

(IBL Group) Arcadia Travel Project

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History

Date		Comments
01-Aug-2023	Dinesh Maulloo	Initial Assignment
25-Aug-2023	Dinesh Maulloo	All Airfile instructions to push to Invoices
31-Aug-2023	Dinesh Maulloo	Accounts Interface File Assignment
7-Sep-2023	Dinesh Maulloo	Details about separate tax line
11-Sep-2023	Dinesh Maulloo	Details about Interface File header/details record groupings per Invoices/Credit Notes
10-Jan-2023	Dinesh Maulloo	Details for issues with Airfile and AZM Export
11-Jan-2023	Dinesh Maulloo	Additional details for Airfile subform

High-Level Project Overview

- Current System
 - All requests (individuals or corporate) handled by agents through email.
 - Amadeus can generate Quotes with flight details.
 - When tickets are issued, an airfile is generated.
 - E-Travel Invoicing software captures the airfile and agent can generate invoice with added services (hotels, insurance, etc)
 - Every day all sales/credit note transactions exported in E-Travel which will be imported in their Accounting system.
 - The travel agency only deal with cash transactions while the accounting team do all follow ups for invoice payments (corporates).
- Target System

- Request (or Deals) managed in Zoho CRM (Nettobe)
- CRM to capture airfiles and that info used to generate Invoices. (Helios)
- CRM to provide interface to export transactions. (Helios)

Document Folders

Airfile specs:

<https://workdrive.zohoexternal.com/external/187965e291dde0fa04c378b6127f25e268a65906d2fa1496aad520a0b69d5ed0>

Accounts Interface file specs:

<https://workdrive.zohoexternal.com/external/da4193560ffa4afe221f0982b9ee4f0b82f1100808362a29d9cc6df4e1ee51e4>

Instance Details

Super admin: majidtunda@arcadia.mu

Password: N2BArc4d!a

01-Aug-23 - Assignment

1. Mechanism to retrieve airfiles from WorkDrive and insert into Airfile module record
 - a. Currently the airfiles come to folder: D:\PNR\AIR\AIR_SOURCE
 - b. Once processed by E-Travel, they are moved to: D:\PNR\AIR\AIR_BACKUP
 - c. A batch file is scheduled every 5 mins to mirror the AIR_BACKUP folder to the Workdrive folder: Y:\Amadeus
 - d. Note: we can discuss if there is a more efficient way to do this
 - e. CRM should know which file has already been processed.
 - f. There should be a button to manually trigger the airfile processing
 - g. Not all information from the Airfiles need to be retrieve; only info relevant to invoicing:
 - i. Name of passenger
 - ii. Reservation number
 - iii. Airline
 - iv. Flight routing

- h. Some fields may have to be populated in subforms (due to non-atomicity)

- a. We are going to define a field ('Booking Reference' or 'Reservation Number' - to be confirmed) which we will also be within the Deals (having been input by the agent). Through this, we will be able to automatically link the airfile records to the Deal

- a. We will look into this once step 1 is complete.
- b. Invoice examples are in the folders
- c. There are existing products where we will only populate the description from the airfiles

25-Aug-23 - Assignment

1. Requirements for retrieving new AIR files

- a. Existing system is described above in step 1.a to c.
 - b. Any new AIR File should be retrieved and pushed to CRM once available on Workdrive. Depending on your polling method and logic in place, you may decide to put processed files in a subfolder.
 - c. We should be seeing any new file being pushed to CRM
2. Information to be retrieved from airfile:
- a. Name of passenger: Single line
 - b. Reservation number: Single line
 - c. Ticket Number: Single Line (Header T)
 - d. Airline: Single Line
 - e. Flight routing: Subform (1 entry for each H line)
 - f. Flight description for Invoice field: (Multi line which will be mapped to Line Item description field:

ANBAZHAGAN/KUMARAVEL MR
ROUTING : MRU/DXB/MAA/DXB/MAA
DEP 11-JUL-23
EMIRATES AIRLINE
176 9727402659
 - g. Dates of travel (Date)
 - h. Class of booking (Single Line)
 - i. Fare (Currency)
 - j. Taxes (Composite airfile field to be broken down in subform, tax name + amount)
 - k. Tax Total (Currency)
3. Linking of Air file to Deals:
- a. Please cater for a field (eg Reservation number > Ticket Number) which will be entered on a Deal so that we can automatically link the Air files record to the Deal
 - b. There should be a button within the Deal, so that it will search any airfile with that field value and link it.
 - c. Special cases:
 - i. When there is a single booking for multiple passengers, each passenger has a separate airfile. Samples airfiles in the subfolder: Single Booking Multiple Passengers
(AIR00617_10082023165218.AIR, AIR00618_10082023165218.AIR, AIR00619_10082023165218.AIR)
 - ii. The client can decide to invoice each passenger separately or

within single invoice. But all these airfiles should be linked to single deal.

