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IATA Pay Admin Portal Guide

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Table of Contents

Change History	4
1. Basic Concepts	6
1.1 Actors	6
2. Relevant Information	7
2.1 Transactions	7
2.2 Transaction Statuses	8
2.2.1 Payment Transaction Flow	9
2.2.1.1 Unexpected settled payment	9
2.2.2 Refund Transaction flow	10
2.3 Failure Codes	11
2.4 Merchants	11
2.5 Admin portal roles	11
2.6 How to use time range component	13
3. Admin Portal	15
3.1 Login	15
3.2 Dashboard Section (Stats)	19
3.2.1 Filters	19
3.2.2 Transactions over Timeline chart	20
3.2.3 Settled and Cleared payments and refunds dashboard	20
3.2.4 Failed payments and refunds dashboard	22
3.2.5 Transaction amounts dashboard	22
3.3 Payments Section	23
3.3.1 Main screen	23
3.3.2 Payment Filters	25
3.3.3 Payment Details	25
3.3.4 New Payment	28
3.3.5 Export payments or transactions to CSV	31
3.3.5.1 Export to CSV File format	31
3.4 Individual refund creation	33
3.4.1.1 From 3 dots menu	33
3.4.1.2 Entering payment description and clicking on new button	33
3.4.2 New refund screen	34
3.5 Multiple refund creation	35
3.5.1 Multiple refund dialog	36
3.6 Refunds Section	38
3.6.1 Single refunds	38
3.6.1.1 Refund Filters	39



3.6.1.	.2 Refund Details	40
3.6.2	Multiple refunds	41
3.6.2.	2.1 Main screen	41
3.6.2.2	2.2 Upload file with refunds	42
3.6.2.	2.3 Refund CSV file format	43
3.7 Mer	erchants Section	44
3.7.1	Main screen	44
3.7.2	Export merchants to CSV	45
3.7.3	Merchant Details	45
3.7.4	General	45
3.7.5	Credentials	46
3.7.5.	5.1 Notification secret	46
3.7.5.	5.2 Client credentials	47
3.7.6	Styles	49
3.7.7	TPPs	50
3.7.8	Advanced	52
3.7.8.	8.1 Refund Approvals	56
3.7.8.	8.2 Refund & Payment limits	56
3.7.9	Report	56
3.7.9.	0.1 IFG	57
3.7.9.2	0.2 Payment Report	58
3.8 Use	ers Section	61
3.8.1	Main screen	61
3.8.2	Export users to CSV	62
3.8.3	New user screen	63
3.8.4	Add new role screen	63
3.8.5	Own user details screen	64
3.8.6	Another user details screen	65
3.8.7	Deleting roles	66
3.9 App	provals Section	68
3.9.1	Main screen	68
3.10 S	Status Update Section ¡Error! Marcador no	o definido.



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		(Updated by Naiara Rodríguez Gutiérrez)



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		 Updated screenshots 3.6 Refunds section
		 Updated screenshots and text from Advanced tab in 3.7 Merchants section
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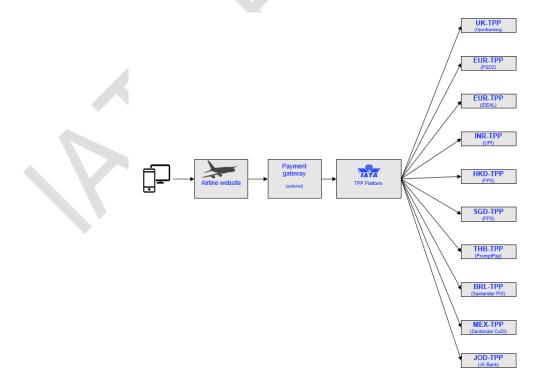


1. Basic Concepts

1.1 Actors

The execution of an IATA Pay operation involves the following actors:

- User, passenger and payer. The user is the one who wants to buy a ticket or other airline's services. In the case of buying a ticket, the user might not be the passenger. Also, the user might not be the payer, that is, the one who pays for the ticket/service. However, the user, the passenger and the payer use to be the same person.
- Airline website. Airline point of sales in Internet for direct sales transactions.
- **Payment gateway**. Piece of software that communicates the airline payment page with the acquirers (internal or external to airline). Some airlines use these gateways, while others don't. Since this actor is not always present, in this document we will consider that the airlines are the ones that communicate with IATA Pay, although it is done by a gateway.
- IATA Pay system. Acquirer platform which performs account to account operations.
- **TPP/PISP**. Regulated entity that processes the IATA Pay's operations.
- Payer's bank. Bank of the person who pays.
- **IATA's bank**. IATA's bank account where the funds will arrive after the operation is settled (payment request) and the origin account from where the funds are provided to perform a refund operation.

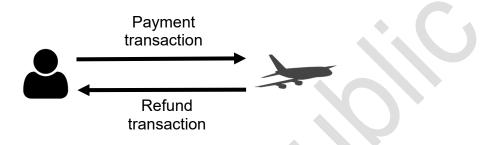




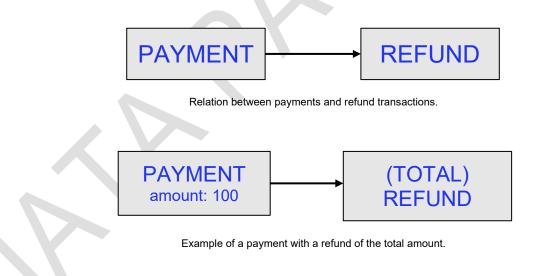
2. Relevant Information

2.1 Transactions

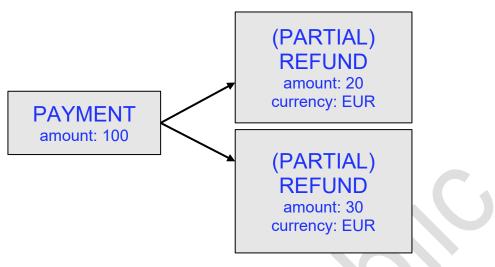
A **transaction** is an instance of money transfer between two parts. It can be a "payment" (user as payer and airline as recipient) or a "refund" (airline as payer and user as recipient):



- Payment transaction. Money transaction from the payer to the airline. It is usually generated when the user buys a ticket or an airline's service. A payment may have zero, one or more "refund" transactions.
- **Refund transaction**. Money transaction **from the airline to the payer**. It may be a total refund equal to the payment total amount or a partial refund of an amount lower than the payment total amount, on the condition that the total amount of all not failed refunds must be lower or equal to the payment total amount (the failed refunds don't count).







Example of payment with partial refunds.

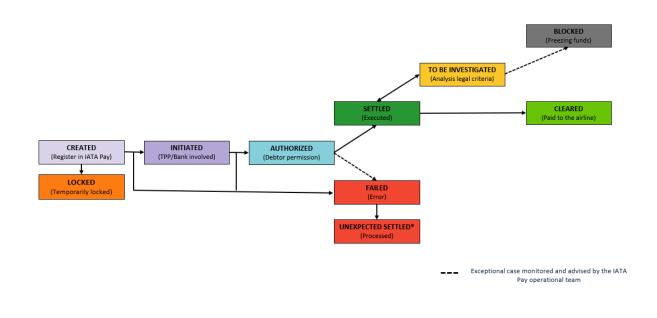
2.2 Transaction Statuses

The status of a transaction (payment or refund) may be one of the following ones:

- *CREATED*. The transaction has been created but not approved by the debtor.
- LOCKED. Only for refunds. The transaction has been temporarily locked.
- *INITIATED*. The transaction has been requested to the TPP/bank.
- AUTHORIZED. The transaction has been authorized by the debtor.
- SETTLED. The transaction has been executed.
- FAILED. The transaction process has failed.
- CLEARED. The transaction has been paid to the airline.
- UNEXPECTED SETTLED. Transaction with FAILED status force its status to UNEXPECTED SETTLED
- *TOBEINVESTIGATED*. Transaction with SETTLED status whose user, passenger or payer must be investigated for possibly not meeting legal criteria.
- *BLOCKED.* Transaction with previous status TOBEINVESTIGATED, which has not been able to pass the legal compliance process. Freezing fund until legal resolution.



2.2.1 Payment Transaction Flow

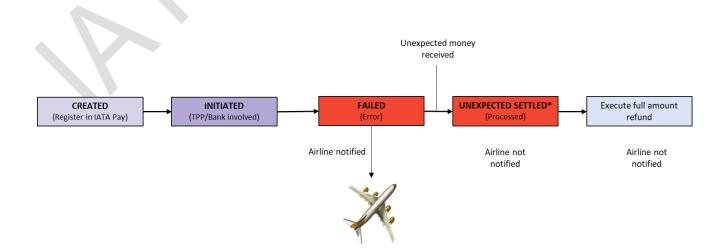


In addition, a payment transaction is considered as *FINISHED* when it is *SETTLED*, UNEXPECTED SETTLED, BLOCKED, *FAILED* or *CLEARED*.

2.2.1.1 Unexpected settled payment

In rare cases a payment that is already in failed status could be processed successfully, therefore money from that payment is received by IATA Pay system.

In that case the payment will adopt the proper successful status (AUTHORIZED or UNEXPECTEDSETTLED status) and automatically perform a refund of all the amount the payment has. Like any refund, it will be executed only when the payment is in UNEXPECTEDSETTLED status. These status changes and refund initiation will not be notified to the airline, in order to avoid confusion, as it was previously notified of the failure of the payment and no funds will be received by the airline from that payment, so it has to take no action on it.





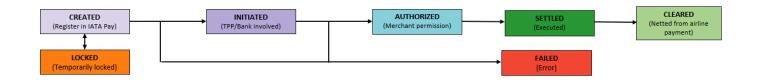
These status changes will be visible on the Admin Portal, on the payment events section, logging the status change as an event and registering the automatic refund execution in the refunds section so an operator can check it if needed.

ment details				
Details 🖾 Refunds 📑	3 Events			
Date	Event	Client	User	Details
05/22/2024, 3:21:57 PM	CREATED	XXX0000000-client		
25/22/2024, 3:21:58 PM	INITIATED			tar 'AAT' taptimus ladd: 23 • ppetet: tastantar 23 bactuar 23 bactuar 23 conset: 25 conset: 25
05/22/2024, 3:22:30 PM	INITIATED_TPP			ter 'AAT' ter /aansa Landa: 'Yan'telesten' * papetes: saturation / Tan'tan' saturation / Tan'tan' saturation / Tan'tan'tan'tan'tan'tan'tan'tan'tan'tan't
05/22/2024, 3:22:37 PM	FAILED			failurdam: "SMCL'" failurdam:trian: "Consultan secsion" failurdam:trian: "Do point to ben secsion" by the custow"
05/22/2024, 3:22:37 PM	NOTIFIED_WEBHOOK			<pre>mentionalizationCol: "https://webs.insuperior.id/a-pay.int.org/pp//1/ied/appayent/idapp//https:// mentionalizationalizationalizationalizationalizationalizationalizationalization" mentionalizationalization: "NAIDE" mentionalizationalization "Antiperior Control (Control (Control</pre>
25/22/2024, 3:22:43 PM	NOTIFICATION			<pre>isotrafycinalserman; "UCC00000000000000000000000000000000000</pre>
05/22/2024, 3:22:44 PM	NOTIFICATION			<pre>ilaringlystediarress: "DitControlOcomp21000000101000000100000000000000000000</pre>
05/22/2024, 3:22:44 PM	UNFAILED			
05/22/2024, 3:22:44 PM	AUTHORIZED			
95/22/2024, 3:22:44 PM	SETTLED			toplreviantesheta: "990702820000"
05/22/2024, 3:25:16 PM	COMPLIANCE_CLEARED			

Unexpected settled payment events example

These transactions are included in Airline reconciliation/transactional reports for transparency and potential need in case of end customer queries. Impact in net amount is Zero as there should be always a Payment and its refund for the same amount. Both Payment and Refund should have Unexpected Settled status.

2.2.2 Refund Transaction flow





In addition, a refund transaction is considered as **FINISHED** when it is SETTLED or FAILED.

Refund will be marked as *CLEARED* with the same process as for Payments (T+1 working days) by netting these against the positive sales reported as *CLEARED*

2.3 Failure Codes

Every failed transaction will have one of the following failure codes:

- CANCEL. The user has cancelled the transaction.
- *TIMEOUT_CREATED*. The transaction has exceeded the maximum waiting time (10 minutes) with the status CREATED.
- *TIMEOUT_INITIATED*. The transaction has exceeded the maximum waiting time (18 minutes) with the status INITIATED.
- *TIMEOUT_AUTHORIZED*. The transaction has exceeded the maximum waiting time (the time depends on the transaction channel) with the status AUTHORIZED. This is an unexpected error very unusual that requires a cancelation of the purchased service if this has been already issued.
- *TIMEOUT_LOCKED*. Error produced only on refunds when has exceeded the maximum waiting time with the status LOCKED. This can be set according to the merchant's preferences.
- TPP ERROR. Unexpected error produced usually on transaction initiation on TPP / PISP side.
- UNEXPECTED. Unknown error. Unexpected error produced usually on transaction initiation on TPP / PISP provider or in IATA PAY.
- PAYMENT AUTHORIZATION FAILED. The TPP reject the authorization of the payment.
- PAYMENT URL RELODADED. The user refreshes the purchase page.
- INVALID TOKEN ID. The token id introduced by the airline is incorrect.

