Oracle FLEXCUBE ATM User Manual Release 5.0.2.0.0 Part No E52129-01

ORACLE'

FINANCIAL SERVICES



Table of Contents (index)

1	ATM	3	
	1.1. ATM01 - ATM Bank Params Maintenance	4	
	1.2. ATM02 - ATM Acquirer POS Id Maintenance	10	
	1.3. ATM03 - ATM Cash Replenishment by Branch Vault	14	
	1.4. ATM04 - ATM Cash Replenishment by Third Party	18	



1. ATM

ATM (Automated Teller machines) have become the most significant delivery channels after branch. Starting as a simple cash dispensing machine, now a days ATMs come with features where one can pay utility bill. Initiate fund transfer request, get statement of account, request for cheque books and several other services.





ATM

1.1. ATM01 - ATM Bank Params Maintenance

Using this option, you can define the bank parameters / GL accounts required for **Oracle FLEXCUBE**, which are necessary for maintaining ATM (Automated Teller Machine) transactions, which occur through various ATM channels across the network. The hold variance percentage and the hold period is also defined here.

The system places a Master Money Hold on the account when it grants authorization on an offline POS i.e. signature based POS transaction. The Hold has a certain validity period. The MasterMoney Hold will be removed by the system if the debit has a matching Authorization Code and is within the defined tolerance range. The debit will then be posted to the account. If either the Authorization Code and/or settlement amount for debit (not within the tolerance) does not match, the Hold is not removed. Such a Hold will expire on the expiry date.

Definition Prerequisites

• BAM20 - Bank Codes Maintenance

Other Prerequisites

• GL Codes have to be defined

Modes Available

Add By Copy, Add, Modify, Delete, Cancel, Amend, Authorize, Inquiry. For more information on the procedures of every mode, refer to **Standard Maintenance Procedures**.

To add ATM bank parameters

- 1. Type the fast path **ATM01** and click **Go** or navigate through the menus to **Global Definitions > Channels > ATM Bank Params Maintenance**.
- 2. The system displays the ATM Bank Params Maintenance screen.



ATM Bank Params Maintenance

ATM Bank Params Mair	ntenance*				🆧 🛿 💌
Bank Code :					
Institution Id :					
Issuer Fee GL :		ATM Cash GL :			
Forwarder Cash GL :		Acquirer Cash GL :			
Forwarder Fee GL :		Acquirer Fee GL :			
Debit Suspense GL :		Credit Suspense GL :			
Remittance Debit GL :		Remittance Credit GL :			
Settlement GL :					
Remit Branch Code :	~				
Allow Funds Transfer A	cross Customers :				
Levy Issuer Fee Online					
Funds Appropriation Seque	nce :				
Remarks:					
Input By	Authorized By		Last Mnt. Date	Last Mnt. Action	Authorized
Add By Copy O Add	d 💿 Modify 🔿 Delete 🔿 Ca	ancel 🔿 Amend 🔿 Authoriz	ze 🔿 Inquiry	UDF	Ok Close Clear

Field Description

Field Name	Description
Bank Code	[Mandatory, Numeric, Five]
	Type the code of the bank, for which global ATM definitions should be maintained.
	Each code uniquely identifies a different bank.
Institution Id	[Mandatory, Numeric, 11]
	Type the institution code.
	Each code uniquely identifies the bank in the network.
	Institution ID is allotted by the central bank of the country, or the body that governs payment systems in the country.
Issuer Fee GL	[Mandatory, Numeric, Nine]
	Type the issuer fee GL code.
	This GL account will be credited for fees on transactions done through the Bank's ATM network.