4. Airfile Data to Invoice

- a. Examples of existing invoices from e-travel are already in Sample folder:

ARCADIA
TRAVEL

ARCADIA TRAVEL LTD - John Kennedy Street - Port Louis - Republic of Mauritius
Tel :+230 2139310 , Fax :+230 2139320
Email :enquiries@arcadia.mu , www.iblgroup.com

Page 1 of 1

Name :
EAGLE INSURANCE LTD

Inv.Date : 28/06/23

Inv.Ref. : TIN/2301610

Address:
IBL HOUSE
CAUDAN
PORT LOUIS
VAT REG NO: - BRN: C06002277

Client Code : C100419

Your Ref. : PASCALINE

VAT REG. NO. VAT20267200
BUSINESS REGISTRATION NUMBER: C09047549

VAT INVOICE

	AMOUNT EXCL VAT	VAT RATE %	VAT AMOUNT	TOTAL AMOUNT
ANBAZHAGAN/KUMARAVEL MR ROUTING : MRU/DXB/MAA/DXB/MAA DEP 11-JUL-23 EMIRATES AIRLINE 176 9727402659	10,973.00	0.00	0.00	10,973.00
TAX 176 9727402659	2,389.00	0.00	0.00	2,389.00
SERVICE FEE 176 9727402659	434.78	15.00	65.22	500.00

- b. There should be a button within the deal which will pull info from linked airfiles to an invoice
- c. Existing products have already been created:
- i. Air Ticket, Air Ticket Tax, Service Fee
- d. Sample of new Invoice:

Invoiced Items

S.NO	Product Name	Quantity	List Price (MUR)	Amount (MUR)	Discount (MUR)	Tax (MUR)	Total (MUR)
1	AIR TICKET NAME/FIRST MR ROUTING: MRU/CDG /MRU DEP: 31-JUL-23 AIRLINE Ticket Number	1	100,000.00	100,000.00	0.00	0.00	100,000.00
2	AIR TICKET TAX Ticket Number	1	20,000.00	20,000.00	0.00	0.00	20,000.00
3	SERVICE FEE Ticket Number	1	10,000.00	10,000.00	0.00	1,500.00	11,500.00
4	HOTEL Hotel: Room Name: Guest Name: Rooms: Nights:	1	0.00	0.00	0.00	0.00	0.00

- e. The airfile fields should be populated in their respective item descriptions as well as their amounts
- f. There should be an option to push to single invoice or separate invoices.

31 Aug 2023

1. High-level requirements of Accounts Interface File

a. Process Overview

- i. Everyday, the finance team will be extracting all the sales transactions to an interface file which will be imported in their Accounting system
- ii. The user should be able to extract transactions between specific dates. They typically run from the 1st of the month to the current date.
- iii. The file will contain all invoices and credit notes.

b. Technical Aspects Overview

- i. The interface is a fixed-length text file and the specs are in this file: details of interface file.doc
- ii. The file consists of a repeating sequence of header lines and respective of details lines where the header is the invoice/credit note details while the detail lines are individual line items details.
- iii. File "full interface file - column notes.txt" has been created with the column headers at the respective column positions:

full interface file - column notes.tx									
File Edit View									
HTLAL001	CR	23000091	29052023	29052023	5346600000	5313991000	32609000	5346600000	3288000000
Header Row Indicator, 1/1 (Position/Length)									
Company Code, 2/2									
Customer Code, 4/20									
Transaction Type, 24/2									
Item Reference, 26/8									
Reason Code, 34/2									
Transaction Date, 36/8									
Document Date, 44/8									
Total Transaction Amt- Base Amount, 52/18									
Goods Amt, Base Amount, 70/18									
Vat Amt, Base Amount, 88/18									
Total Transaction Amt- Prime Amount, 106/18									
Goods Amt, Prime Amount, 124/18									
Vat Amt, Prime Amount, 142/18									
Posting Period, Description									
DTLCR23000091	06749538566		25042		NULL	50042	5346600000	5346600000	32609000
Detail Row Indicator, 1/1									
Company Code, 2/2									
Transaction Type, 4/2									
Item Ref, 6/8									
Line No, 14/4									
Line Description, 18/30									
General Ledger Account Code, 48/20									
GL Analysis Code Level 7, 68/4									
GL Analysis Code Level 8, 72/8									
GL Analysis Code Level 9, 80/8									
Total Line Amount Incl of VAT-Base Amt, 88/18									
Line Amt Excl of VAT - Base Amt, 106/18									
Line VAT Amt - Base Amt, 124/18									
Total Line Amount Incl of VAT-Prime Amt, 142/18									
Line Amt Excl of VAT - Prime Amt, 160/18									
Ln 6, Col 26									
100%								Windows (CRLF)	

c. Accounts Interface Reference files are in this folder:

<https://workdrive.zohoexternal.com/external/da4193560ffa4afe221f0982b9ee4f0b82f1100808362a29d9cc6df4e1ee51e4>

2. Reference codes:

To populate the interface file, it will require reference from related modules: contacts/company and products

a. Company/Contact

- The invoice/credit note can be for a company or contact, so the 'Customer Code' will have to be available in both modules.
- For Company Contacts, we can add validation so that the customer code field is blank on the Contact records, so that it effectively pulls only from the Company module
- Customer file:

<https://workdrive.zohoexternal.com/external/d3f391d5c21c70d700f7dfb7ed1f848cfac560667d5d2f88efa350b245>

b. Products

- Each product will have a series of GL codes fields and respective tax codes.
- The products will be updated with the code as per the file: GL_Codes.xlsx

3. Solution proposal:

- There could be several ways to implement this requirement.

- b. Because of start/end date period parameters, I am thinking of a custom module with these fields and button to execute the processing and save the file to Workdrive so they can easily download it.
 - c. Or it could be accomplished through widget.
 - d. Please provide suggestions which are user-friendly.
4. There has to be a Credit Note custom module similar to the fields in the Invoice Module.
5. Tax code selection:
 - a. The current tax code is very tedious and not user friendly; even if a tax code is assigned to a product, on the invoice page, it has to be manually selected. Can it be automatically mapped through workflow or function?
6. There are some clarifications which I will be following up with the client on GL codes but that should not stop you from implementing the core requirements.