2.4 Merchants

Merchants are the logic division of an actor involved in IATA Pay system, you can create as many as you want to fulfil your requirements.

Even though in most cases merchants are going to be just a single airline, the concept of merchant is more powerful as it is designed to allow an airline to have more than one merchant if they need or want to. It could be useful for an airline to have one merchant per each market, that way the airline can separate markets easily inside IATA Pay. Other useful case could be a group of airlines who wants to create a merchant for each airline the group has.

2.5 Admin portal roles

The most important concept involving users in the admin portal are the roles associated with them.



Roles are granular, multiple roles of the same global/merchant can be applied to the same user at the same time. Each role grants permission to access to specific sections of the admin portal. If a user doesn't have permission, it won't see the section neither access by url to it, being redirect to a section the user has permission to access.

	Roles					
Activities	Admin Merchants	Admin User	Read Transactions	Create Payments	Create Refunds	Approve Refunds
Create Users		Х				
Modify Other Users		Х				
Read Users		Х				
Create Merchants	Х					
Modify Merchants	Х					
Read Merchants	Х					
Create Payments				Х		
Read Payments			Х	Х		
Create Refunds					X	
Read Refunds			Х		Х	
Approve Refunds						Х
Cancel refunds						Х
Read Auditory						
Manage Outages						
Read Monitoring						

There are six roles that can be assigned to the user:

- Admin Merchants: can see and admin all available merchants. Sections Allowed: Merchants
- Admin Users: can see and admin all available users. Sections Allowed: Users
- **Read Transactions:** can see all transactions, both payments and refunds and download transaction reports. *Sections Allowed: Dashboard, Payments, and Refunds.*
- Create Payments: can create manual payments. Sections Allowed: Payments
- Create Refunds: can create manual refunds. Sections Allowed: Refunds
- Approve Refunds: can approve refunds in locked status. Sections Allowed: Approvals

These roles are applied to:

- Merchants: all the previous privileges are only granted to the indicated merchant.

If by any case the user logged into the admin portal has no roles assigned, thus not being able to see or enter any section, the following screen will be shown so that user knows it and can contact an admin to get roles.



Hello,
Paloma Lopez Fernandez
Fernandez
🖸 Help
[→ Sign out
IATA Pay
Admin Portal

2.6 How to use time range component

These sections will help you understand this component in case you have encountered problems trying to use it in any filter. Once the component is open, you will see an image like the one below "No range selected". You just have to click on two different dates to apply the filter. Those two different dates could be a combination of two clicks on a day of the calendar or one click on a day of the calendar and today button (same result as clicking on the grey background day).

Once you have clicked the dates you can see above in the bar the start and finish date. The filter will only work if there are two dates selected (it is applied automatically), before that it will not apply.

In any case you want to reset the filter, click clear button.

These examples below represent the flow of the component.



	> <	July 2	2024	> <		Ju	ly 20)24		>
Su Mo Tu We Th Fr	Sa Su Mo	/lo Tu We	Th Fr	Sa Su	Мо	Tu	We	Th	Fr	Sa
30 1 2 3 4 5	6 30 1	1 2 3	4 5	6 ₃₀	1	2	3	4	5	6
7 8 9 10 11 12	13 ⁷ 8	8 9 10	11 12	13 7	8	9	10	11	12	13
14 15 16 17 18 19	20 14 15	15 16 17	18 19	20 14	15	16	17	18	19	20
21 22 23 24 25 26	27 21 22	22 23 24	25 26	27 21	22	23	24	25	26	27
28 29 30 31 1 2	3 28 29	29 30 31	1 2	3 28	29	30	31	1	2	3
^ ^		^	^			^		^		
00 : 00		00 :	00			00	:	00		
~ ~		\sim	\sim			\sim		\sim		



3. Admin Portal

IATA Pay offers to the airlines' administrators and operations staff an administration web portal.

This website is useful to check the payments and status. Also, merchant details and API credentials can be configured inside the portal.

This website has a URL for each isolated environment:

- Sandbox. Environment for testing. <u>https://sandbox.iata-pay.iata.org/admin-portal/</u>
- Production. Environment for real payments. <u>https://iata-pay.iata.org/admin-portal/</u>

The portal is composed of the following sections.

3.1 Login

In order to access the IATA Pay Portal, you need user IATA credentials. You can access to IATA Customer Portal through this link: Login (iata.org).



IATA Customer Portal login screen

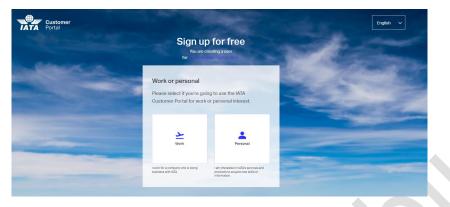
In case you are a new user, you must create a new account in the IATA Customer Portal. In order to create it, you must click on "Sign up for free" or on "Create New User" at the bottom of the screen.



IATA Customer Portal sign in screen



You will be asked to type in your email account. Click on the "Sign up" button to continue with the registration. You will be queried if the account is to be used for work or for personal interest.



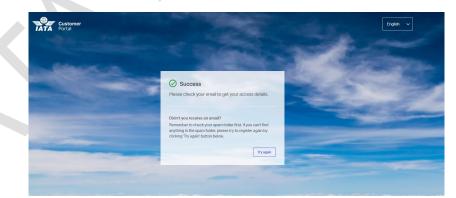


Next, you will have to fill in some personal information.

Customer Portal	Sign up for free You are creating a user for incompact of the output	English 🗸
-	Your name Tellus who you are by introducing your first and last name. Frances (Seven name)	
	Last name (Family name)	
	Country/Territory Spain ~	
	By clicking Next you confirm you have read and agree to the following terms: Privacy Policy Terms of Use	
	< Back to the previous page Next	M ALTON



Click on the "Next" button to complete the registration. You will see a success notification of your registration.



Right away, you will receive an email confirming the registration as following:



Thank you for registering to the IATA Customer Portal. You're just one step away from getting access!

Please confirm your email address by clicking here.

For security reasons, this link is valid for 8 hours. After the time limit has expired, you will have to resubmit your request.

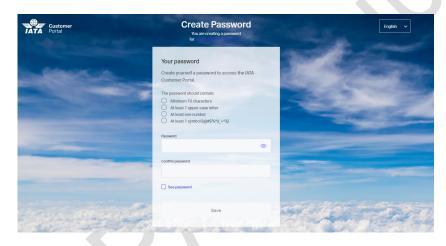
Thanks for being part of IATA.

IATA

🐭 Our mission is to represent, lead and serve the airline industry

Confirmation email

After clicking on the link "here", you will be redirected to the following screen. You will be asked to set up a password for your account, which must satisfy the necessary conditions. Click on the "Save" button to create your new password.



Finally, a welcome email will be sent to you.

We are happy to have you with us in our IATA Customer Portal!

The IATA Customer Portal is packed with useful services, product information, useful tips and tricks specially tailored for you. You can use it to contact our Customer Services Team easily, including live chat or directly purchase from our online store. It's your gate to IATA!

Take me to the Portal!

To enhance your IATA Customer Portal experience even more, you can complete your account information whenever you want to. You can easily do so by clicking <u>here</u>.

We hope you enjoy our IATA Customer Portal!

Thanks for being part of IATA.

IATA

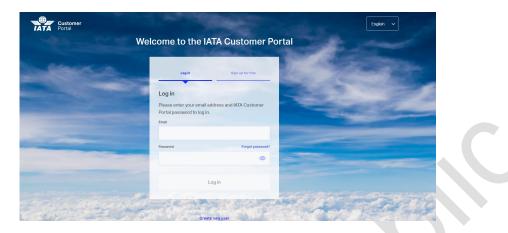
👷 Our mission is to represent, lead and serve the airline industry

Welcome email

 Once you are registered, click on <u>https://iata-pay.iata.org/admin-portal/</u> in order to access to the login screen. Just type in your email account and password and you will be redirected to the admin portal main screen.

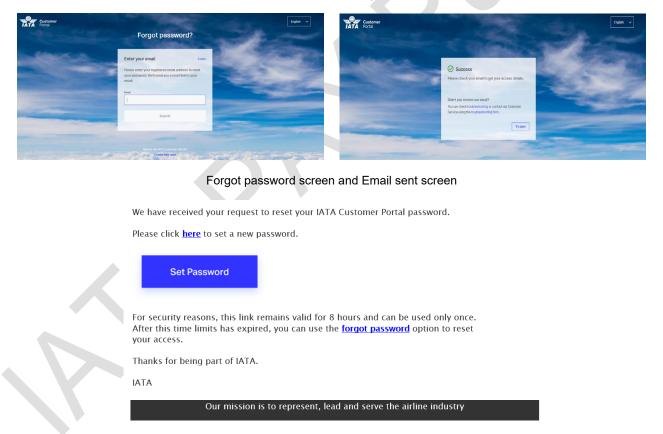


In case you forget your password, you will need to click on the "Forgot Password?" link just above the "Password" box. Click on Login (iata.org) to get to IATA Customer Portal login website.



IATA Customer Portal login screen

In this screen you must use your email to reset your password. Once you have completed this step, an email sent screen will show up and an email will be sent to you.



Reset password email

Now, you will be able to set up your new password by clicking on the "here" link.



3.2 Dashboard Section (Stats)

In this section you can see multiple and different dashboards with the most valuable information about all the transactions made with IATA Pay, of the merchants that your user has a role. You can also filter by time the dashboard to see a quick and clear graphic representation of the usage of IATA Pay, instead of having to go transaction by transaction to get important information.

This section has only a main screen where the dashboard and the filters to be applied are represented.

All charts that compose the dashboards have the ability to hide the values when you click on them.

Also, if there is no info available to fill a chart (due to the filters applied), instead of showing an empty chart a message like the following will appear.

Refunds		0 in total	
by Error Type			
	There is no data to display		

3.2.1 Filters

The dashboard has a series of filters applied by default, last week transaction of all your user has role to see. Filters currently applied to the dashboard can be seen next to the Filters applied word.

You can filter all dashboards by:

- **Time range:** either choosing a fixed period like today, last week, this month and this year, or choosing a specific time range in the calendar input.
- Merchants: set of merchants the user has a role (see admin portal roles for more info).
- Countries: list of available countries in the system.
- Currencies: list of available currencies in the system.

Once you get the desired values to filter, you can click on apply and the dashboard will be reloaded with these filters applied and filters section will be hidden.

Another option is to click on the refresh button. Refresh is useful when you want to reload the dashboard without doing any change to the filters, but it also applies filters changes, the difference with apply button is that refresh doesn't hide filters bar, so that way you can try it out several filters, click on refresh to see the changes between filters and when you are done changing filter, click either on apply or filters button to hide filters bar.



Dashboard

Date Range	e							
Today	This week	Last 7 days	This month	Last 30 days	This year Last 12 months		Range	Ë
Merchants					Countries		Currencies	
All (107)				~	All (28)	~	All (15)	~

3.2.2 Transactions over Timeline chart

This chart represents the number of transactions in the system, in the time frame selected in the filters, comparing payments versus refunds.



3.2.3 Settled and Cleared payments and refunds dashboard

This section contains several donut charts comparing payments with refunds, grouping the data by country, currency, or merchant. Above the charts there is the total number of payments or refunds shown in the charts.





by Organization by Organization LA045 SQ618 LX724 LH220 FH349 SQ618 FZ141 KB787 FH349 TR668 PG829 PC624 EK176 OS257



3.2.4 Failed payments and refunds dashboard

This dashboard contains two donut charts comparing failed payments with failed refunds, each colour shows the cause of the failure. Above the charts there is the total number of failed payments or failed refunds shown in the charts. Some of these errors may be normal because they correspond to cases of unfinished payments.

		Failed Tra	ansactions		
Payments		117 in total	Refunds		2 in total
by Error Type	Timeout on initiated status Timeout on created status User cancel Tpp error Payment authorisation failed		by Error Type	Unexpected error	

3.2.5 Transaction amounts dashboard

This section contains data about the transactions, to have a quick overview of all the money involved in all transactions. Transactions are grouped by the currency, to avoid false amount comparisons.

	PAYMENTS			REFUNDS			
Currency	Count	Avg.	Total	Count	Count Avg.		Result
AUD	431	A\$3,317.93	A\$1,430,029.14	21	A\$3,549.22	A\$74,533.54	A\$1,355,495.60
BRL	11775	R\$1,704.71	R\$20,072,945.28	509	R\$664.05	R\$337,999.35	R\$19,734,945.93
СОР	4542	COP714,890.98	COP3,247,034,845.00	0	COP0.00	COP0.00	COP3,247,034,845.00
EUR	19128	€444.32	€8,499,020.61	2746	€246.14	€675,899.84	€7,823,120.77
GBP	496	£872.07	£432,548.88	118	£292.26	£34,486.43	£398,062.45
GHS	2	GHS1.00	GHS2.00	0	GHS0.00	GH50.00	GHS2.00
нкр	134	HK\$4,896.25	HK\$656,098.08	15	HK\$4,147.27	HK\$62,209.00	HK\$593,889.08
INR	14426	₹9,511.20	₹137,208,607.73	817	₹8,650.76	₹7,067,669.65	₹130,140,938.08
JOD	77	JOD268.810	JOD20,698.500	6	JOD199.450	JOD1,196.670	JOD19,501.830
MYR	478	MYR996.66	MYR476,404.37	21	MYR919.56	MYR19,310.84	MYR457,093.53
РНР	1410	₽5,944.64	₽8,381,949.00	111	₱3,120.38	₱346,362.00	₽8,035,587.00
SGD	137	SGD406.90	SGD55,745.10	1	SGD0.50	SGD0.50	SGD55,744.60
тнв	1733	THB15,601.64	THB27,037,636.13	47	THB14,485.32	THB680,810.00	THB26,356,826.13
VND	75	₫20,232,154	₫1,517,411,566	2	<u>d</u> 11,947,000	₫23,894,000	d1,493,517,566



3.3 Payments Section

In this section you can see all the information about all the payments made with IATA Pay. This screen allows to see the related refunds too.