Field Name	Description
ATM Cash GL	[Mandatory, Numeric, Nine]
	Type the ATM cash GL code.
	This GL account will be credited or debited for cash transactions done through the Bank's ATM network by the bank customers.
Forwarder Cash GL	[Mandatory, Numeric, Nine]
	Type the forwarder cash GL code.
Acquirer Cash GL	[Mandatory, Numeric, Nine]
	Type the acquirer cash GL code.
	This GL account will be debited for the remote on-us transactions (transactions performed by the customers of other banks, through the Bank's ATM network).
Forwarder Fee GL	[Mandatory, Numeric, Nine]
	Type the forwarder fee GL code.
	This GL account will be credited for the transactions performed by other bank's customers through the ATM network, owned and managed by our bank in the capacity of a forwarder.
Acquirer Fee GL	[Mandatory, Numeric, Nine]
	Type the acquirer fee GL code.
	This GL account will be credited for fees on transactions done by banks, which act as Acquirer institutions.
Debit Suspense GL	[Mandatory, Numeric, Nine]
	Type the debit suspense GL code.
	This GL account will be debited in case of any suspense generated on account of ATM transactions. Entries in this GL should be manually reversed out after rectifying the cause of suspense. The entered GL account should be the Miscellaneous Debit implemented GL. Both the GLs should be of similar type either implemented GL or Normal GL.
Credit Suspense	[Mandatory, Numeric, Nine]
GL	Type the credit suspense GL code.
	This GL account will be credited in case of any suspense generated on account of ATM transactions. Entries in this GL should be manually reversed out after rectifying the cause of suspense. The entered GL account should be the Miscellaneous Credit implemented GL. Both the GLs should be of similar type either implemented GL or Normal GL.



Field Name	Description					
Remittance Debit	[Mandatory, Numeric, Nine]					
GL	Type the remittance debit GL code.					
	The GL will be debited if the other bank account holder is allowed to give debit instructions for debiting an ATM bank customer. The reconciliation or accounting of the remittance debit GL has to be done operationally from the file hand off.					
Remittance Credit	[Mandatory, Numeric, Nine]					
GL	Type the remittance credit GL code.					
	The GL will be credited if the ATM facilitates fund transfer option, and the customer of the bank does a fund transfer from his account to an external account.					
	The reconciliation or accounting of the remittance credit GL has to be done operationally from the file hand off.					
Settlement GL	[Mandatory, Numeric, Nine]					
	Type the settlement GL code.					
	This GL account will be debited or credited, in case of remote on us or off us transactions. The net balance in this GL will be claimed from, or paid to other banks in the network.					
Remit Branch Code	[Optional, Alphanumeric, 12]					
	Type the branch code for remittance.					
Allow Funds	[Optional, Check Box]					
Transfer Across Customers	Select the Allows Funds Transfer Across Customers check box if you want to allow the transactions involving funds transfer, across accounts belonging to different customers.					
Levy Issuer Fee	[Optional, Check Box]					
Online	Select the Levy Issuer Fee Online check box if you want to debit the issuer fees online simultaneously, along with the transaction.					
	Issuer fees is normally passed on by the switch/ETBI on which the ATM / TBS runs. Issuer fees is included in the message that is passed on by the switch/ETBI, and gets debited online with the original transaction amount, provided this flag is checked.					



Field Name	Description					
Funds	[Mandatory, Alphanumeric, Five]					
Appropriation	Type the funds appropriation sequence.					
ocquence	This field denotes the sequence in which the transaction amount needs to be appropriated while debiting the account.					
	The options are:					
	• S – Sweep-In					
	O – Overdraft					
	• V – Overline					
	 A – Advance against unclear funds 					
	T – Temporary Overdraft					
3. Click the Add b	putton.					
4. Enter the bank	code and press the <tab></tab> key.					

5. Enter the required information in the various fields.



ATM Bank Params Mai	intenance*							췒 🚺 🗵
Bank Code :	335							
Institution Id :	1111							
Issuer Fee GL :	100031800	ATM Cash GL :	100010101					
Forwarder Cash GL :	1000 10 10 1	Acquirer Cash GL :	1000 10 10 1					
Forwarder Fee GL :	100031800	Acquirer Fee GL :	100031800					
Debit Suspense GL :	100074000	Credit Suspense GL :	100074000					
Remittance Debit GL :	100074000	Remittance Credit GL :	100074000					
Settlement GL :	100074000							
Remit Branch Code :	но 💌							
Allow Funds Transfer	Across Customers :							
Levy Issuer Fee Online	e:							
Funds Appropriation Sequ	ence : BOSA							
Remarks:								
Record Details								
Input By	Authorized By	4	Last Mnt. Date	Last Mnt. /	Action		Authori	zed
TNELSON	SSUDEEP		11/12/2009 14:06:38	Authorize			<u></u>	
Add By Copy 💿 Ad	dd 🔾 Modify 🔿 Delete 🔿 (Cancel 🔘 Amend 🔘 Autho	rize 🔘 Inquiry		UDF	Ok	Close	Clear

ATM Bank Params Maintenance

- 6. Click the **Ok** button.
- 7. The system displays the message "Record Added...Authorization Pending.." Click the **OK** button.
- 8. The ATM bank parameters are added once the record is authorized.