7 Sep 2023

1. Sample Invoices

a.

VAT REG NO: - BRN:

ALAM/IRSHAD MR
ROUTING : CCU/DXB/MRU
DEP 03-JUL-23
EMIRATES AIRLINE
176 9727402744
TAX
176 9727402744
SERVICE FEE
176 9727402744

ALAM/MOHAMMAD AFTAB MR
ROUTING : CCU/DXB/MRU/DXB/CCU
DEP 03-JUL-23
EMIRATES AIRLINE
176 9727402745
TAX
176 9727402745
SERVICE FEE
176 9727402745

AMOUNT EXCL VAT	VAT RATE %	VAT AMOUNT	TOTAL AMOUNT
22,815.00	0.00	0.00	22,815.00
9,824.00	0.00	0.00	9,824.00
1,304.35	15.00	195.65	1,500.00
43,840.00	0.00	0.00	43,840.00
21,473.00	0.00	0.00	21,473.00
2,173.91	15.00	326.09	2,500.00
101,430.26		521.74	101,952.00

- b. In Mauritius, most retails have only 1 type of tax, the VAT (Value Added Tax) which is at 15%. All other items which are tax exempted need to be classified as Zero-Rated VAT.
 - c. I have created the same invoice in CRM:

← TIN/2301684 - Do not Delete

Related List

Notes

Attachments

Open Activities

Closed Activities

Emails

Links

Add Link

Overview

Timeline

Billing Code

Shipping Code

Billing Country

Shipping Country

Invoiced Items

S.NO	Product Name	Quantity	List Price (MUR)	Amount (MUR)	Discount (MUR)	Tax (MUR)	Total (MUR)
1	AIR TICKET ALAM/IRSHAD MR ROUTING: CCU/DXB/MRU DEP 03JUL23 EMIRATES 176-9727402744	1	22,815.00	22,815.00	0.00	0.00	22,815.00
2	AIR TICKET TAX 176-9727402744	1	9,824.00	9,824.00	0.00	0.00	9,824.00
3	SERVICE FEE 176-9727402744	1	1,304.35	1,304.35	0.00	195.65	1,500.00
4	AIR TICKET ALAM/MOHAMMAD AFTAB MR ROUTING: CCU/DXB/MRU/DXB /CCU DEP 03JUL23 EMIRATES 176-9727402745	1	43,840.00	43,840.00	0.00	0.00	43,840.00
5	AIR TICKET TAX 176-9727402745	1	21473.00	21473.00	0.00	0.00	21473.00
6	SERVICE FEE 176-9727402745	1	2173.91	2,173.91	0.00	326.09	2,500.00

AMOUNT EXCL VAT

MUR 101,430.26

VAT AMOUNT

MUR 521.74

TOTAL AMOUNT

MUR 101,952.00

- d. The default aggregate have been made non-visible and new aggregates have been added: Amount excl VAT, VAT Amount and Total Amount. (As highlighted above)
2. Accounts Interface file
 - a. The GL codes are stored in each Product record and will be pulled during the Interface File Export.

Accounting Information

General Ledger Account Code	50042
GL Analysis Code Level 7	ATK
GL Analysis Code Level 8	AF
GL Analysis Code Level 9	—
Tax Code	ZER

AIR00017_28062023090042 ANBAZHAGAP AIR00091_01072023102729 ALAM moham AIR00090_01072023102228 ALAM Irshad C full interface file.TXT														
File	Edit	View												
HTLALF001	CR23000091	2905202329052023	5346600000	5313991000	32609000	5346600000	3288000000	3260900012311Credit Note	MUR	32609000STD	100000STD			
DTLCR23000091	06749538566	25042	NULL	50042	5346600000	5346600000	32609000	5346600000	5346600000	32609000STD	100000STD			
DTLCR23000091	06749538566	50042	ATK AF	50042	3288000000	3288000000	0	3288000000	3288000000	0ZER	0ZER			
DTLCR23000091	06749538566	50042	TTX TAX	50042	1808600000	1808600000	0	1808600000	1808600000	0ZER	0ZER			
DTLCR23000091	06749538566	62121	ATK	50042	217391000	217391000	0	217391000	217391000	0STD	0STD			
DTLCR23000091	06749538566	26060092		50042	32609000	32609000	0	32609000	32609000	0STD	0STD			
HTLVIV001	CR23000092	2905202304042023	5200200000	5200200000	0	5200200000	3932500000	012311Credit Note	MUR	100000ZER	100000ZER			
DTLCR23000092	01236021945	25042		50042	5200200000	5200200000	0	5200200000	5200200000	0ZER	0ZER			
DTLCR23000092	01236021945	50042	ATK MK	50042	3932500000	3932500000	0	3932500000	3932500000	0ZER	0ZER			
DTLCR23000092	01236021945	50042	TTX TAX	50042	1417700000	1417700000	0	1417700000	1417700000	0ZER	0ZER			
DTLCR23000092	01236021945	50042		50042	1500000000	1500000000	0	1500000000	1500000000	0ZER	0ZER			
HTLMER003	CR23000093	2905202317042023	3492900000	3492900000	0	3492900000	2697000000	012311Credit Note	MUR	100000ZER	100000ZER			
DTLCR23000093	06749538587	25042	NULL	50042	3492900000	3492900000	0	3492900000	3492900000	0ZER	0ZER			
DTLCR23000093	06749538587	50042	ATK EK	50042	2697000000	2697000000	0	2697000000	2697000000	0ZER	0ZER			
DTLCR23000093	06749538587	50042	TTX TAX	50042	9459000000	9459000000	0	9459000000	9459000000	0ZER	0ZER			
DTLCR23000093	06749538587	50042		50042	1500000000	1500000000	0	1500000000	1500000000	0ZER	0ZER			
HTLIBL011	IN23001308	2905202329052023	1008000000	1008000000	0	1008000000	1008000000	012311Invoice	MUR	100000ZER	100000ZER			
DTLIN23001308	00000018189	25042	PHMT	50042	1008000000	1008000000	0	1008000000	1008000000	0ZER	0ZER			