3.3.1 Main screen

Payments shown in the main screen contains the most useful information about them, if you want to see all the info in more detail, just click on the payment and you will see the payment detail screen.

The section is about transactions (payments + refunds), the main page shows payments and as part of those payments, there will be the refunds, if at all.

Payme	nts			+ New	D Multiple Refund	Export payments to CSV	Export transactions to CSV	$\mathcal C$ Refresh
Status	ID	Amount	Country	Merchant	Creation Date 1	Finish Date ↑↓	Clearance Date 1	√ Filters
•	P073D2N5IPIAX Merchant payment id is not defined	€1.00	ES	YY1280000	07/30/2024, 10:21 AM	M 07/30/2024, 10:21 AM		:
•	P1AX9CCLWUN7C Merchant payment id is not defined	€11.00	DE	AB1230002	07/29/2024, 10:27 AM	M 07/29/2024, 10:27 AM		:
•	P4A9JBG47TVIN IOWHYOM6TOG8IEBCOINO PNR is not defined	€1.01	DE	XX0000000	07/29/2024, 10:28 AM	M 07/29/2024, 10:29 AM		1
•	PAUSGMJCEGN5Q Merchant payment id is not defined	JOD12.120	JO	JJ0000010	10/23/2023, 5:44 PM	10/23/2023, 5:45 PM		:
٠	PXK6WAB47GRC6 Merchant payment id is not defined	JOD12.120	JO	JJ0000010	10/24/2023, 10:17 AM	M 10/24/2023, 10:22 AM		:
•	PQ9MG0ROWQNY1 Merchant payment id is not defined PNR is not defined	JOD1.000	JO	J0000000	11/02/2023, 1:00 AM	07/29/2024, 10:18 AM		÷

Transaction main page screen

The table shows from left to right:

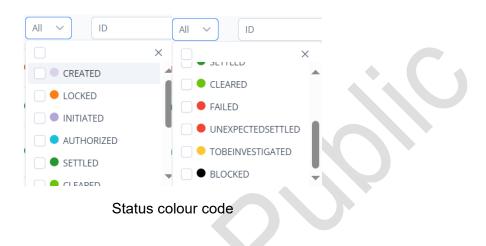
- Status: phase in which the payment is at the moment, <u>can be in these statuses</u>. The status of the transaction has a <u>colour code</u> to help the user identifying the status in a fast manner. Green dot is for settle and red for <u>failed</u>, <u>here are the different colour codes</u> (if you hover over the dot, a more specific tooltip will appear indicating the status). This field is important because refunds can only be done for payments with settle status (green dot).

• **ID:** represents the iataPaymentId field in the API and is the unique identifier on the payment inside the system.

- **Amount:** shows both the payment amount and, if there is a refund, in red will be the total refunded amount of that payment.
- **Country:** market where the payment was created.
- **Merchant:** id of the merchant who created the payment.
- **Creation date:** exact time when the payment was created. You can sort in ascending or descending order by clicking on the arrows.



- **Finish date:** exact time when either the payment was settled or had an error. You can sort in ascending or descending order by clicking on the arrows.
- **Clearance date:** exact time when the payment was cleared to the corresponding merchant. You can sort in ascending or descending order by clicking on the arrows.



The payments ids will be sorted according to their latest update. Not by Clearance Date.

Only settle payments, if there is any refund done, you will see a toggle up and down icon that if clicked will expand or hide the refunds tab, so all the information about the refunds done to the payment can be quickly seen.

~ •	P6E4OGJU0VGTB Merchant payment id is not defined	€12.00 -€12.00	ES XX	0000004 PM		07/18/2024, 12:00 PM		
Refun	ds							
tatus	Refund id	Payment id	Date		Amount	Country	Reason	
•	RO2K81GS92N38 Merchant refund id is not defined	P6E4OGJU0VGTB Merchant payment id is not defined		024, 12:12 PM	€12.00 €12.00	ES	Lambda Airlines REFU	:

Transaction main page screen with a settled payment the expanded tab open

If we click on the three dots on the main screen and the payment is in status "cleared" and "settled" the following options will appear: "details" and "new refund".

Payment	s		+ New	f≡ Multip	le Refund 🕒 Export	bayments to CSV	Export transactions to CSV	\mathcal{Z} Refresh
Status	ID	Amount	Country	Merchant	Creation Date 1	Finish Date 1	Clearance Date 1	— Filters
All 🗸	ID	Amount	Al V	All 👻	Range 🗎	Range 🗎	Range 🗎	Q 🗇
•	PM1UD8XDIXKMN IP82X00x60V9[29C702O PNR is not defined	COP1.00	со	XX0000000	12/09/2024, 5:46 PM	12/09/2024, 6:03 PM		1
•	PGV11WB4UG871 VN6VID9105CUU555JE53 PNR is not defined	COP1.00	со	XX0000000	12/09/2024, 5:53 PM	12/09/2024, 5:55 PM		1
•	PM4XNE35ICQXY ZW18PWR2I55XO4PNJOBO PNR is not defined	COP1.00	со	XX0000000	12/09/2024, 5:07 PM	12/09/2024, 5:07 PM		1
•	P8VN0PEMBTP0N Merchant payment id is not defined PNR is not defined	€1.00	DE	XX0000000	12/09/2024, 4:45 PM	12/09/2024, 4:45 PM	Q. Detail	1
•	PTMEB7GV9GTL6 UETUHMPBZ6RYEX4H33EK	₹1.01	IN	XX0000007	12/09/2024, 4:48 PM	12/09/2024, 4:48 PM	+ New r	
•	PIQ758RXYAY4Q F6WQ02J9FA4QU4ITDJAN	₹1.01	IN	XX0000006	12/09/2024, 4:47 PM	12/09/2024, 4:47 PM		:
•	PRLSZSW5MC4JO Merchant payment id is not defined PNR is not defined	€1.00	DE	XX0000000	12/09/2024, 4:44 PM	12/09/2024, 4:44 PM		:



3.3.2 Payment Filters

The payment section also has a series of filters you can applied. Filters currently applied to the payments section can be seen next to the Filters applied word (All by default). The filters will be applied once you click on the loupe.

Status I	D	Amount	Country	Merchant	Creation Date $\uparrow\downarrow$	Finish Date ↑↓	Clearance Date $\uparrow\downarrow$	— Filters
All V	ID	Amount	All ~	All V	Range 🖽	Range 🛱	Range 🛱	Q 🗇

Payment filters section you can apply to the payments section

You can filter all payments by:

- **Status:** list of available status codes by colour.
- **ID:** input you can use to get specific payment by its payment unique identifier. You can also filter by the field Tpp Transaction Id
- Amount: possibility to filter by quantity of the payment.
- Countries: list of available countries in the system.
- Merchants: set of merchants the user has a role (see admin portal roles for more info).
- **Creation date:** to search for payments created within a given date range. You can sort in ascending or descending order by clicking on the arrows.
- **Finish date:** to search for payments by the last update within a given date range. You can sort in ascending or descending order by clicking on the arrows.
- **Clearance date:** to filter according to the clearance date range. You can sort in ascending or descending order by clicking on the arrows.

Once you get the desired values to filter, you will need to click on the loupe to filter as expected.

3.3.3 Payment Details

This section contains all the information about the selected payment. The information is separated in three tabs:

- Details: Includes payment details and status.
- Refunds: Includes all the related refunds for this payment
- Events: Information about all the payment events.

The action you can perform is creating a refund, (only for Merchant Admin or IATA Operations roles).

If the transaction is in status **CLEARED / SETTLED**, the field "Settlement Id" will be completed whether in the other cases it will be empty. The departure date field will be also available if the merchant provides the information.



Payment details

① Details	S					
Merchant	XX000000					
Merchant Payment Id	Not defined					
IATA Payment Id	PZG1GKJRBM5RO					
TPP Payment Id	201511423320	201511423320				
Settlement Id	20250612D_2400000001 2	20250612D_2400000001 201511423320				
Amount	GH51.00					
Country	GH	Locale	en-GB			
Description	Lambda Airlines					
PNR	Not defined					
Departure Date	Not defined					
Status	SETTLED					
Compliance Done	\otimes					
Creation date	06/10/2025, 10:30 PM					
Finish date	06/12/2025, 6:05 PM					
Last update date	06/12/2025, 6:06 PM					
Clearance date	Not defined					

Payment details tab

New refund	I	×
Refund request Amount	for payment PB2I6AD7M8P1W	
€1.00		
Amount must be b	etween 0.01 and 1	_
Reference	Optional	
	Refund/transaction ID for the merchant.	
Reason		
Optional		
Description for the characters, limited	refund transaction that will appear in bank statement. Only alphanumeric and ?/:()-,'+ - to 140.	
	Cancel V Refu	ıd

New refund button



The field "Settlement Id" will be completed if the transaction is in status cleared or settled whether in other cases it will be empty. The departure date field will be also available if the information is provided by the merchant.

Details	S Refunds 借 Events				
Refunds	+ New				
Status	Refund id	Date	Amount	Reason	
There are no ref	unds for this payment				
Refunded 00.00 9	% of €1.00 Unrefund	ed €1.00 TOTAL: €0.00			
		Paymer	t refunds tab		
		Paymer			
Payment deta	ils				>
① Details	Refunds 🗄 Events				
Date	Event	Client User	Details		
07/19/2024, 11	:16:08 AM CREATED	v-fonsecay@iata.org (Yamel Fonseca) <yamelfonseca@kpmg.e< td=""><td>5></td><td></td><td></td></yamelfonseca@kpmg.e<>	5>		
			tpp: "DB" tppTransactionId: "PB2IGAD7M8P1W0"		
			<pre>payerInfo: accountCountry: "DE"</pre>		
			tokenType: <mark>7011</mark> bankCode: <mark>7011</mark>		
			consent: null tokenId: "****"		
			 details: paymentAlternativeId: "PB2IGAD7M8P1W8" 		
			instructedPaymentProduct: 1011 paymentId: "PB2IGAD7M8P1W8"		
07/19/2024, 11	I:16:16 AM INITIATED		adjustedPaymentReference: null • creditorAccount:		
			iban: "****" currency: "EUR"		
			<pre>* instructedAmount: amount: 1</pre>		
			currency: "EUR" paymentProduct: "instant-sepa-credit-transf	and cana_readit_trancford"	
			<pre>status: code: "RECEIVED"</pre>	n ayaqan ci daken ci anaror a	
			reason: null dateTime: "2024-07-19T09:16:15.16"		
			paymentAlternativeId: "PB2I6AD7M8P1W0"		
			<pre>instructedPaymentProduct: "instant-sepa-credit- kind: "AUTHORIZED"</pre>	transfers"	
			paymentId: "PB2I6AD7MBP1W0" adjustedPaymentReference: "80SPXBY1QD PB2I6AD7M	8P1W0 YY128 MT"	
			<pre>* creditorAccount: iban: "****"</pre>		
			currency: "EUR" from: "DB"		
			<pre>, instructedAmount: amount: 1</pre>		
07/19/2024, 11	:16:46 AM NOTIFICATION		<pre>currency: "EUR" paymentProduct: "instant-sepa-credit-transfers,</pre>	sepa-credit-transfers"	
			<pre>status: code: "ACCEPTED"</pre>		
			reason: null		
			<pre>v dateTime:</pre>		

Payment events tab



3.3.4 New Payment

In the Payments section there is a "New" button. When clicking on it, the "New Payment" dialog will show.

This feature allows to create a payment "Out of the Box" without any development. An airline operator can create a "Payment request" and get a link to send to the customer so it can perform the payment. Once the payment is completed, the operator is notified in order to continue with the ticket emission process.

New Payment				×
Merchant*	Select Merchant V	Authorization Timeout	Optional Authorization payment timeout (minutes 1-60)	
Country*	Select Country	Language*	Select Language	~
Amount*	Select country for payment. You must select a Merchant first Amount	Currency*	Select language for payment Select Currency	~
	Payment amount		Select currency for payment. You must select a Country first	
Reference	Optional	Valid Until	07/31/2024 00:00	n
	Unique payment/transaction ID for the merchant.		The date in which the payment link will expire. Retryable until this date.	
Description	Optional			
	Description for the payment transaction that will appear in bank statement. Only alphanumeric and 7/:0, + - characters,	limited to 140.		
Airline notifications				-
Airline Notification Emails				
Optional			1471-01/7	
Nourication email, or comma separated list of emails to s	end a notification after payment authorization or failure. Several notifications may be sent if the payment fails and is retry	able. This is held is not intended for costomer notific	n TOTAS.	
Customer communication				-
This section is intended to show information to	the customer when the payment process is finished.			
Success Message Custom redirect URLs				
Success Message				
Optional				
Message to show in the default success page. If you wish	to redirect to a custom success page, please provide the CUSTOM REDIRECT URLS instead. Limited to 1500.			
				Cancel Create

This dialog includes the required data fields to create a Payment and some extra fields:

Required fields:

- **Merchant Id:** Dropdown to select the merchant associated to the payment. If the user has only one merchant assigned, it will be pre-selected. The disabled merchants won't appear in the dropdown list of the creation of the payment. The completed name of the merchant will appear next to the Id.
- **Country:** Payment country. Once the first payment is created, in the next payment creation it will be pre-selected with the previous payment option.
- Amount: The amount of the payment.
- **Language:** Payment language. This field is used to select the language to display in the payment process web pages. Once the first payment is created, in the next payment creation it will be preselected with the previous payment option.
- **Currency:** The currency of the payment. Once the first payment is created, in the next payment creation it will be pre-selected with the previous payment option.