1.2. ATM02 - ATM Acquirer POS Id Maintenance

Using this option, you can maintain the various Switch IDs, the physical ATM terminals that connect to these switches, and the originating branch code for a particular ATM.

Each ATM is logically attached to a GL (ATM CASH GL) in some branch (originating branch) in **FLEXCUBE**. Every ATM in the ATM network of a Bank has two ATM IDs (Card Acceptor terminal ID and Card Acceptor ID code), which uniquely identify the ATM. The ATM Acquirer POS ID Xref maintenance, maintains the cross-reference between the ATM IDs, ATM CASH GL and the ATM branch. Also, every Forwarder (VISA/Master Card), which the bank interfaces with, has to be configured through this option.

Definition Prerequisites

• BAM03 - Branch Master Maintenance

Other Prerequisites

• GL Codes have to be defined

Modes Available

Add, Modify, Delete, Cancel, Amend, Authorize, Inquiry. For more information on the procedures of every mode, refer to **Standard Maintenance Procedures**.

To add ATM acquirer POS ID

- 1. Type the fast path ATM02 and click Go or navigate through the menus to Global Definitions > Channels > ATM Acquirer POS Id Maintenance.
- 2. The system displays the ATM Acquirer POS Id Maintenance screen.



Acquirer Institution Id Card Acceptor Identification Code Card Acceptor Training Id Originating Brench Code Opport Cash GL Acquirer Fee GL Incoming Remit GL Outgoing Remit GL Sattlement GL	ATM Acquirer POS Id Main	itenance				80 B
Record Details	ATM Acquirer POS Id Main Acquirer Institution Id Card Acceptor Identification Forwarder Institution Id Card Acceptor Terminal Id Originating Branch Code ATM Cash GL Acquirer Fee GL Forwarder Fee GL Incoming Remit GL Outgoing RemitGL Settlement GL	Code				- 🍪 🖬
Record Details Input By Authorized By Last Mnt. Date Last Mnt. Action Authorized						
	Record Details	Authori	red By	 Last Mnt, Date	 Last Mnt. Action	Authorized

ATM Acquirer POS Id Maintenance

Field Description

Field Name	Description
Acquirer Institution	[Mandatory, Numeric, 11]
ld	Type the acquirer institution ID.
	The institution ID is allotted to the bank by the central bank or the governing body for non-branch channels like TBS, ATM and POS.
Card Acceptor	[Mandatory, Alphanumeric, 15]
Identification Code	Type the card acceptor identification code.
	This code identifies the ATM, which defines the point of the transaction in both local and interchange environment.
Forwarder	[Mandatory, Alphanumeric, 11]
Card Acceptor Identification Code[Mandatory, Alp Type the card a This code ident transaction in bForwarder Institution Id[Mandatory, Alp Type the forwar Type the forwar The institution I governing body	Type the forwarder institution ID.
	The institution ID allotted to the bank by the central bank or the governing body for non-branch channels like TBS, ATM and POS who own and manage the ATM network.



Field Name	Description
Card Acceptor Terminal Id	[Display]
	Each unique code identifies a terminal at the card acceptor location.
Originating Branch	[Mandatory, Drop-Down]
Code	Select the branch code from the drop-down list.
	The originating branch code refers to the branch through which the ATM transactions would be routed to respective branches. In practical scenarios, where all ATM operations are centralized, the branch code would be unique. However, if there are multiple switches that accept ATM requests, all catered to by different branches, the respective branch code needs to be maintained.
ATM Cash GL	[Mandatory, Numeric, Nine]
	Type the ATM cash GL code.
	This GL account will be debited on performing on-us, remote on us, off us transactions.
Deposit Cash GL	[Mandatory, Numeric, Nine]
	Type the deposit cash GL code.
Acquirer Fee GL	[Mandatory, Numeric, Nine]
	Type the acquirer fee GL code which accepts the card for performing the transaction.
Forwarder Fee GL	[Mandatory, Numeric, Nine]
	Type the forwarder fee GL code which is responsible for forwarding the transaction from the acquirer to the issuer.
Incoming Remit GL	[Mandatory, Numeric, Nine]
	Type the incoming remit GL code.
Outgoing Remit GL	[Mandatory, Numeric, Nine]
	Type the outgoing remit GL code.
Settlement GL	[Mandatory, Numeric, Nine]
	Type the settlement GL code.