b. Each line item in an invoice or credit note will have its line and respective GL in the Interface File

c. Each line mapped as per the GL file specs:

10	GL Analysis Code Level 9	Char	8	80	87	Any other analysis is dependant on Fiscal Code	
11	Total Line Amount Incl of VAT-Base Amt	Num	18,5	88	105	Base Amt=Amt in Mauritian Rupees	Number format is 18, 5 with no decimal places
12	Line Amt Excl of VAT - Base Amt	Num	18,5	106	123		Number format is 18, 5 with no decimal places
13	Line VAT Amt - Base Amt	Num	18,5	124	141		Number format is 18, 5 with no decimal places
14	Total Line Amount Incl of VAT-Prime Amt	Num	18,5	142	159	Prime Amt=Amt in Foreign Currency	Number format is 18, 5 with no decimal places
15	Line Amt Excl of VAT - Prime Amt	Num	18,5	160	177		Number format is 18, 5 with no decimal places
16	Line VAT Amt - Prime Amt	Num	18,5	178	195		Number format is 18, 5 with no decimal places

AIR00017_28062023090042 ANBAZHAGAP AIR00091_01072023102729 ALAM moham AIR00090_01072023102228 ALAM Irshad C full interface file.TXT														
File	Edit	View												
HTLALF001	CR23000091	2905202329052023	5346600000	5313991000	32609000	5346600000	3288000000	3260900012311Credit Note	MUR	32609000STD	100000STD			
DTLCR23000091	06749538566	25042	NULL	50042	5346600000	5346600000	32609000	5346600000	5346600000	32609000STD	100000STD			
DTLCR23000091	06749538566	50042	ATK AF	50042	3288000000	3288000000	0	3288000000	3288000000	0ZER	0ZER			
DTLCR23000091	06749538566	50042	TTX TAX	50042	1808600000	1808600000	0	1808600000	1808600000	0ZER	0ZER			
DTLCR23000091	06749538566	62121	ATK	50042	217391000	217391000	0	217391000	217391000	0STD	0STD			
DTLCR23000091	06749538566	26060092		50042	32609000	32609000	0	32609000	32609000	0STD	0STD			
HTLVIV001	CR23000092	2905202304042023	5200200000	5200200000	0	5200200000	3932500000	012311Credit Note	MUR	100000ZER	100000ZER			
DTLCR23000092	01236021945	25042		50042	5200200000	5200200000	0	5200200000	5200200000	0ZER	0ZER			
DTLCR23000092	01236021945	50042	ATK MK	50042	3932500000	3932500000	0	3932500000	3932500000	0ZER	0ZER			
DTLCR23000092	01236021945	50042	TTX TAX	50042	1417700000	1417700000	0	1417700000	1417700000	0ZER	0ZER			
DTLCR23000092	01236021945	50042		50042	1500000000	1500000000	0	1500000000	1500000000	0ZER	0ZER			
HTLMER003	CR23000093	2905202317042023	3492900000	3492900000	0	3492900000	2697000000	012311Credit Note	MUR	100000ZER	100000ZER			
DTLCR23000093	06749538587	25042	NULL	50042	3492900000	3492900000	0	3492900000	3492900000	0ZER	0ZER			

d. You will notice that the VAT amount of a line item is on a separate line (Example the Service Fee / GL code: 26060092) and that it is 15%

Related List

Notes
Price Books
Attachments
Open Activities
Closed Activities
Cases
Solutions
Contacts
Leads
Deals
Accounts
[Add Related List](#)

Links

[Add Link](#)

Overview

Timeline

Modified By Majid Tunda
Thu, 7 Sep 2023 09:22 PM

Tue, 4 Jul 2023 06:46 AM

Price Information

Unit Price — Commission Rate —
Taxable ✓
Tax VAT - 15.0 %

Stock Information

Usage Unit Box Qty Ordered 0
Quantity in Stock -75 Reorder Level 0
Handler Quantity in Demand 0

Accounting Information

General Ledger Account Code 62121
GL Analysis Code Level 7 ATK
GL Analysis Code Level 8 —
GL Analysis Code Level 9 —
Tax Code STD

Tax General Ledger Account Code	26060092
Tax GL Analysis Code Level 7	—
Tax GL Analysis Code Level 8	—
Tax GL Analysis Code Level 9	—

Description Information

Description —

- g. Not all GL Analysis Code Levels are required by the Accounting system, a lot of them will be null and the position and reserved length in the Interface File will be blank.