Non required fields:

- **Authorization Timeout:** Time range (min) allowed to authorize the payment. It should be an integer number between 1 and 60 minutes. E.g., if merchant wants the user to have 10 minutes to complete the payment it should be provided in payment request with that value: 'Authorization Timeout: 10'. This field is optional, so, if it is not provided, it will work as follows:



- 1. Firstly, if the merchant has completed the time within the merchant settings in the advanced options screen (Merchant Authorization Timeout), it will use that time.
- 2. Secondly, if the above is not completed by the merchant, the default timeout of 19 minutes shall be used for this case.
- Reference: The merchant payment Id.
- **Valid until:** The date limit for payment retry. A retriable payment can be retried up to 10 times or until the "valid until" date, whichever comes first. This field comes pre settled with 1 day limit.
- **Description:** Info to be displayed in the bank transfer description.
- Airline Notification Emails: An email or a list of commas separated emails to notify airlines operators or users when the payment process is finished. It comes pre settled with the currently authenticated user's email. Once the first payment is created, in the next payment creation it will be pre settled with the previous payment value. This field is not intended to send notifications to the customer.

Customer communication:

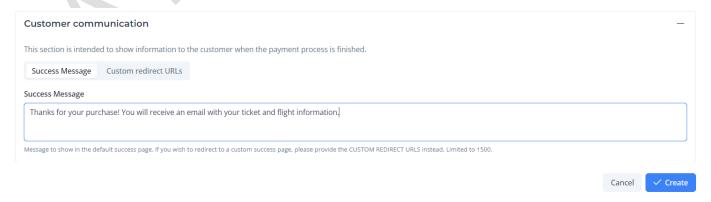
This non required fields are mean to notify the customer when the payment process is finished. There are two ways to do this:

- <u>Success Message</u>: A message to display in an IATA Pay custom success web page. If no message is set, this web page will show a default message.

This web page will have the corresponding airline logo and styles.

Customer communication	_
This section is intended to show information to the customer when the payment process is finished.	
Success Message Custom redirect URLs	
Success Message	
Optional	
Message to show in the default success page. If you wish to redirect to a custom success page, please provide the CUSTOM REDIRECT URLS instead. Limited to 1500.	
	Cancel 🗸 Create

For example, if a text "Thanks for your purchase! You will receive an email with your ticket and flight information." is entered:





Once the customer finishes the payment process, it will be redirected to a web page like this:

;	LAMBDA airlines		💄 Location	n # About	🖂 Contact
	1. Select flight	2. Passenger Data	3. Payment information	4. Purchase con	firmation
	Congr	atulations!	Price	e breakd	own
	Your flight booking is a Your booking is confirmed at within 3 hours.	confirmed ✓ nd the e-ticket will be mailed y	Price TOTAL		• 1,01 EUR
(Finish			details	•
-			DEPART MAD 13:10 RETURN SXF 11:30	 → ★ Thu 31s 	d Jan 2019 SXF 17:30 at Jan 2019 MAD 15:50

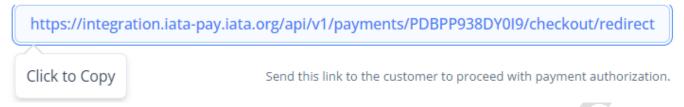
- <u>Custom redirect URLs</u>: If the airline has its own success and error web pages, the corresponding URLs may be indicated in these fields.

Customer comr	munication					
This section is intend	ed to show information to t	ne customer when the payment pr	ocess is finished.			
Success Message	Custom redirect URLs					
Success URL						
Default Success URI	L					
Success redirect URL.						
Error URL						
Default Error URL						
Error redirect URL.						
					Cancel	✓ Create

Once the payment is created, the following dialog will appear:



Payment Link



This dialog will provide the link to send to the customer in order to perform the payment. When clicking the link, it will be copied to the clipboard.

This link is not sent by IATA Pay to the customer automatically. Emails to the customer are the responsibility of the airline.

3.3.5 Export payments or transactions to CSV

It is possible to export payment and transactions (payments and refunds) to CSV by clicking on its respecting buttons.

ayment	ts		+ New	≋≡ Multiple	e Refund 🕒 Export p	payments to CSV	Export transactions to CSV	\mathcal{C} Refres
Status	ID	Amount	Country	Merchant	Creation Date $\uparrow \downarrow$	Finish Date ↑↓	Clearance Date $\uparrow\downarrow$	— Filters
All 🗸	ID	Amount	All 🗸	All 🗸	Range 🛱	Range	🛱 Range 🛱	Q 🗄
•	PM1UD8XDIXKMN IP82X0IA60YRJ29C70ZO PNR is not defined	COP1.00	СО	XX0000000	12/09/2024, 5:46 PM	12/09/2024, 6:03	9 PM	:
•	PGV1IWB4UG87I VN6VID91O5CUU55SJE53 PNR is not defined	COP1.00	СО	XX0000000	12/09/2024, 5:53 PM	12/09/2024, 5:55	5 PM	:
•	PM4XNE35ICQXY ZW18PWR2I55X04PNJOB0 PNR is not defined	COP1.00	СО	XX0000000	12/09/2024, 5:07 PM	12/09/2024, 5:07	7 PM	:
SETTLED	P8VN0PEMBTP0N Merchant payment id is not defined PNR is not defined	€1.00	DE	XX0000000	12/09/2024, 4:45 PM	12/09/2024, 4:45	5 PM	:
		_						

Transactions list screen

You can use the filters to export only the desired data, as only the transactions or payments displayed on the screen will be exported.

Take into account that it is only possible to export less than 30 000 transactions to CSV.

The name convention of the CSV has less than 30 characters and the following structure: "YYYY-MM-DD_HH-mm-ss.csv" indicating the date and time of export of the file.

3.3.5.1 Export to CSV File format

Field name Details



1	iata Transaction Id	Unique ID assigned by IATA for each specific transaction.
		It must be alphanumeric and 13 characters length.
		Payments start with P
		Refunds start with R
2	merchantld	Unique Identifier of the Airline in IATA Pay.
		It can be alphanumeric and 9 characters length.
		E.g., LB0000000 would refer to "Lambda Airlines", the fictitiou
		airline used for the demo.
3	merchantTransactionId	ID assigned by the merchant (airline) for each transactio (Payment or Refund).
		<i>MerchantPaymentld:</i> It is optional and unique. <i>MerchantRefundId:</i> it is optional and not unique.
		It could be empty if the airline does not provide it at the paymer or refund creation.
		This field may be empty if the airline does not provide th information.
4	creationDateTime	Date and time of when the payment or refund was created.
•		The format of the field is: "YYYY-MM-DD"T"hh:mm:ss"
5	finishDateTime	Date and time of when the payment was completed by th
5		customer and transferred to IATA's account.
		In the case of refunds, it is the date of when the payment is ser
		from IATA's account to the customer's account.
		The format of the field is: "YYYY-MM-DD"T"hh:mm:ss"
6	clearanceDateTime	Date and time of when the payment is sent from IATA's accourt
0	clearanceDaternne	to the airline's account.
		In the case of refunds, it is the date and time of when the func
		are sent from the airline's account to IATA's account.
		The format of the field is: "YYYY-MM-DD"T"hh:mm:ss"
7		This field may be empty if the payment is not in cleared status.
7	amount	Max 30 positions included point decimal separator and tw
		decimal positions. In case of refund transactions, amount will b
-		exported with negative sign.
	currency	Transaction currency code.
	accountCountry	Transaction account country code.
	status	Different status of the transaction. See <u>IATA Pay Integration guic</u> for detailed information.
11	failureCode	Different status of the transaction. See IATA Pay Integration guid
		for detailed information.
		This field may be empty if the transaction is not in failed status.
12	failureDetails	Failure details of the transaction.
		This field may be empty if the transaction is not in failed status.
13	type	PAYMENT or REFUND
	PNR	If the merchant is interested in including the Passenger Nam
		Record. This column is avoided if the list exported contair refunds.
		This field may be empty if the airline does not provide the
		information.
15	original payment	This field will be completed with the original payment id relativ
. ,	IATAPayID	to the refund.
		This field may be empty depending on the type of transaction.



3.4 Individual refund creation

You can create a refund from the three dots menu inside the transactions screen. The only requirement is that refunds must be on settled, cleared, or authorized status.

3.4.1.1 From 3 dots menu

Payment	S		+ New	≋≡ Multiple	e Refund 🕒 Export p	payments to CSV	Export transactions to CSV	$\mathcal C$ Refresh
Status	ID	Amount	Country	Merchant	Creation Date 1	Finish Date ↑↓	Clearance Date 1	— Filters
All 🗸	ID	Amount	All 🗸	All 🗸	Range 🛱	Range	Range	Q 🗇
•	PM1UD8XDIXKMN IP82X0IA60YRJ29C70ZO PNR is not defined	COP1.00	СО	XX0000000	12/09/2024, 5:46 PM	12/09/2024, 6:03 P	М	:
•	PGV1IWB4UG87I VN6VID9105CUU5SSJE53 PNR is not defined	COP1.00	СО	XX0000000	12/09/2024, 5:53 PM	12/09/2024, 5:55 P	Μ	:
•	PM4XNE35ICQXY ZW18PWR2I55XO4PNJOBO PNR is not defined	COP1.00	CO	XX0000000	12/09/2024, 5:07 PM	12/09/2024, 5:07 P	М	:
•	P8VN0PEMBTP0N Merchant payment id is not defined PNR is not defined	€1.00	DE	XX0000000	12/09/2024, 4:45 PM	12/09/2024, 4:45 P	M	:
•	PTMEB7GV9GTL6 UETUHMPBZ6RYEX4H33EK	₹1.01	IN	XX0000007	12/09/2024, 4:48 PM	12/09/2024, 4:48 P	+ New re	

3 dots menu click to show options, including doing a new refund

3.4.1.2 Entering payment description and clicking on new button



Payment details

Refu	nds						
Status	Refund id	Payment id	Date	Amount	Country	Reason	
•	RJW24VJYS8BWQ Merchant refund id is not defined	POKMP8VJY18GH Merchant payment id is not defined	07/18/2024, 11:58 AM 07/18/2024, 12:01 PM	€3.00 €3.00	DE	Lambda Airline	:

 \times

Refund section inside payment details

3.4.2 New refund screen

Once you have clicked on new refund, the screen below will appear. The default amount inside the input is the maximum amount allowed to refund, you can change it for whatever amount inside the limits indicated below amount input. Any try to refund an amount over the maximum allowed will be rejected.

You can add a reference (your merchant refund if) and/or a reason to the refund, you will see the reason in the <u>refund section inside payment details</u>.

Refund request for payment P1AX9CCLWUN7C Amount
€11.00
Amount must be between 0.01 and 11
Reference
Optional
Refund/transaction ID for the merchant.
Reason
Optional
Description for the refund transaction that will appear in bank statement. Only alphanumeric and a ().,'+ - characters, limited to 140.

New refund modal screen



3.5 Multiple refund creation

Instead of creating several refunds one by one, you can create multiple refunds at the same time clicking on the multiple refunds button.

Refur	ade		Single Refund Multiple Ref		
Refui					
Multi	ple				Multiple refund \vee 🏾 🍣 Refi
	Batch Refund ID	Batch info	Merchant	Creation Date	∑ Filte
>	BRJT861KVF45F Merchant batch refund id is not defined	Total: 2 refunds (© 0 • 0 • 0 • 2	XX0000000	02/23/2024, 12:13 PM	
>	BR1H2MLS7RMHW Merchant batch refund id is not defined	Total: 3 refunds ③ 0 ● 0 ● 0 ● 3	XX0000000	02/23/2024, 11:00 AM	
>	BRXKXZP7PUG8Z Merchant batch refund id is not defined	Total: 2 refunds ③ 0 ● 0 ● 0 ● 2	XX0000000	09/22/2022, 8:28 AM	
>	BRJ8PUM7SAU8D Merchant batch refund id is not defined	Total: 2 refunds ③ 0 ● 0 ● 0 ● 2	XX0000000	08/22/2022, 11:31 AM	
>	BRNRAUBW8WT5H Merchant batch refund id is not defined	Total: 2 refunds ③ 0 ● 0 ● 0 ● 2	XX0000000	08/08/2022, 11:04 AM	
>	BRMWFC4THFWGD Merchant batch refund id is not defined	Total: 1 refunds ⑦ 0 ● 0 ● 0 ● 1	XX0000000	07/28/2022, 10:58 AM	

Transactions list screen

Once the button is clicked, the transaction list will change to show transactions with only Settled, Cleared or Authorized status as these are the only transactions where a refund can be made.