- 3. Click the **Add** button.
- 4. Enter the acquirer institution ID and press the **<Tab>** key.
- 5. Enter the appropriate information in the fields.
- 6. Select the appropriate branch code from the drop-down list.



ATM Acquirer POS Id Mainten	ance					alia 🔝 🔽
Acquirer Institution Id	0021					
Card Acceptor Identification Cod	e 52215					
Forwarder Institution Id	L552					
Card Acceptor Terminal Id						
Originating Branch Code	JurbaikKAS 😽					
ATM Cash GL	212101100					
Deposit Cash GL	250010900					
Acquirer Fee GL	250171800					
Forwarder Fee GL	250171100					
Incoming Remit GL	250171200					
Outgoing RemitGL	212109101					
Settlement GL	330001008					
Record Details						
Input By	Authorized By	La	st Mnt. Date		Last Mnt. Action	Authorized
	0			141		

ATM Acquirer POS Id Maintenance

- 7. Click the **Ok** button.
- 8. The system displays the message "Record Added...Authorization Pending...Click Ok to Continue". Click the **OK** button.
- 9. The ATM acquirer POS ID is added once the record is authorized.

Note: The same Card Acceptor Identification Code can have multiple Card Acceptor Terminal Ids linked to it. Every combination of Card Acceptor Identification Code and Card Acceptor Terminal Ids is

Every combination of Card Acceptor Identification Code and Card Acceptor Terminal Ids is unique.



1.3. ATM03 - ATM Cash Replenishment by Branch Vault

This screen can be used to maintain the ATM TIL position in the branch when the actual cash is replenished in the ATM machine by Branch Vault. The screen 'ATM Cash Replenishment by Branch Vault' will be available to branch teller. Any transaction done through this screen will not be treated as a regular cash transaction done by Teller and Teller's TIL position will not be updated for any of the transactions that take place through this screen. The system will only update the TIL Position of the ATM terminal id on successful completion of a transaction through this screen.

Definition Prerequisites

- ATM02 ATM Acquirer POS Id Maintenance
- TIL01-TIL ID Maintenance
- TIL02 TIL Linkage Maintenance

Modes Available

Not Applicable

To maintain the ATM TIL position when Cash Replenishment is done by Third Party

- 1. Type the fast path **ATM03** and click **Go** or navigate through the menus to **Global Definitions > Channels > ATM Cash Replenishment by Third Party**.
- 2. The system displays the ATM Cash Replenishment by Branch Vault screen.



ATM Cash Replenishment from Branch Vault

Card Acceptor Terminal Id :	
Card Change Pin Cheque Cost Rate Handle FCY Change Denomination Instrument Inventory Pin Validation Service Charge Signature Travel	rs Cheque

Field Name	Description
Card Acceptor Terminal ID	[Mandatory, Pick list, 16] Select Card Acceptor Terminal Id (ATM Terminal ID) from the
	pick list. This field will display the selected Card Acceptor Terminal ID defined in the branch.
TIL ID	[Display]
	The System will display the TIL Id. linked to the ATM terminal id.
Currency	[Mandatory, Drop-down]
	Select the Currency in which Cash will be replenished in the ATM Terminal.
Total Required	[Mandatory, Text box]
Cash	Enter transaction amount



Field Name	Description
Narrative	[Mandatory, Alphanumeric, 120]
	Enter the transaction narrative in this field.
3. Select the Card	Acceptor Terminal ID using the pick list.

- Select the Card Acceptor Ferminal D using the pick list.
 The system will display the TIL ID automatically.
 Select the Currency in which you wish the cash to be replenished in the ATM terminal using the respective droop down.
 Enter the transaction amount in the respective field.
- 7. Write the descriptive Narration in the respective field.



	ent from Branth	vauit*									a 🕹 🖸	X
Card Acceptor Terminal Id TIL ID : Currency :* Total Required Cash :* Narrative :	1213441 124 RMB 10, ATM Cash	O00.00 Repleninshment from										
						1	1					
Card Change	Pin Cheque	Cost Rate	Handle FCY Change	Denomination	Instrument	Inventory	Pin Validation	Service Ch	arge Si	gnature	Traveller	; Cheque

- 8. Click on **OK** button.
- 9. The system will ask for authorization with the following message "Authorization required .Do you want to continue ?
- Click on OK button and Grant the permission to authorize the transaction.
 On successful completion the system will display "Transaction completed Successfully " message on a Pop up.