AIR00017_28062023090042 ANBAZHAGAP														
AIR00091_01072023102729 ALAM moham														
AIR00090_01072023102228 ALAM Irshad C														
full interface file.TXT														
full interface file - column notes.txt														
interface_File_07_to_11 Jul_23.TXT														
File	Edit	View												
HTLAL001	CR23000091	2905202329052023	5346600000	5313991000	32609000	5346600000	3288000000	3260900000	3260900000	012311Credit Note	MUR	3260900000	1000005TD	
DTLCR23000091	06749538566	25042	NULL	50042	5346600000	5346600000	32609000	5346600000	5346600000	5346600000		3260900000	0ZER	
DTLCR23000091	06749538566	50042	ATK AF		3288000000	3288000000	0	3288000000	3288000000	3288000000		0ZER		
DTLCR23000091	06749538566	50042	TTX TAX		1808600000	1808600000	0	1808600000	1808600000	1808600000		0ZER		
DTLCR23000091	06749538566	62121	ATK		217391000	217391000	0	217391000	217391000	217391000		0STD		
DTLCR23000091	06749538566	26060092			32609000	32609000	0	32609000	32609000	32609000		0STD		
HTLVIV001	CR23000092	2905202304042023	5200200000	5200200000	0	5200200000	3932500000	012311Credit Note	MUR	012311Credit Note		100000ZER		
DTLCR23000092	01236021945	25042		50042	5200200000	5200200000	0	5200200000	5200200000	5200200000		0ZER		
DTLCR23000092	01236021945	50042	ATK MK		3932500000	3932500000	0	3932500000	3932500000	3932500000		0ZER		
DTLCR23000092	01236021945	50042	TTX TAX		1411700000	1411700000	0	1411700000	1411700000	1411700000		0ZER		
DTLCR23000092	01236021945	50042			1500000000	1500000000	0	1500000000	1500000000	1500000000		0ZER		

- h. I am confirming some additional details with the Client Finance team but you can cater for this tax line in the interface file. There might only be some calculations values which we may need additional clarification.

11 Sep

Further clarification regarding the Interface File

- In addition to the sample airfiles and invoices provided in the folders shared above, we have requested the corresponding interface files
 - Airfiles:
 - AIR00090_01072023102228 ALAM Irshad ONE WAY TKT.txt
 - AIR00091_01072023102729 ALAM mohammad RETURN TKT.txt

AIR00017_28062023090042 ANBAZHAGAN KUMAR Reissue.txt

b. Invoices:

INVOICE TIN2301684 - AIR00090_01072023102228 -

AIR00091_01072023102729.PDF

INVOICE TIN2301610 - AIR00017_28062023090042.pdf

c. Interface Files:

full interface file 1 - TIN2301610.TXT

full interface file 2 - TIN2301684.TXT

2. Within the Interface file, invoice/credit note line items would not necessarily be all grouped under one header record. They will be grouped by ticket or addons (hotel, insurance, car hire, etc).

a. The GL codes within a section would be:

- i. 50042 (applicable to line items with zero-rated tax)
- ii. 62121 (applicable to line items with tax)
- iii. 26060092 (the taxable amount of a taxable line item)
- iv. 25042 (the GL double entry account, the total amount under that heading - it can include tax as per line items).

b. Example:

VAT REG NO: - BRN:	AMOUNT EXCL VAT	VAT RATE %	VAT AMOUNT	TOTAL AMOUNT
ALAM/IRSHAD MR ROUTING : CCU/DXB/MRU DEP 03-JUL-23 EMIRATES AIRLINE 176 9727402744	22,815.00	0.00	0.00	22,815.00
TAX 176 9727402744	9,824.00	0.00	0.00	9,824.00
SERVICE FEE 176 9727402744	1,304.35	15.00	195.65	1,500.00
ALAM/MOHAMMAD AFTAB MR ROUTING : CCU/DXB/MRU/DXB/CCU DEP 03-JUL-23 EMIRATES AIRLINE 176 9727402745	43,840.00	0.00	0.00	43,840.00
TAX 176 9727402745	21,473.00	0.00	0.00	21,473.00
SERVICE FEE 176 9727402745	2,173.91	15.00	326.09	2,500.00
	101,430.26		521.74	101,952.00

HTLCA5005	TIN23001684	0107202301072023	6781300000	6748691000	32609000	6781300000	4384000000	32609000012401Invoice	MUR	1000005TD
DTLIN23001684	09727402745	25042	SHLD	50042	6781300000	6781300000	32609000	6781300000	6781300000	3260900005TD
DTLIN23001684	09727402745	50042	ATK EK		4384000000	4384000000	0	4384000000	4384000000	0ZER
DTLIN23001684	09727402745	50042	TTX TAX		2147300000	2147300000	0	2147300000	2147300000	0ZER
DTLIN23001684	09727402745	62121	ATK		2173910000	2173910000	0	2173910000	2173910000	0STD
DTLIN23001684	09727402745	26060092			32609000	32609000	0	32609000	32609000	0STD
HTLCA5005	TIN23011684	0107202301072023	3413900000	3394335000	19565000	3413900000	2281500000	19565000012401Invoice	MUR	1000005TD
DTLIN23011684	19727402744	25042	SHLD	50042	3413900000	3413900000	19565000	3413900000	3413900000	1956500005TD
DTLIN23011684	19727402744	50042	ATK EK		2281500000	2281500000	0	2281500000	2281500000	0ZER
DTLIN23011684	19727402744	50042	TTX TAX		9824000000	9824000000	0	9824000000	9824000000	0ZER
DTLIN23011684	19727402744	62121	ATK		1304350000	1304350000	0	1304350000	1304350000	0STD
DTLIN23011684	19727402744	26060092			19565000	19565000	0	19565000	19565000	0STD

c. In the Detail Record, the 'Line Description' field will be:

- i. the ticket number, if an airticket

ii. the addon reference number

d. Example 'Line Description'

HTLCAS005	IN23001684	0107202301072023	6781300000	6748691000	32609000
DTLIN23001684	09727402745	25042	SHLD	50042	6781300000
DTLIN23001684	09727402745	50042	ATK EK		4384000000
DTLIN23001684	09727402745	50042	TTX TAX		2147300000
DTLIN23001684	09727402745	62121	ATK		217391000
DTLIN23001684	09727402745	26060092			32609000
HTLCAS005	IN23011684	0107202301072023	3413900000	3394335000	19565000
DTLIN23011684	19727402744	25042	SHLD	50042	3413900000
DTLIN23011684	19727402744	50042	ATK EK		2281500000
DTLIN23011684	19727402744	50042	TTX TAX		982400000
DTLIN23011684	19727402744	62121	ATK		130435000
DTLIN23011684	19727402744	26060092			19565000
HTLCAS005	IN23001685	0407202304072023	8078600000	8045991000	32609000
DTLIN23001685	09727402763	25042	SHLD	50042	8078600000
DTLIN23001685	09727402763	50042	ATK AF		4245000000
DTLIN23001685	09727402763	50042	TTX TAX		3583600000
DTLIN23001685	09727402763	62121	ATK		217391000
DTLIN23001685	09727402763	26060092			32609000
HTLCON003	IN23001686	0507202305072023	3934500000	3914935000	0
DTLIN23001686	00000106855	25042	ACELHTO	50042	3934500000
DTLIN23001686	00000106855	50042	HTO SIN		3784500000
DTLIN23001686	00000106855	62121	ATK		130435000
DTLIN23001686	00000106855	26060092			19565000
HTLSC0001	IN23001687	0507202305072023	3934500000	3914935000	0
DTLIN23001687	00000106854	25042	EMSCHTO	50042	3934500000
DTLIN23001687	00000106854	50042	HTO SIN		3784500000
DTLIN23001687	00000106854	62121	ATK		130435000
DTLIN23001687	00000106854	26060092			19565000

e. In the Header record, the 'Item Reference' field which is the Invoice/Credit Note reference, is also unique within the file. There is a digit sequence within the reference field when it contains multiple groupings:

f. Example:

HTLCAS005	IN23001684	0107202301072023	6781300000	6748691000	32609000
DTLIN23001684	09727402745	25042	SHLD	50042	6781300000
DTLIN23001684	09727402745	50042	ATK EK		4384000000
DTLIN23001684	09727402745	50042	TTX TAX		2147300000
DTLIN23001684	09727402745	62121	ATK		217391000
DTLIN23001684	09727402745	26060092			32609000
HTLCAS005	IN23011684	0107202301072023	3413900000	3394335000	19565000
DTLIN23011684	19727402744	25042	SHLD	50042	3413900000
DTLIN23011684	19727402744	50042	ATK EK		2281500000
DTLIN23011684	19727402744	50042	TTX TAX		982400000
DTLIN23011684	19727402744	62121	ATK		130435000
DTLIN23011684	19727402744	26060092			19565000

HTLRAM003	IN23001691	0507202305072023	350000000	350000000	0
DTLIN23001691	05013791969	25042	NULL	50042	350000000
DTLIN23001691	05013791969	50042	ATK MK		350000000
HTLRAM003	IN23011691	0507202305072023	350000000	350000000	0
DTLIN23011691	15013791968	25042	NULL	50042	350000000
DTLIN23011691	15013791968	50042	ATK MK		350000000
HTLRAM003	IN23021691	05072023072023	94000000	89435000	4565000
DTLIN23021691	29727402754	25042	NULL	50042	94000000
DTLIN23021691	29727402754	50042	ATK MK		50600000
DTLIN23021691	29727402754	50042	TTX TAX		8400000
DTLIN23021691	29727402754	62121	ATK		30435000
DTLIN23021691	29727402754	26060092			4565000
HTLRAM003	IN23031691	05072023072023	94000000	89435000	4565000
DTLIN23031691	39727402755	25042	NULL	50042	94000000
DTLIN23031691	39727402755	50042	ATK MK		50600000
DTLIN23031691	39727402755	50042	TTX TAX		8400000
DTLIN23031691	39727402755	62121	ATK		30435000
DTLIN23031691	39727402755	26060092			4565000

19 Sep

- Review call with Himanshu for Interface File
 - Generated file:
 - Files being saved under General Folder as 'interface file' as writer format and downloads as docx.
 - Tested upload on txt file, comes as writer
 - Updated settings in Workdrive, uploads and saves as .txt now
 - Generated files to be saved under Team folder: Interface Files
 - Naming convention (as per sample provided):
interface_file_07_to_11_jul_23.TXT
 - _2 if regenerated more times
 - Should have the workdrive download link in URL field in Custom module
 - Tax code
 - In Detail record, compare to example on files. The DR/CR codes within a section would be:
 - Invoice:
 - 50042, 62121, 26060092 - CR
 - 25042 - DR
 - Credit Note:
 - 50042, 62121, 26060092 - DR*
 - 25042 - CR
 - TBC, in some examples, Tax code is either DR/CR
 - Tax Code

- In line items only ZER, then it is ZER in header
- Once a line item has STD, the header tax is STD

Sup to travel but can't

Rs 25000

Refund from IATA

Not refund all.