Paym	ents			+	New 🗘 Mu	ltiple Refund	B Export	t payments to CSV	B Export transactions to CSV	₿ Refresh
Multiple R	efund: 2 paymer	nts selected							Refund	Cancel
	Status	ID	Amount	Country	Merchant	Creation Date	e îļ	Finish Date ↑↓	Clearance Date 1	7 Filters
	•	P4A9JBG47TVIN IOWHYOM6TOG8IEBC0INO PNR is not defined	€1.01	DE	XX0000000	07/29/2024, 1	0:28 AM	07/29/2024, 10:29 A	М	:
	•	P1AX9CCLWUN7C Merchant payment id is not defined	€11.00	DE	AB1230002	07/29/2024, 1	0:27 AM	07/29/2024, 10:27 A	М	÷
	•	PAUSGMJCEGN5Q Merchant payment id is not defined	JOD12.120	JO	JJ0000010	10/23/2023, 5	:44 PM	10/23/2023, 5:45 PM	1	:
	•	P9UITBNS9MOZ1 B2FW5XVC09MX830D5EAJ	₹1.01	IN	XX0000006	07/26/2024, 1	1:35 AM	07/26/2024, 11:35 A	M	:

Transactions list screen with multiple refunds button pressed

A grey bar with Multiple Refund title will appear showing the number of selected payments to do the multiple refund and two buttons to the right side, Refund, that opens the multiple refunds menu screen and Cancel that hides the multiple refunds menu and gets back to the transaction list.

On the multiple refund's menu, you can apply filters to the transactions listed. This filtering can be helpful so you can select all payments at the same time using the checkbox on top of the table, instead of not filtering and having to select the payments you want to refund one by one.

To select the payments to refund, you have a few ways to do so:

- 1. Click on the checkbox at the left side of each payment and click refund button
- 2. Click on the checkbox on top of the table selecting all refundable payments

3.5.1 Multiple refund dialog

Multiple refund	×
Merchant Multiple Refund Id	bptional Global unique multiple refund transaction ID for the merchant.
Reason for all refunds	Optional
	Global reason for the multiple refund transaction. Only alphanumeric and ?/:(), /+ - characters, limited to 140, will appear in bank statement.

Multiple refunds dialog

This is the multiple refund dialog, all the previously selected payments will appear here, listed in the table.



You can set a global reason that will be transmitted to each refund, so you can just write one reason and get it in each refund, instead of having to copy the reason text to each refund. Also, you can use fill the merchant multiple refund id field with your own reference to track the batch refund once it is done.

For each refund you can change the amount to be refunded, by default it will be the total amount that hasn't been refunded yet. You can also add your own reference for each refund (independent from the batch refund reference) and a text specifying the reason for each refund.

If there is an error in any fields of a refund, it will be in red and a text specifying the error will appear, furthermore the refund button will be disable until all errors are corrected and the refunds are valid.

If by any case you want to eliminate a specific refund from the batch, you can click on the trashcan icon and delete.

When you are ready to proceed with the refund, just click refund button. If you want to go back to select or deselect some payments, click on cancel button.



3.6 Refunds Section

In this section you can see all the information about all the refunds made with IATA Pay, of the merchants that your user has a role. This section is divided in two, depending on the button you click you will see:

- Single refund: to check all refunds done one by one referred to a payment
- Multiple refund: to check all batch refunds and the refunds associated with the batch.

Refunds

Single Refund Multiple Refund

3.6.1 Single refunds

This screen allows you to see all the refunds in IATA platform. Including the status, IATA and merchant refund id, IATA and merchant payment id where the refund was made, the amount, country, merchant and creation and finish date. Filters can be applied to the refunds; they work in the same way as in the payment section.

In this screen you can also export transactions to CSV.

If you want to see all the info of a refund in more detail, just click on the refund and you will see the refund detail screen.

Refu	nds							Single Refund	Multiple Refund
Single									${\cal C}$ Refresh
Status	Refund ID	Payment Status / ID	Amount	Country	Merchant	Creation Date 1	Finish Date ↑↓	Clearance Date ↑↓	∀ Filters
•	RYD4CTDMHMUZW Merchant refund id is not defined	PJM2HN486GZ2R Merchant payment id is not defined	€2.00 €2.00	AT	RR1230000	12/03/2024, 12:28 PM	12/06/2024, 12: AM	37	:
•	R9PMDG9MLLKEX Merchant refund id is not defined	P7ACSPO99NXSB Merchant payment id is not defined	€6.25 €6.25	ES	XX0000004	12/04/2024, 9:07 AM			:
•	RVUKALIQ4SZGW Merchant refund id is not defined	PR6JPJFRCT5HN Merchant payment id is not defined	€2.00 €2.00	AT	RR1230000	12/03/2024, 12:26 PM	12/03/2024, 12:3 PM	36	:
•	RTQ7PBT7JE592 Merchant refund id is not defined	P47PD2I5Y4JBI A51LZFHFWNDG2LT02LRP	€1.01 €1.01	ES	XX0000004	11/08/2024, 11:54 AM	12/05/2024, 1:18 PM	3	:
•	RMB72UJ2CWYNB Merchant refund id is not defined	PX2GUFZQFUEPD Merchant payment id is not defined	THB2.00 THB4.00	ТН	JJ0000000	11/04/2024, 11:33 AM	11/29/2024, 11: AM	35	:
•	RQ1B8VXMAI0ST Merchant refund id is not defined	PK4ATL2Y31607 Merchant payment id is not defined	HK\$1.00 HK\$1.00	НК	AB1230000	11/13/2024, 10:38 AM	12/04/2024, 7:3 PM	I	÷
•	RCPZ231C5G9W6 Merchant refund id is not defined	POAFM14L3V5SI Merchant payment id is not defined	R\$1.00 R\$1.00	BR	XX0000000	11/05/2024, 2:27 PM	11/05/2024, 2:3 PM	7	:

It can be appreciated the quantity of the original payment and the refund amount requested.



•	RLNHWPANVDNLN Merchant refund id is not defined	PRG3BAGO33JLH UJBCZH7IOIQANYO5T69J	£1.01 £1.01	GB XX0000001 Refund amount:	07/19/2024, 1:54 PM		:
•	RO2K81GS92N38 Merchant refund id is not defined	P6E4OGJU0VGTB Merchant payment id is not defined	€12.00 €12.00	€12.00 Original payment 04 amount: €12.00	07/18/2024, 12:12 PM	07/18/2024, 12:14 PM	:
•	RW2IEHCYLX2ZU Merchant refund id is not defined	P7GFM4GP7FKXH sw8H2XCJ7PRYUP7WNKSF	A\$1.01	Unrefunded: €0.00 AU XX0000000	07/18/2024, 12:00 PM	07/18/2024, 12:02 PM	:

3.6.1.1 Refund Filters

The refund section also has a series of filters you can applied. Filters currently applied to the refunds section can be seen next to the Filters applied word (All by default).

Refund	ls						Sir	ngle Refund	Multiple Refund
Single							🕒 Expor	t refunds to CS	W ₴ Refresh
Status	Refund ID	Payment Status / ID	Amount	Country	Merchant	Creation Date ↑↓	Finish Date î↓	Clearance Date ↑↓	— Filters
All V	Refund ID	Payment ID	Amount	All v	All 🗸	Ra 🖽	Ra 🛱	Ra 🛱	Q 🗇

Refund filters section you can apply to the refunds section

You can filter all refunds by:

- Status: list of available status codes by colour.
- **Refund ID:** input you can use to get specific refund by its refund unique identifier. You can also filter by Tpp Transaction Id
- Payment ID: input you can use to get specific payment by its payment unique identifier.
- **Amount:** possibility to filter by quantity of the refund.
- Countries: list of available countries in the system.
- Merchants: set of merchants the user has a role (see admin portal roles for more info).
- **Creation date:** to search for payments created within a given date range. You can sort in ascending or descending order by clicking on the arrows.
- **Finish date:** to search for payments by the last update within a given date range. You can sort in ascending or descending order by clicking on the arrows.
- **Clearance date:** to filter according to the clearance date range. You can sort in ascending or descending order by clicking on the arrows.

Once you get the desired values to filter, you will need to click on the loupe so the filters get applied.



3.6.1.2 Refund Details

This section contains all the information about the selected refund. The information is separated in two tabs:

- **Details:** contains all the information about the refund, including information about the payment where the refund comes from.
- **Events:** Information about all the events occurred to the refund and the user who performed each action.

Refund details		×
① Details 📋 Events		
Merchant	XX0000000	
Merchant Refund Id	Not defined	
IATA Refund Id	RY3DVB0VAS8UE	
TPP Refund Id	25068653387	
Settlement Id	Not defined	
Amount	GH51.00	
Country	GH	
Merchant Payment Id	Not defined	
IATA Payment Id	☐ P56YKK8226DC7	
Amount	GH51.00	
Description	Lambda Airlines REFUND	
Status	SETTLED	
Creation date	06/13/2025, 9:31 AM	
Finish date	06/13/2025, 9:33 AM	
Last update date	06/13/2025, 9:33 AM	
Clearance date	Not defined	
	Refund details tab	

The merchant can configure the option of approving or denying the refund, in this case, the buttons of the top right corner will be displayed.



Refund details

i Details	🗄 Events			
Date	Event	Client	User	Details
07/22/2024, 2:43:04 PM	CREATED		v-fonsecay@iata.org (Yamel Fonseca) <yamelfonseca@kpmg.es></yamelfonseca@kpmg.es>	
07/22/2024, 2:43:05 PM	LOCKED		v-fonsecay@iata.org (Yamel Fonseca) <yamelfonseca@kpmg.es></yamelfonseca@kpmg.es>	<pre>lockReason: "TRANSACTION_POSITION_EXCEEDED" lockDescription: "Insufficient funds" lockDetails: "Transactions position since last cut-off should be positive before executing the refund"</pre>
07/22/2024, 2:43:16 PM	UNLOCKED		v-fonsecay@iata.org (Yamel Fonseca) <yamelfonseca@kpmg.es></yamelfonseca@kpmg.es>	lockReason: "TRANSACTION_POSITION_EXCEEDED"
07/22/2024, 2:43:17 PM	LOCKED		v-fonsecay@iata.org (Yamel Fonseca) <yamelfonseca@kpmg.es></yamelfonseca@kpmg.es>	lockReason: "UNEXPECTED_EVENT" lockDescription: "Unexpected transaction detected" lockDetails: "Unexpected refund, locked until IATA checks it"
07/22/2024, 2:43:34 PM	UNLOCKED		v-fonsecay@iata.org (Yamel Fonseca) <yamelfonseca@kpmg.es></yamelfonseca@kpmg.es>	lockReason: "UNEXPECTED_EVENT"
07/22/2024, 2:44:03 PM	FAILED			<pre>failureCode: "UNKNOWN" failureDescription: "Unexpected error" failureDetails: "[Tpp:D8] Code: null. Details: I/O error on GET request for "https://sbx.corporateapi.db.com/nai/statement/v1/accounts": PKIX path validation failed: java.security.cert.CertPathValidatorException: validity check failed"</pre>

×

Refund events tab

3.6.2 Multiple refunds

3.6.2.1 Main screen

Each row will show a batch refund, with both iataRefundBatchId and merchantRefundBatchId, a count of the individual refunds of the batch grouped by status, a summary of the original file total, accepted and rejected refunds, and the date the Multiple Refund was created.

By clicking a row, a division with data for each single refund included in the batch will expand, showing the status, iataRefundId, merchantRefundId, iataPaymentId, merchantPaymentId, date, reason, and amount for each one.

Refun	ds						Single Refund	Multiple Refun
Multip	le						Multiple refund V	C Refres
	Batch Refund ID	Batch info		Merchant		Creation Date		
>	BRJT861KVF45F Merchant batch refund id is not defined	Total: 2 refunds ♥ 0 ● 0 ● 0	• 2	XX0000000		02/23/2024, 12:13 PM		
>	BR1H2MLS7RMHW Merchant batch refund id is not defined	Total: 3 refunds ⓒ 0 ● 0 ● 0	• 3	XX0000000		02/23/2024, 11:00 AM		
$\overline{\mathbf{v}}$	BRXKXZP7PUG8Z Merchant batch refund id is not defined	Total: 2 refunds ⓒ 0 ● 0 ● 0	• 2	XX0000000		09/22/2022, 8:28 AM		
Refun	ds							
Status	Refund id	Payment id	Date		Amount	Country	Reason	
•	RN19YVMWP21HC Merchant refund id is not defined	PJ8OHK4NCTXCS LJVLISPECCYAB70J6BG4	09/22/2022, 8:28 AM 09/22/2022, 8:32 AM		₹1.01 ₹1.01	IN	Lambda Airlines REFUND	
•	RXEZ7NUX5V4OK Merchant refund id is not defined	P8AHZ055BTOZQ OLH842YQU9NVR21M1TFD	09/22/2022, 8:28 AM		HK\$1.01	НК	Lambda Airlines REFUND	:



When clicking the Multiple Refund button, two options will be displayed:

- Manual Payment Selection: will redirect to the payment section, opening the payment selection. It allows the user to select the payments on which a refund must be done.
- File Upload: will open the file upload variant explained below

- Multiple refund
- Manual selection
- 🗅 Upload file

3.6.2.2 Upload file with refunds

Once the upload file button above is pressed a dialog like this will appear, asking you to select the merchant to do the refund. Until you have selected one you can't click on the select refund file bar and upload the CSV file.