1.4. ATM04 - ATM Cash Replenishment by Third Party

This screen can be used to maintain the ATM TIL position in the branch when the actual cash is replenished in the ATM machine by third party. The screen 'ATM Cash Replenishment by Third Party' will be available to all type of tellers. Any transaction done through this screen will not be treated as a regular cash transaction done by Teller and Teller's TIL position will not be updated for any of the transactions that take place through this screen. The system will only update the TIL Position of the ATM terminal id on successful completion of a transaction through this screen.

Definition Prerequisites

- ATM02 ATM Acquirer POS Id Maintenance
- TIL01-TIL ID Maintenance
- TIL02 TIL Linkage Maintenance

Modes Available

Not Applicable

To maintain the ATM TIL position when Cash Replenishment is done by Third Party

- 1. Type the fast path **ATM04 and** click **Go** or navigate through the menus to **Global Definitions > Channels > ATM Cash Replenishment by Third Party**.
- 2. The system displays the ATM Cash Replenishment by Third Party screen.



ATM Cas	Replenishment	By	Third	Party
---------	---------------	----	-------	-------

ATM Cash Repl	enishment E	ly Third Party*	¢								8	
Card Acceptor Terr	ninal Id :											
TIL Id :												
Currency :*												
Total Required Cas	h:*											
GL Account :												
CASA Account :												
Narrative*		ATM Cash Rep	leninshment By Th	hird Party								
Card	Change Pin	Cheque	Cost Rate	FCY Change	Denomination	Instrument	Inventory	Pin Validation	Service Char	je Signat	ure Trav	ellers Cheque
									UDF	ок	Close	Clear

Field Name	Description
Card Acceptor Terminal ID	[Mandatory, Pick list, 16] Select Card Acceptor Terminal Id (ATM Terminal ID) from the pick list. This field will display the selected Card Acceptor Terminal ID defined in the branch.
TIL ID	[Display] The System will display the TIL Id. linked to the ATM terminal id.
Currency	[Mandatory, Drop-down] Select the Currency in which Cash will be replenished in the ATM Terminal.
Total Required Cash	[Mandatory, Text box] Enter transaction amount



Field Name	Description
GL Account	[Conditional, Text box, 9]
	Enter GL Account For crediting Third Party GL. This field will be mandatory if the CASA account is not entered. You must enter either GL account or CASA account.
	This field will become disabled if the CASA account is entered.
CASA Account	[Conditional, Text box, 16]
	Enter CASA Account For crediting Third Party CASA account. This field will be mandatory if the GL account is not entered. User must enter either GL account or CASA account.
	This field will become disabled if the GL account is entered.
Narrative	[Mandatory, Alphanumeric, 120]
	Enter the transaction narrative in this field.

- 3. Select the Card Acceptor Terminal ID using the pick list.
- The system will display the TIL ID automatically.
 Select the Currency in which you wish the cash to be replenished in the ATM terminal using the respective droop down.
- 6. Enter the transaction amount in the respective field.
- 7. Enter the GL Account or CASA Account for crediting third party CASA or GL Account.
- 8. Write the descriptive Narration in the respective field.



ATM Cash Replenishment I	By Third Party*									🇞 🚺 💌
Card Acceptor Terminal Id :	1213441									
TIL Id :	154									
Currency :*	RMB 💌									
Total Required Cash :*	200	.00								
GL Account :										
CASA Account :										
Narrative*	ATM Cash Rep	leninshment By Th	ird Party							
		1					1	1		
Card Change Pin	Cheque	Cost Rate	FCY Change	Denomination	Instrument	Inventory	Pin Validation	Service Charge	Signature	Travellers Chequ
								UDF O	K Clos	e Clear

ATM Cash Replenishment By Third Party

- 9. Click on **OK** button.
- 10. The system will ask for authorization with the following message "Authorization required .Do you want to continue ?".
- Click on **OK** button and Grant the permission to authorize the transaction.
 On successful completion the system will display "Transaction completed Successfully " message on a Pop up.





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