Added penalty fee, add negative line >>

To provide 2 CR with interface file

10 Jan 2023

1. Testing/Fixing

1.1. Issues with Air tickets

1. Recent Air files fields are not being mapped:

BLK207;IM;;236;0000000000;1A1077250;001001

Related List

- Notes
- Attachments
- Emails
- Open Activities
- Closed Activities
- [Add Related List](#)

- Links
- [Add Link](#)

Overview Timeline

Hide Details

Airtickets Information

Created By	Majid Tunda Wed, 20 Dec 2023 12:07 PM	Airtickets Owner	Majid Tunda
Agent Email		Secondary Email	—
Airfile Name	AIRO2818_20122023113216.AIR	Class	—
Ticket Number	BLK207;IM;;236;0000000000;1A1077250;001001	Base Currency	—
Airline	B-ET C-7906/1247VLSU-1247VLSU-----D-231220	Base Fare	—
Passenger	LLEVE/RODERICK RELOX MR	Exchange Rate -	—
Flight Description	—	MUR Amount	—
		Total Tax	MUR 10,419.00

Ticket Tax

Currency -	Amount -	Code -
MUR	8012	YQ
MUR	46	JE
MUR	2361	XT

Flight Routing

Routing

9153695142

Related List

- Notes
- Attachments
- Emails
- Open Activities
- Closed Activities
- [Add Related List](#)

- Links
- [Add Link](#)

Overview Timeline

Airtickets Information

Created By	Majid Tunda Tue, 19 Sep 2023 10:11 AM	Airtickets Owner	Majid Tunda
Agent Email	JAYADUSORUTH@ARCADIA.MU	Secondary Email	—
Airfile Name	AIRO0593_16092023183647.AIR	Class	L
Ticket Number	9153695142	Base Currency	NPR
Airline	EMIRATES	Base Fare	51231.00
Passenger	SUNUWAR/SUBESH MR	Exchange Rate -	0.35
Flight Description	SUNUWAR/SUBESH MR ROUTING: KTM/DXB/MRU DEP 20-SEP-23 EMIRATES 9153695142	MUR Amount	MUR 17,930.65
		Total Tax	MUR 8,073.00

Ticket Tax

Currency -	Amount -	Code -
MUR	6121	YQ
MUR	1053	NP
MUR	899	XT

Flight Routing

Routing
002OKTM KATHMANDU DXB DUBAI EK 2154 L L 20SEP0155 0445 20SEP 0601 HK01 M O 73H 2PC ET 0435 N 1862 NP AE 2
003DXB DUBAI MRU MAURITIUS EK 0703 L L 20SEP1010 1645 20SEP

1.2. Issues with AZM Export (Interface File)

Reference Files

1. Extract of interface files for the reference invoices:
 - a. extract for TIN2301610.TXT
 - b. extract for TIN2301684.TXT
2. Files as exported from Zoho
 - a. TIN2301610 - Zoho Export.txt
 - b. TIN2301684 - Zoho Export.TXT
3. Manually fixed files which were successfully imported
 - a. TIN2301610 - Zoho Export - Fix-8Jan.txt
 - b. TIN2301684 - Zoho Export - Fix-9Jan.TXT
4. Excel file with Comparison of values:
 - a. AZM Export Issues - Compare IN2301610 & IN2301684.xlsx

Issues

1. Unmatched field values are highlighted and commented in Excel file.
2. VAT code position in header record is incorrect, should be in position 201 instead of 213
3. Invoice number (Item Reference) should be same in respective header and detail record: highlighted yellow
4. The Line description (ticket number) should be for the respective ticket: highlighted red (right side are correct values)

/Volumes/instance1_ZWD_0/N2...s/TIN2301684 - Zoho Export.TXT					/Volumes/instance1_ZWD_0/N2...684 - Zoho Export - Fix-9Jan.TXT				
HTL	IN10000024	1212202312122023	341	→	HTL	IN10000024	1212202312122023	341	←
DTLIN	10000024	09727402744	25042		DTLIN	10000024	09727402744	25042	
DTLIN	10000024	09727402744	50042		DTLIN	10000024	09727402744	50042	
DTLIN	10000024	09727402744	50042		DTLIN	10000024	09727402744	50042	
DTLIN	10000024	09727402744	62121		DTLIN	10000024	09727402744	62121	
DTLIN	10000024	09727402744	26060092		DTLIN	10000024	09727402744	26060092	
HTL	IN10000024	1212202312122023	1019	→	HTL	IN10000024	1212202312122023	678	←
DTLIN	10000024	19727402744	25042		DTLIN	10000024	19727402744	25042	
DTLIN	10000024	19727402744	50042		DTLIN	10000024	19727402744	50042	
DTLIN	10000024	19727402744	50042		DTLIN	10000024	19727402744	50042	
DTLIN	10000024	19727402744	62121		DTLIN	10000024	19727402744	62121	
DTLIN	10000024	19727402744	26060092		DTLIN	10000024	19727402744	26060092	

5. The Customer Code should pull from the associated Accounts record if B2B else from the Contact record (B2C) in the Invoice/Credit Note.

2. Fine Tuning

2.1. AZM Export: Exclude previously exported transactions

1. If an export is run for an overlapped period of Start and End dates of a previous export, the transactions (invoices or credit notes) which have been previously exported should not be included again.