Once the merchant is selected you can click on the bar, your pc will show a directory browser and let you choose the file you want to upload, the only format that will be allowed to upload will be files ending in .csv (csv format).

If your admin portal user can only do refunds from only one merchant, this merchant field will be preselected with this merchant and disabled, on the other hand select refund file bar will be enabled so you can just select the file you want to upload.

In case you don't have a CSV with the correct format the admin portal need to do the refund, you can click on download template button and a CSV file with the required headers will be downloaded so you can just fill below each row with a refund following the format specified in <u>refund CSV file format</u> section.

	Upload refund file		×
7	Merchant None Select refund file Choose File No file chosen	Choose file	
	Download template Cancel		

Upload refund file dialog without merchant selected

After uploading the file, the admin portal will process all refunds, row by row and check which are valid or invalid.



<u>Multiple refund dialog</u> will appear (if you need more info about this dialog click on multiple refund dialog, the only difference is that this dialog will process refunds this time instead of payments as the text in this section indicates) with all the doable refunds on the table and invalid ones in red text, specifying the cause to be invalid.

In case the only invalid field is the amount, you will be able to change it in this screen without having to go to the file and correct it.

Multiple refund can be either cancelled pressing cancel button, so the invalid refunds can be corrected in the file or instead refunds with only invalid amount can be corrected and proceed with the multiple refund.

Until all refunds are valid, refund button will be disabled, as seen in the screenshot below, when all refunds are valid you can do a refund clicking on the refund button and accepting the confirmation dialog (to prevent miss clicks of the refund button)

3.6.2.3 Refund CSV file format

Only CSV files that follows this format will be accepted, if your file contains errors the admin portal will tell you.

row format:

<merchantPaymentId>,<iataPaymentId>,<currency>,<amount>,<merchantRefundId>,<bankTransferDesc ription>

Field	Required	Description
merchantPaymentId	At least one is	Merchant payment Id on which the refund will be made
iataPaymentId	required	IATA Pay payment Id on which the refund will be made
currency	Only if amount is specified	Refund currency. To check that there is no error trying to perform a refund in a different currency to the one of the original payments was made, as it is not allowed
amount		Refund amount. If not specified, a full refund of the payment (or the remaining unrefunded amount) will be made, on the same currency the original payment was made
merchantRefundId		Own airline merchant refund Id
bankTransferDescription		Description/Reason of the refund

Once the file has been pre-processed, the Multiple Refunds dialog will open, showing a summary of all the refunds on the file, and any validation error that might have been found during file pre-processing.



3.7 Merchants Section

In this section you can see all the information about the merchants of the portal, depending on the privileges of your user. Different kinds of merchants will be shown to you.

Contact an IATA administrator if you need a new merchant.

3.7.1 Main screen

Mercha	ants			List S	EPA Threshold
List			+ Net	Export merchants to CSV	$\mathcal C$ Refresh
	Name	ID	Creation Date 1		7 Filters
	YY128 Migration Test ^{YY128 MT}	YY1280000	11/21/2023, 10:48 AM		:
	Clone from SCR Airline 2 SCR Airline	AB1230002	11/23/2022, 5:16 PM		:
	Lambda Airlines (Net Banking) Lambda Airlines	XX0000008	11/07/2023, 5:44 PM		:
	Lambda Airlines Bizum Lambda Airlines	XX0000004	07/20/2022, 12:29 PM		:
	RRB Airline RRB Airline	RR1230000	02/22/2021, 5:13 PM		:
	JJP Airline JJP Airline	1)0000000	10/14/2022, 11:11 AM		:

The table shows from left to right:

- Name:
 - **name (top):** name to identify the merchant within the administration panel
 - **public name (bottom):** name that will be shown to airline users when they are redirected to the IATA Pay page
- **ID**: identifier of the merchant, also referred in the API as merchantId.
- **Filter button:** when clicked it will show behind the correspondent header an input field for each field that can be filtered.

Each row of the table can be clicked to open the detail screen of the user, detail screen will be explained below.

Also, if the merchant has a grey dot like in the image, it means that the merchant is disabled. A disabled merchant is like an eliminated merchant (cannot log in or perform any action) but remains in the system, allowing an admin want to enable that merchant if needed again.

If you click the three dots there is the possibility of cloning or edit the merchant. When you clone the merchant the general and styles parts are the same as before and all the other tabs are set for being adapted to the new one.



Merch	ants			List SE	PA Threshold
List			+ New	B Export merchants to CSV	\mathcal{C} Refresh
	Name	ID	Creation Date ↑↓		7 Filters
	YY128 Migration Test YY128 MT	YY1280000	11/21/2023, 10:48 AM		:
	Clone from SCR Airline 2 SCR Airline	AB1230002	11/23/2022, 5:16 PM	 Edit Clone 	
3.7.2 E	Main screen showing 3 c	dots menu optic	ons regarding the mo	erchant	
Merchan	ts can be exported to a CSV file by	clicking on the	'Export to CSV' butt	on:	
Mercha	ants			List SEP/	A Threshold
List			+ New	B Export merchants to CSV	$\mathcal C$ Refresh

YY1280000

ID

Once the export button is pressed, it will be exported all the merchants that are shown on the screen.

The name convention of the CSV has less than 30 characters and the following structure: "YYYY-MM-DD_HH-mm-ss.csv" indicating the date and time of export of the file.

Merchants list screen

Creation Date 11

11/21/2023, 10:48 AM

Y Filters

Another option is to click on the refresh button. Refresh is useful when you want to reload the merchant's section without doing any change to the filters, but it also applies filters changes.

3.7.3 Merchant Details

Name

YY128 MT

YY128 Migration Test

This section contains all the information and all the values about the selected merchant that can be configured. This section is divided in 3 separated tabs that are going to be explained in detail below. The save button applies all changes made in all tabs, so there is no need to save the changes before changing tab. If the information cannot be changed either because your user doesn't have admin role or because the information cannot be changed by anyone (that would be the case of the Airline Code and Airline Code Number).

3.7.4 General

Shows all the details of the selected merchant in the main screen. Here you will be able to edit Name, Public name, email for communications...



If your user has merchant admin role of the selected merchant, you will see the inputs open and be able to change all their data. Else you will only see the information and the boxes greyed out, disabling any change you can make to this merchant.

The airline Code Number is alphanumeric E.g., 3B4.

Examples in the screenshots below.

		JO (QR), CO	
词 General 🛛 🗷 Credential	ls 🖘 Styles @ TPPs 🏼 🄑 Advanced	🖒 Report 🛛 🗧 Sepa Threshold	
nabled 🚺			
Code			
Airline Code	Airline Code Number	Merchant ID	
xx	000	XX0000000	
Organization Idenfier			
his is the merchant organization id			
Jame			
Jame	H, BR, IN, VN, PH, MY, GH, , MX, JO (QR), CO		
Name Lambda Airlines EUR, HK, TH	H, BR, IN, VN, PH, MY, GH, , MX, JO (QR), CO		
Jame Lambda Airlines EUR, HK, TH This name is to identify the merchan	H, BR, IN, VN, PH, MY, GH, , MX, JO (QR), CO		
Lambda Airlines EUR, HK, TH his name is to identify the merchan Public name Lambda Airlines	H, BR, IN, VN, PH, MY, GH, , MX, JO (QR), CO	age	
Lambda Airlines EUR, HK, TH his name is to identify the merchan Public name Lambda Airlines	i, BR, IN, VN, PH, MY, GH, , MX, JO (QR), CO	age	
Lambda Airlines EUR, HK, TH his name is to identify the merchan Public name Lambda Airlines his is the name that will be shown t	ł, BR, IN, VN, PH, MY, GH, , MX, JO (QR), CO nt within the administration panel to airline users when they are redirected to the IATA Pay p	age	
Lambda Airlines EUR, HK, TH his name is to identify the merchan Public name Lambda Airlines his is the name that will be shown t	ł, BR, IN, VN, PH, MY, GH, , MX, JO (QR), CO nt within the administration panel to airline users when they are redirected to the IATA Pay p	age	

Merchant general screen if you have admin merchant

3.7.5 Credentials

Security is a fundamental part of IATA Pay. To avoid transaction and/or transaction notifications spoofing or scamming every merchant using IATA Pay has its own credentials. To use IATA Pay API and make any call to an endpoint you need to be logged in the API with client credentials and use notification secret to check the signature of the notifications of finished payments/refunds.

3.7.5.1 Notification secret

The secret will be previously generated by us and is not changeable. You can only copy it to use it.

For more information about how the notifications works you can check the following sections of <u>"Airlines</u> <u>Integration Guide"</u>:

- For payments: "Payment transactions / Finish Notification"



- For refunds: "Refund transactions / Finish Notification"

3.7.5.2 Client credentials

Credentials can be generated in this page. It can only be created by a user with admin role and the credentials will be part of the merchant selected (cannot use these credentials in the API to perform an action over other merchant). Every merchant can have as many credentials as they want, as this screen will

allow to create and delete those credentials clicking on button. You could have different credentials for each purpose/application to allow revoke each one individually.

Lambda Airlines EUR, HK, TH, BR, IN, VN, PH, MY, GH, , MX, JO (QR), CO								
(i) General E: Credentials	🖓 Styles 🛛 @ TPPs	Advanced	🖒 Report	€ Sepa Threshold				
This section groups security data r to the titles.	needed to consume IATA	Pay API. For more in	formation abou	ut each section, click ove	er help icon next			
Notification secret ③ aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa	aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa	aaaaaaaaaaaaaaaaaaa	a		+ New			
ID		Description						
xx000000-1yfr5g		test consent			Ū			
xx0000000-9nvclk		1234						
XX0000000-client					Ū			

Cancel 🗸 Save

Credentials main page

This page below asks for a text description of the credentials to be created, the description is optional, just click create and the credentials will be generated.

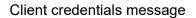


is section the titles	on groups security data needed to consume IATA Pay API. For more infor s.	mation abou	ut each section, click over hel	p icon next	
	ation secret ®				
Clien	New client credential)	×	New	
	Description				
) 0000	Optional			0	
×0000	Length must be less than 200 characters			۵	
K000K			Cancel 🗸 Create	۵	

Description modal when new is clicked

This screen below will show the credentials generated, the client ID (same purpose as a username, for IATA Pay API) is composed with the merchant ID and a string of characters joined by a "-" (hyphen). It is very important to save the client secret shown on the screen as it will never be shown again (for security reasons). If in any case you forget or lose the client secret, you have to delete the client credentials that had the lost client secret and create new ones.

Notification sec	ret ®			
aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa	188888888888888888888888888888888888888	aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa		
Client creder		ntial created created credential xx to request an access token ne API. You'll never see the client secret in this App ag		+ Ne
xx0000000-1yfr5g	Client ID	xx0000000-njpnjk	_	
xx0000000-9nvclk	Client secret	rDxoUa68TD5ftw4jMcObKeuGfX70kL	_	
XX0000000-client			Ok	
xx0000000-njpnjk		xx		





3.7.6 Styles

In this screen you can change all customizable parts of a merchant. These styles will be shown to the user when the merchant implements the redirect methods, as the page where the user will be redirected will have the logo, header, footer, and buttons customized. These styles could be used to customize some payment providers screens.

To change any style just click on the desired part and change the value. You should upload a logo with transparent background.

luttons			
rimary color	Secondary color		
#008e95	#333333		
ne primary color will typically be aligned with e customer's brand (establishing brand cognition and consistency) e.g. Back and ancel button, Terms of use, Merchant name	This color would be mostly used for r buttons, etc	adio	
Success			
ackground color	Text color		
#008e95	#ffffff		
Cancel			
ackground color	Text color		
#ebebeb	#008e95		
ctivate other EUR markets reachability	,	Yes	
isplay language selector		No	
eadline English	Realtime Bank Transfer		
ime to display remaining time	Time in minutes	(0 - 60)	
isplay stepper		No	
isplay navigation as	Label	Icon	
isplay currency as	Label	Icon	
isplay Redirect QR Code		No	

An optional field is available inside the styles to configure "Time (seconds) to display confirmation screen" for DB chosen as TPP.

It has also been added two functionalities in the general tab. The first one is "Use English numeric format in amount", with that function, the amounts will be displayed with the English numeric format instead of the language in which the computer "Locale" is configured.

The other functionality is "Show warning banner in checkout", this ensures that the client doesn't refresh or close the window while the payment is being processed. Both options must be enabled by clicking on "yes" for them to work.



3.7.7 TPPs

In this section you can view which TPPs (third party providers) will be enabled for each country.

If all TPPs are disabled for a certain country, this country will be disabled.

Sometimes depends on the TPP chosen, in the TPPs configuration screen the user can select the checkout method (QR or Lightbox). It is possible to select multiple checkout methods except for Netherlands, in which is only possible to select one. If it is not specified in the creation of the payment the preferred checkout method, the platform will choose the first selected in list of available checkout methods in the configuration of the TPPs.

However, this is different for India and Jordan. For India the available checkout methods are: "VPA", "QR" and "NetBanking", and for Jordan the available ones are "RTP" or "QR".

