07/07/2022	17/07/2022	10,500.00		10,500.00	
4	DV.9.35	08/09/2022	TADA	12/08/2022	23/08/2022	9,500.00		9,500.00	

Note : The Travel register is as per LC / PLC. For details travel records, please refer eDATS.

## b. Reports in eDATS

### i. Travel Authorisation Report

The travel authorisation report with advance payment / cash details is to be revised as mentioned in the Travel authorisation report earlier.

### ii. Travel Claim Report

The travel claim report with payment / cash details is to be revised as mentioned in the Travel claim report earlier.

### iii. Travel Register

The travel register currently is visible only to the employee. It shall be made visible to all system administrators as well. The travel register will have new details.



Royal Government of Bhutan  
Ministry of Finance

TRAVEL REGISTER

Name: **Kinzang Norbu**  
CID/WP/No: **10811000531**  
Designation: **Deputy Chief Finance Officer**

Sl.	Purpose	Date	Days	Amount Admitted	Advance	Net Amount	PI Code	Amount Admitted
1	SRS development for Integration of the ZEST ePEMS under ICS project	26/12/2021-08/01/2022	14	13,522.00	0.00	13,522.00	PI202211210000001	13,522/-
2	development of documentation system consultation with Bumthang Cluster	24/10/2021-30/10/2021	7	10,500.00	0.00	10,500.00	PI202211210000002	10,500/-
3	Resource person for ePEMS Training for auditors at PDC from 6-10 Sept 2021	05/09/2021-11/09/2021	7	10,500.00	0.00	10,500.00	Cash	10,500/-
4	workshop on the review of PFM reform initiatives	31/07/2021-04/08/2021	5	5,478.00	0.00	5,478.00	PI202211210000003	5,478/-
Total (Accumulated per financial year)			33	40,000.00	0.00	40,000.00		

**iv. Travel Statement by employee**

Travel statement by employee is monthly. It would be very nice if we could add the PI code and the amount admitted.



Royal Government of Bhutan  
Ministry of Finance

Travel Summary by Employees (Month: July | Fiscal Year: 2022-2023)  
BHUTAN COUNCIL FOR SCHOOL EXAMINATION AND ASSESSMENT SECRETARIAT

Sl	CID/WP Number	Employee Name	Position Level	Position Title	Office Order No.	Travel Date	Purpose of Travel	Individual/ Group	Days	Daily Allowance		Travelling Allowance			Total Amount (Nu.)	Year to Date Cumulative (Nu.)	Approving Authority	PI Code	Amount Admitted
										Regular	Executive	Mileage (Nu.)	Air Fare/ Public Transport (Nu.)	Lumpsum (Nu.)					
										DA (Nu.)	Actual Retains (Nu.)								
1	11109002153	Shamb Gyeltshen	P2551	Subject Coordinator II	BCSEA/HR-ADM/33/2021-2022/780	01/07/2022-02/07/2022	Assessment of Teachers teaching Mathematics		2	1,500.00	0.00	896.00	0.00	0.00	1,646.00	1,646.00	Yeshi Lhaming	PI202211210000001	1,646.00
Total for the Department										1,500.00	0.00	896.00	0.00	0.00	1,646.00				

Note: Lumpsum Dollars/ Porter Pony is set at Nu.1200 per day.

**v. Travel Statement by Agency**

Travel statement by employee is monthly. It would be very nice if we could add the PI code and the amount admitted.



Royal Government of Bhutan  
Ministry of Finance  
**BHUTAN COUNCIL FOR SCHOOL EXAMINATION & ASSESSMENT**  
Travel Statement Details by Agency (Month: July | Fiscal-Year: 2022-2023)

From MYRB
 



Sl	Name of Agency	Total Staff Strength	Frequency of Travel			Daily Allowance		Traveling Allowance			Total Amount (Nu)	Year to Date Cumulative Amount (Nu)	FY Budget Amount (Nu)	Budget Balance (Nu)
						Regular	Executive							
			No of Employee Traveling (A)	No of Invitee (B)	Total No. of Claimants (A+B)	DA (Nu)	Actual Reimb. (Nu)	Mileage (Nu)	Air Fare/ Public Transport (Nu)	Lumpsum Dikam (Nu)				
1	BHUTAN COUNCIL FOR SCHOOL EXAMINATION AND ASSESSMENT SECRETARIAT	34	0	1	1	1,500.00	0.00	0.00	0.00	0.00	12,000.00			
Total for the Month:						1,500.00	0.00	0.00	0.00	0.00	12,000.00			

*Note: Lumpsum Dikam/ Porter Pony is set at Nu.1200 per day.*

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