AZM Export Information			
AZM Export Name	10 Oct 2023	AZM Export Owner	Majid Tunda
AZM Number	AZM010	Created By	Majid Tunda Tue, 10 Oct 2023 09:21 PM
Start Date	02-10-2023	Modified By	Majid Tunda Tue, 10 Oct 2023 09:21 PM
End Date	10-10-2023		
Workdrive URL	https://download.zoho.com/v1/workdrive/download/nlqsh457aafbd8f2241729187e0d192599cbb		

- a. In the Invoice or Credit Note, you can create a lookup field to the respective AZM Export record, so that when the export runs again, it will exclude those records.

2.2. Unposted Billings of Air tickets Report

1. Whenever an Air ticket has been invoiced (to single or multiple invoices), the respective invoice number must be indicated in the Air Ticket record (lookup field).
 - b. So that we can extract a report of 'Unposted Billings', that is, air tickets which have not been invoiced.

2.3. Subform in Air Ticket module to show ticket breakdown

Related List

- Notes
- Attachments
- Emails
- Open Activities
- Closed Activities
- [Add Related List](#)
- Links
- [Add Link](#)

Overview Timeline

Agent Email	JAYADUSORUTH@ARCADIA.MU	Class	L
Airfile Name	AIR00593_16092023183647.AIR	Base Currency	NPR
Ticket Number	9153695142	Base Fare	51231.00
Airline	EMIRATES	Exchange Rate -	0.35
Passenger	SUNUWAR/SUBESH MR	MUR Amount	MUR 17,930.85
Flight Description	SUNUWAR/SUBESH MR ROUTING: KTM/DXB/MRU DEP 20-SEP-23 EMIRATES 9153695142	Total Tax	MUR 8,073.00

Ticket Tax

Currency -	Amount -	Code -
MUR	6121	YQ
MUR	1053	NP
MUR	899	XT

Flight Routing

Routing

002OKTM KATHMANDU DXB DUBAI
EK 2154 L L 20SEP0155 0445 20SEP
OK01 HK01 M O 73H 2PC ET O435 N
1862 NP AE 2

003XDDB DUBAI MRU MAURITIUS
EK 0703 L L 20SEP1010 1645 20SEP
OK01 HK01 O 388 2PC 3 ET O635 N
3144 AE MU

- The Flight Routing subform currently shows each H-record as a row of single text field, the fields need to be broken down into columns:
 - Tattoo Number
 - Segment Number
 - Stop Over Id
 - Origin Airport Code
 - Origin City Name
 - Destination Airport Code
 - Destination City Name
 - Airline Code + Flight Number
 - Class of Service
 - Class of Booking
 - Departure Date/Time
 - Arrival Date/Time
 - Meal Code
 - Number of Stops
 - Equipment Type
 - Entertainment Code

- q. Baggage Allowance
 - r. Checkin Terminal
 - s. Electronic Ticket Segment Indicator
 - t. Flight Duration Time
 - u. Origin Country Code
 - v. Destination Country Code
 - w. Arrival Terminal
2. Refer to Excel file containing Airfile Field mapping

A		B		BO		BP		BQ	
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6	Column 7	Column 8	Column 9	Column 10
0	0000	0000	0000	0000	0000	0000	0000	0000	0000
1	H005	0020CCU	KOLK Y	H005	H005	segmentNumber	stopOver	originAirportCode	originCityName
2	H005	0030DXB	DUBAI	H005	H005	0030DXB	0030DXB	0030DXB	0030DXB
3	H005	0040MRU	MAUR	H005	H005	0040MRU	0040MRU	0040MRU	0040MRU
4	H004	0050DXB	DUBAI	H004	H004	0050DXB	0050DXB	0050DXB	0050DXB

BS		BT		BU	
Column 14	Column 15	Column 16	Column 17	Column 18	Column 19
Destination Airport Code	Destination City Name plus Airport detail if applicable	airlineCode flightNumber Flight number suffix classOfService classOfBooking Departure Date (DDMMYY) departureTime arrivalTime arrivalDate			
MRU	MAURITIUS	EK 0701 U U 04JUL0235 0910 04JUL			
DXB	DUBAI	EK 0702 M M 25AUG1635 2310 25AUG			
CCU	KOLKATA	EK 0570 M M 26AUG0205 0815 26AUG			

BV		BW		BX		BY		BZ		CA		CB		CC		CD		CE		CF	
Column 17	Column 18	Column 19	Column 20	Column 21	Column 22	Column 23	Column 24	Column 25	Column 26	Column 27	Column 28	Column 29	Column 30	Column 31	Column 32	Column 33	Column 34	Column 35	Column 36	Column 37	Column 38
Status Code and Number in Party	pnrStatusCode	mealCode	numberOfStops	equipmentType	entertainmentC	sharedDesignatorCommuter	baggageAllowance	checkinTerminal	latestCheckinTime	Electronic Ticket Segment Indicator											
OK01	HK01	M	0	388			2PC		3	ET											
OK01	HK01	M	0	388			2PC			ET											
OK01	HK01	M	0	77W			2PC		3	ET											
transitionalCurrency	Composite...																				

CG		CH		CI		CJ		CK		CL	
Column 18	Column 19	Column 20	Column 21	Column 22	Column 23	Column 24	Column 25	Column 26	Column 27	Column 28	Column 29
cator	flightDurationTime	Flight Non-smoking	geographicalMile	originCountryCode	destinationCountryCode	arrivalTerminal					
	635 N		3144	AE	MU						
	635 N		3144	MU	AE	3					
	440 N		2095	AE	IN						