 General 🗵 Credentials 👘 Styles 🖉 TPPs 🔑 Advanced 🜓 Report € Sepa Threshold This section defines the enabled third-party providers (TPPs) For Payments ③ TPPs Country Argentina AR Santander GetNet Australia AU ANZ Austria AT Deutsche Bank Mock TPP Tink BE Mock TPP Belgium Deutsche Bank BR Santander PIX (Mock) Brazil Santander PIX Colombia co Openpay Denmark DK Mock TPP Tink Estonia EE Deutsche Bank Tink Finland FI Deutsche Bank Mock TPP Tink FR Deutsche Bank Mock TPP France Tink Germany DE Deutsche Bank Mock TPP Tink

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Cancel Save

×

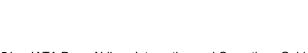


Lambda Airlines AR, AU, TR, EUR, HK, TH, BR, IN, VN, PH, MY, GH, , MX, JO (QR), CO

Ghana	GH	Standard Chartered Bank
Hong Kong SAR China	НК	Development Bank of Singapore Limited
India	IN	Standard Chartered Bank (Lightbox) Standard Chartered Bank (QR) Standard Chartered Bank (FORM) Standard Chartered Bank (SCRIPT)
Ireland	IE	Deutsche Bank Tink
Italy	IT	Deutsche Bank Mock TPP Tink
Jordan	JO	JKBank CLIQ (QR) JKBank CLIQ (FORM)
Latvia	LV	Deutsche Bank Tink
Lithuania	LT	Deutsche Bank Tink
Luxembourg	LU	Deutsche Bank
Malaysia	MY	Standard Chartered Bank
Mexico	МХ	Santander CODI
Netherlands	NL	Deutsche Bank iDEAL iDEAL2 Mock TPP Tink
Norway	NO	Mock TPP Tink
Philippines	PH	Standard Chartered Bank
Portugal	PT	Deutsche Bank Mock TPP Tink

Cancel 🗸 Save

 \times





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Luxembourg	LU	Deutsche Bank
Malaysia	MY	Standard Chartered Bank
Mexico	MX	Santander CODI
Netherlands	NL	Deutsche Bank iDEAL iDEAL2 Mock TPP Tink
Norway	NO	Mock TPP Tink
Philippines	PH	Standard Chartered Bank
Portugal	PT	Deutsche Bank Mock TPP Tink
Singapore	SG	Development Bank of Singapore Limited
Spain	ES	Bizum Deutsche Bank Mock TPP Tink
Sweden	SE	Mock TPP Tink
Thailand	тн	Citi TH Citi TH (Mock)
Turkey	TR	BBVA Garanti
United Kingdom	GB	Deutsche Bank Mock TPP Tink
Vietnam	VN	Standard Chartered Bank

Cancel ✓ Save

3.7.8 Advanced

In this section all properties related to business needs for all the transactions made with this merchant are the following:

There are nine sections:

1. **Payment Authorization**: where it can be set the time for all payments linked to the merchant, waiting for the arrival of the payment authorisation notification from the TPP. This time out can be



configured for a range between 1 and 60 minutes, according to the merchant's preferences. Note, if this filed is not filled in by the merchant, the default time out of 18 minutes will apply.

2. **Refund approvals**: where it can be configured if all refunds will require approval, thus these refunds will be locked until a user with approver role unlocks it. In this section, it can also be set the time that the refunds will be locked due to "approval lock reason" until the refunds fail by timeout. By default, the time is 36.000 mins.

In addition, you can activate the button "Manual "refunds require approval" so that only manual refunds created in Admin Portal directly require the approval of the user with the "Approve refunds" role or other roles that implies having refunds approval rights.

3. **Refund limits**: where it can be configured the allowed margins for refunds by currency country, that margin indicates the amount of money the merchant can refund over its virtual balance. Percent amount refundable indicates the percentage of money paid in the last 24h period (according to currency cut-off time) that this merchant can refund without being considered unexpected. By default, it is 100%.

Locked timeout indicates the maximum amount of time that a refund can stay locked by "Insufficient funds" or "Unexpected transaction" reasons.

- 4. **Payment limits**: where it can be configured the max amount allowed for any payment by currency country, payments cannot be created with any amount exceeding this limit. Max number of authorized payments per day restricts the total amount of payments in status authorized or beyond (settled or cleared) that the merchant can complete in the day.
- 5. **iDEAL configuration**: where it can be configured the activation or not of iDEAL as iframe for TPP's authorization webpage, one the TPP chosen in <u>3.7.7 TPPs</u> is iDEAL. Euro Transaction Limits indicates the max amount allowed for any payment for Netherlands as the selected country, payments cannot be created with any amount exceeding this limit.
- 6. **iDEAL 2 configuration:** This is the merchant id provided by iDEAL that must be introduced by IATA.
- 7. **SCB Configuration:** This is for Philippines, there are two PSP and it has to be selected one of them. P2P is selected by default.
- 8. **Bizum Configuration:** The values to be completed (Code, Terminal and Secret Key) must be provided by Bizum.
- 9. **PNR Visibility**: where the activation for the visibility of the PNR details can be populate in the PNR field both for the specific payment details and in the CSV generated for the merchant that has it activated.
- 10. **Create refund if no ticket purchase**: where it can be enabled as a check whether the tickets have been issued by the airline at the same time as the user's authorisation/settlement has been received. This feature enabled, could execute and automatic refund in the case where the payment has been settled through the IATA Pay Platform, but the airline did not issue the flight ticket to the user or raise an alarm to IATA Pay Business Team (to contact to the airline) in an extremely low probability that a payment has been failed but the airline has issued the flight ticket.
- 11. **Token ID Validation:** this parameter is used to setup the validation of token ID during the payment creation. If it's disabled, the validation of token ID is skipped.



- 12. **Settled transaction withhold:** If it is marked as Yes, all the payment for this merchant wont be included in the AP2/TUF. If later it is marked as No, all those payments that were blocked will appear in the AP2/TUF.
- 13. Force Back Synchronous Redirection: This is an option for the asynchronous merchants to be synchronous. The difference between the front and the back end will disappear because it will be shown a waiting page.
- 14. **AP2/TUF Airline Code**: where it can be specified a different Airline Code from the merchant general setup to obtain more flexibility on the reporting of the AP2/TUF files.
- 15. **Enable Refund ID Unique:** By default, if it's not unique but if you mark this option when the refund is being created, we validate that the refund id that the airline sends is not repeated and if it is repeated there will appear an error.

) General 🛛 🖾 Credentials 👘 Styles 🖉	TPPs 🤌 Advanced 🛛 🖏 Report 🛛 🗧 Sepa Threshold	
nis section defines other advanced properties rela	ed to this merchant	
Payment authorization ③		
Authorization Timeout (minutes 1 - 60)		
3 minutes		
Refund approvals ⑦		
Refund approvals ()		
Refunds require approval	Approval Timeout (minutes)	
Refutus require upprovar		
	36,000 minutes	
Only manual refunds require approval		
Only manual refunds require approval		
Only manual refunds require approval	36,000 minutes	
Only manual refunds require approval Refund limits ③ Hong Kong Dollar (HK\$) Margin Amount	36,000 minutes Mexican Peso (MXS) Margin Amount	
Only manual refunds require approval Refund limits Hong Kong Dollar (HK\$) Margin Amount HK\$0.00	36,000 minutes Mexican Peso (MXS) Margin Amount Margin Amount	
Only manual refunds require approval Refund limits ③ Hong Kong Dollar (HK\$) Margin Amount	36,000 minutes Mexican Peso (MXS) Margin Amount Margin Amount Colombian Peso (COP) Margin Amount	
Only manual refunds require approval Refund limits ③ Hong Kong Dollar (HK\$) Margin Amount HK\$0.00 Euro (€) Margin Amount €0.00	36,000 minutes Mexican Peso (MX\$) Margin Amount Margin Amount Colombian Peso (COP) Margin Amount Margin Amount	
Only manual refunds require approval Refund limits Hong Kong Dollar (HK\$) Margin Amount HK\$0.00 Euro (€) Margin Amount	36,000 minutes Mexican Peso (MXS) Margin Amount Margin Amount Colombian Peso (COP) Margin Amount	
Only manual refunds require approval Refund limits Hong Kong Dollar (HKS) Margin Amount HKS0.00 Euro (€) Margin Amount €0.00 Malaysian Ringgit (MYR) Margin Amount Margin Amount	36,000 minutes Mexican Peso (MX\$) Margin Amount Margin Amount Colombian Peso (COP) Margin Amount Margin Amount Indian Rupee (₹) Margin Amount ₹0.00	
Only manual refunds require approval Refund limits ③ Hong Kong Dollar (HKS) Margin Amount HK\$0.00 Euro (€) Margin Amount €0.00 Malaysian Ringgit (MYR) Margin Amount	36,000 minutes 36,000 minutes Mexican Peso (MXS) Margin Amount Margin Amount Colombian Peso (COP) Margin Amount Margin Amount Indian Rupee (₹) Margin Amount	
Only manual refunds require approval Refund limits ③ Hong Kong Dollar (HKS) Margin Amount HKS0.00 Euro (€) Margin Amount €0.00 Malaysian Ringgit (MYR) Margin Amount Margin Amount Vietnamese Dong (④) Margin Amount	36,000 minutes Bexican Peso (MX\$) Margin Amount Margin Amount Colombian Peso (COP) Margin Amount Margin Amount Indian Rupee (₹) Margin Amount ₹0.00 Thal Baht (THB) Margin Amount	



itish Pound (£) Margin Amount		Dellaning Piso (P) Margin Amount		
50.00		iviai giri Amount		
rkish Lira (TRY) Margin Amount		Brazilian Real (R\$) Margin Amount		
Margin Amount		Margin Amount		
rdanian Dinar (JOD) Margin Amount				
Margin Amount				
rcent amount refundable				
1.00 %				
ocked Timeout (minutes)				
36,000 minutes				
ayment limits 💿				
ong Kong Dollar (HK\$) Max Amount		Mexican Peso (MX\$) Max Amount		
HK\$100,000.00		Max Amount		
uro (€) Max Amount		Colombian Peso (COP) Max Amount		
€100,000.00		Max Amount		
lalaysian Ringgit (MYR) Max Amount		Indian Rupee (₹) Max Amount		
Max Amount		₹200,000.00		
ietnamese Dong (₫) Max Amount		Thai Baht (THB) Max Amount		
Max Amount		THB 2,000,000.00		
ustralian Dollar (A\$) Max Amount		Ghanaian Cedi (GHS) Max Amount		
Max Amount		Max Amount		
ritish Pound (£) Max Amount		Philippine Piso (₱) Max Amount		
£100,000.00		Max Amount		
		Cancel	🗸 Sav	
ambda Airlines AR, AU, TR, EUR, H	IK, TH, BR, IN, VN, PH, MY	, GH, , MX, JO (QR), CO	>	
TPPs Configuration				
ideal ()	ideal 2 💿	SCB		
Euro (€) Transaction Limits	Merchant ID XX0000000	QR PSP ID P2P P2M		
€50,000.00	XX000000	P2P P2M P2P is the default option		
Bizum [®]	Tink			
Cada	Morehant ID			
Code	Merchant ID d680e672-d0f9-4f4d-	hffa		
Code	06806672-0019-4140-	Ulla		

Terminal
Secret Key

Secret Key

0



PNR Visibility ③	Yes
Create refund if no ticket purchase	Yes
Token Id Validation ⑦	Validate
Settled Transaction Withold ③	Yes
Force Back Synchronous Redirection ⑦	No
Enable Refund Id Unique	No
AP2 / TUF Airline Code	S
	Cancel V Sau

(This latest screenshot must be configured by IATA)

More info about all this inside Approvals section

3.7.8.1 Refund Approvals

In this section, you can set up approval requirements (only MERCHANT Admins).

The refund approval section is meant to determine if the refund creation requires approval from another user. The approving user has the role APPROVE_REFUNDS. If a refund exceeds the approval timeout, it will be marked as FAILED (see <u>Approvals Section</u> for more details)

To activate the refund approval, click on the "Refunds require approval" switch. In the "Approval Timeout" field, set the desired amount of minutes to wait for the refund approval before marking it as failed.

3.7.8.2 Refund & Payment limits

In this section, you can define the transaction limits for the merchant (see <u>Approvals Section</u> for more details).

You can define amounts limits (maximum and margins) by currency. You can also set the refundable percentage of the original payment amount, and the maximum number of payments accepted by day.

3.7.9 Report

In this section, you can enable the option to deliver a daily transactional report related to transactions in a specific status(es) to a specific merchant.



General	🗷 Credentials	Styles	@ TPPs	Advanced	🖒 Report	€ Sepa Threshold	
is section d	efines the report pr	operties relate	d to this mer	chant			
FG							
Report							
							C
						Cancel	✓ Save
				4			

3.7.9.1 IFG

This report will be enabled for those merchants integrated via IATA Financial Gateway (IFG) properties.

Through this report, you can enable the option to deliver a daily transactional report at end of day /cut off, related to transactions considered as FINISHED (SETTLED, UNEXPECTED SETTLED, BLOCKED, FAILED or CLEARED) to a specific merchant FTP.



General	E Credentials	Styles	@ TPPs	Advanced	🖒 Report	€ Sepa Threshold	
is section defi	nes the report pro	operties relate	d to this mer	chant			
FG							
eport							

3.7.9.2 Payment Report

Through this report, you can enable the option to deliver a daily transactional report at end of day /cut off, related to transactions based on a series status(es) to a specific merchant FTP. *Admin merchant* rights are required to be enable.

Cancel

This report will look the same as the CSV exported through the IATA PAY Admin Portal. Being named as follows: merchantID_Currency_YYYYMMDD.csv

When the button "Scheduled report" is enabled, It is possible to send a single report at the time set in this section.

Airlines also have the possibility to generate a single report containing all their merchants, they must contact IATA to enable this option.

The table shows from top to bottom:

- Cutoff time (UTC): refers to the latest time by which the report must be sent.
- **Status:** list of available status to filter the report to be issued.
- Send type: select the type of delivery. (Currently only FTP delivery).
- **Type:** it can be selected FTP or SFTP.
- Host / Port / Username: (e.g., DBStagingxxx.com / 1724 / xxxx@lambda.uk).
- **Authentication method:** there are two options on this field "password" or "key". If you select "password", you will be asked to set up a password for your account on the first configuration, whose characteristics must be the following:
 - Maximum length of 32 characters



- Minimum length of 10 characters
- It can contain upper and lower-case letters
- It can contain special characters without restrictions (based on the English keyboard) (e.g. @;-./_)

If you select "key", a new key will be generated when saving the merchant and its corresponding file will be available to download.

- **Path:** place where the report is to be sourced.
- Mode: Type of connection to the server. Active or Passive depending on the configuration.

General 🖾 Credentials 🛞 Styles	@ TPPs 🏼 & Adv	anced 🗘 Report	€ Sepa Threshold	
s section defines the report properties rela	ted to this merchant			
FG				
Report				
Schedule Report				
Status 'he status can not be empty		All 🗸		
Send type		FTP		
Гуре		FTP SFTP		
Host	Host nu	mber		
Port	0			
Jser name	User na	me		
Authentication method	P	assword Key		
Jser password	User passw	ord (
Path	1			
Mode	AC	TIVE PASSIVE		



Cancel 🗸 Save



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This section defines the report properties related to this merchant

IFG	
Report	
Schedule Report	
Status The status can not be empty	All ~
Send type	FTP
Туре	FTP SFTP
Host	Host number
Port	0
User name	User name
Authentication method	Password Key
Public key	A new public key will be generated when saving the merchant. Its corresponding file will be available for download here.
Path	1
Mode	ACTIVE PASSIVE

Cancel ✓ Save





3.8 Users Section

In this section you can see all the information about the users of the portal, depending on the privileges of your user. Different kinds of users will be shown to you, users with a merchant admin role can only see their merchant users.

The same logic applies to user creation, only merchant admin users can create new users, he/she can create any kind of user with any kind of role, and merchant users can only create users with their merchant role.

3.8.1 Main screen

Users		ist Approvals
List	B Export users to CSV + Net	w 🏾 C Refresh
Email / User	Roles	
sheldoncooper@test.com Sheldon Cooper	6E3120000 Admin merchants, 6E3120000 Read transactions, AB1230	:
castrom@iata.org Mario Castro Perez	Global Admin users, Global All, Global Read full compliance info	:
nikolatesla@test.com Nikola Tesla	Global Read transactions	:

Main users page

The table shows from left to right:

- Email / User:
 - **email (top):** to identify the user within the administration panel. For communications like account created and password reset messages.
 - full name (bottom): full name of the user.
- **Roles**: if it overflows the screen, hovering over them will show a tooltip with all the roles the user has.
- **Filter button:** when clicked it will show behind the correspondent header an input field for each field that can be filtered.

Each row of the table can be clicked to open the detail screen of the user, detail screen will be explained below.

Also, if the user has a grey dot like in the image, it means that the user is disabled. A disabled user is like an eliminated used (cannot log in or perform any action) but remains in the system, allowing an admin want to enable that user if needed again.



Users	5		List Approvals
List	Email / User	+ New Dimport users from CSV De Export users to	CSV 2 Refresh
	Email Username or fullname		Q 🗇
	sheldoncooper@test.com Sheldon Cooper	6E3120000 Admin merchants 6E3120000 Admin users d transactions, AB1230	:
	castrom@iata.org Mario Castro Perez	6E3120000 All II compliance info, Glo	:
	nikolatesla@test.com Nikola Tesla	6E3120000 Approve relations	:
	franciscodeborjagarc@kpmg.es Borja Garcia	Global All, XX0000000 All	:

Filtering by role example: the portal will filter when you click the loupe for the available users by the role selected in the filter. The filter could combine several roles and only users with all the roles selected will appear.

3.8.2 Export users to CSV

Merchants can be exported to a CSV file by clicking on the 'Export to CSV' button:

User	S		List	Approvals
List		Export users to CSV	+ New	\mathcal{Z} Refresh
	Email / User	Roles	(7 Filters
	sheldoncooper@test.com sheldon Cooper	6E3120000 Admin merchants, 6E3120000 Read transactions, AB1230		:
	castrom@iata.org Mario Castro Perez	Global Admin users, Global All, Global Read full compliance info		:
	nikolatesla@test.com Nikola Tesla	Global Read transactions		:
		Users list screen		

Once the export button is pressed, it will be exported all the users that are shown on the screen.

The name convention of the CSV has less than 30 characters and the following structure: "YYYY-MM-DD_HH-mm-ss.csv" indicating the date and time of export of the file.

Another option is to click on the refresh button. Refresh is useful when you want to reload the user section without doing any change to the filters, but it also applies filters changes.



3.8.3 New user screen

User creation screen shows a form asking for all the information required. If any field is not filled properly, when the save button is clicked an error will appear in the appropriate field. It is possible to edit the "Username" and "Full name" once the user is created.

The only field with a default value will be the roles sections, the default roles assigned to the new user will be the same roles that the actual user has, but as the rest of the form, the roles can be changing, either adding a new one clicking the add button (add new role screen) or deleting roles clicking on the **x** icon. All users must have at least one role assigned and as many roles as needed.

New User		×
Enabled 🔵		
Username		
Username		
Sytem username of the user		
Full name		
Full name		
Fullname of the user		
Email		
User email		
Email of the user		
Roles ⑦		+ Add 🗇 Remove All
Merchant	Roles Assigned	
	× Read basic compliance info	
Global	× All	
	× Read full compliance info	
		Cancel ✓ Save
	User creation	

3.8.4 Add new role screen

This modal will show all addable roles to the user, excluding all roles from the same merchant if the user has already one role for that merchant. You can click on the role or roles to add, and search for roles in the bar at the top. The selected roles will appear next to the selected roles tag and if you want to reset the selection, just click clear selected button. As part of the system validation, if you select several roles of the same merchant and click save, only the highest privilege role will appear in the user details.

If you want to change the kind of privileges a user has in a merchant, change it in the user details screen.

Clicking add or cancel will bring you back to the user detail screen.



add new role			×	
			Q	
6E3120000 Admin merchants				
6E3120000 Admin users				
6E3120000 All				
6E3120000 Approve refunds				
6E3120000 Cancel payments				
6E3120000 Cancel refunds			•	
Selected Roles				
There are no selected roles				
Total: 0				
	X Cancel	団 Clear selection	✓ Add)
Add nev	v role scr	een	S	

If a user has all the possible roles, a message screen will appear with message "There are no more roles you can add to this user".

3.8.5 Own user details screen

Shows all the details of the selected user in the main user's screen. There are two tabs general and security.

General tab shows all the details of your user in the main screen, allowing you to change what you want. If you cannot change something, either the input will be greyed out or the button will not appear (e.g., add button right to roles section will not appear if you have read or operations role).

Security tab allows to change your password, if you want to, and to enable and disable MFA.



User details	×
Enabled 💽	
Username	
v-rodriguen@iata.org	
Sytem username of the user	
Full name	
Naiara Rodriguez Gutierrez	
Fullname of the user	
Email	
naiaradelamorrodrigu@kpmg.es	
Email of the user	
Data O	
Roles 🕐	+ Add 🗇 Remove All
Merchant Role	s Assigned
×	Read basic compliance info
Global ×	All
×	Read full compliance info
	Cancel ✓ Save
	Cancer Save

Own user details screen with only one role assigned

3.8.6 Another user details screen

Shows all the details of the selected user in the main user's screen.

If you have all or admin user roles of the same merchant or merchants that the user has roles, you will see all inputs open and can change all the data of the selected users. This is the screen you will see when you click on another user different from yours.



User details		×
Enabled 💽		
Username		
v-lopezp@iata.org		
Sytem username of the user		
Full name		
Paloma Lopez Fernandez		
Fullname of the user		
Email		
palomalopez@kpmg.es		
Email of the user		
Roles ⑦		+ Add 🗇 Remove All
Merchant	Roles Assigned	
6E3120000	× Approve refunds	
6E3120000	× Admin users	
	× Cancel refunds	
	× Approve refunds	
	× Admin users	•
		Cancel 🗸 Save

User detail screen if you have global or his merchant (beta) all or admin users role

3.8.7 Deleting roles

When you want to delete a specific role from a user, you can just click the **x** symbol right to the role and a modal window will appear asking you for confirmation of the deletion. Even though you have to confirm the deletion, the role deletion (or any other change made to the user) will not be saved unless you click save button. That way if you just miss clicked and deleted a role of the user you didn't want to, you can just click on cancel, go back to the main page reopen user details and correctly perform the change.



User details		×
Enabled 💽		
Username		
v-lopezp@iata.org		
Sytem username of the	user	
Full name		
Paloma Lopez Ferr	nandez	
Fullname of the user		
Email		
palomalopez@kp	Deletion confirmation ×	
Email of the user	Are you sure you want to remove the role ROLE_MERCHANT_APPROVE_REFUNDS_6E3120000 from v-lopezp@iata.org?	
Roles ⑦	× No ves 🗇 Remove All	
Merchant	kules Assiglieu	
	× Approve refunds	
6E3120000	× Admin users	U
	× Cancel refunds	
	× Approve refunds	
	× Admin users	·
	Cancel 🗸 Sa	ve

Deletion confirmation message screen when clicked on a role ${\bf x}$ symbol





3.9 Approvals Section

In this section you can see all the information about all the transactions in locked status that needs to be approved by a user with approver role. Only users with approval role can see and enter this section.

Depending on the kind of lock that the transaction has, it will need different kinds of approval.

Merchant approver can only approve locked transactions with "Should be approved" as a lock reason.

3.9.1 Main screen

Refunds shown in this main screen are all in locked status, if you want to see info of the refund or of the payment in more detail, just click on the refund ID or payment ID of the refund locked and you will see the detail screen related to it.

Approvals							AU Queries	Refunds
Refunds						Export refur	ids to CSV	\mathcal{C} Refresh
Lock Reason	Refund ID	Payment ID	Amount	Country	Merchant	Date ↑↓		√ Filters
Should be done compliance check	RK699Z2XH70BH Merchant refund id is not defined	P48MHA85XNX6D Merchant payment id is not defined	NOK4.00	NO	JJ0000000	12/19/2024, 2:11PM		:
Should be done compliance check	R7YEJK88D2T5T Merchant refund id is not defined	P32G6U2I7L06B Merchant payment id is not defined	DKK1.01	DK	JJ0000000	12/19/2024, 11:37AM		:
Should be processed manually	RTWTKVHOC5EQ8 Merchant refund id is not defined	PMQXFPQUQVO3R dc3d5428-2738-4434-ab7b-f5808d0a4a1b	₹0.89	IN	XX0000000	09/26/2024, 5:29PM		:

Main screen showing Unexpected transaction detected

The table shows from left to right:

- Lock Reason: brief description explaining why the refund was locked
- **Refund ID**: above will be the iataRefundId field in the API and below will be the merchantRefundId field in the API.
- **Payment ID:** above will be the iataPaymentId field in the API and below will be the merchantPaymentId field in the API.
- **Amount:** shows both the payment amount and, if there is a refund, in red will be the total refunded amount of that payment.
- Country: market where the payment was created.
- Merchant: id of the merchant who created the payment.
- **Date:** could appear one or two dates, if only one appears, it is the creation date. You can sort in ascending or descending order by clicking on the arrows.
 - Creation date (top): exact time when the payment was initiated.
 - Finish date (bottom): exact time when either the payment was settled or had an error.



Approvals							Refunds
Refunds							2 Refresh
Lock Reason	Refund ID	Payment ID	Amount	Country	Merchant	Date 🗢	Filters T
Insufficient funds	RFSYT93CPVCKW 502492402	P6S4Z4ECQPIRR 502492401	€619.99	DE	DE8810000	09/11/2023, 3:11 PM	

Main screen showing refund locked due to Insufficient funds.

Refunds can be unlocked on the refund details section or clicking on the 3 dots menu at the right side of the refund. If the user can approve or cancel the refund, the options will be shown like the image below. If the user cannot approve neither cancel the refund, these options won't be shown.

Lock Reason	Refund ID	Payment ID	Amount	Country	Merchant	Date 🗘		Filters T	
Unexpected transaction detected	R9KTVRFAEJ0MX Merchant refund id is not defi	P7EC2U5SMDJ5L OXYGPRR1X0VREGIS5PYJ	£0.01	GB	AL0000000	01/21/2020, 12:	59 PM	:	
							- Q Details		
							💧 Accept (L	Jnlock)	
							♦ Cancel re	efund	

Main screen showing 3 dots menu options regarding the refund

Once the accept or cancel refund buttons are clicked, confirmation dialogs like the images below will show up, so the user can double check the operation and avoid doing a wrong action by mis clicking.

Unlock transaction confirmation ×	Cancel transaction confirmation ×
Are you sure you want to accept (unlock) the transaction?	Are you sure you want to cancel the transaction?
No Yes	No Yes

Unlock transaction confirmation dialog

Cancel transaction confirmation dialog