



ATM – ACQUIRING TRAINING

—

Content

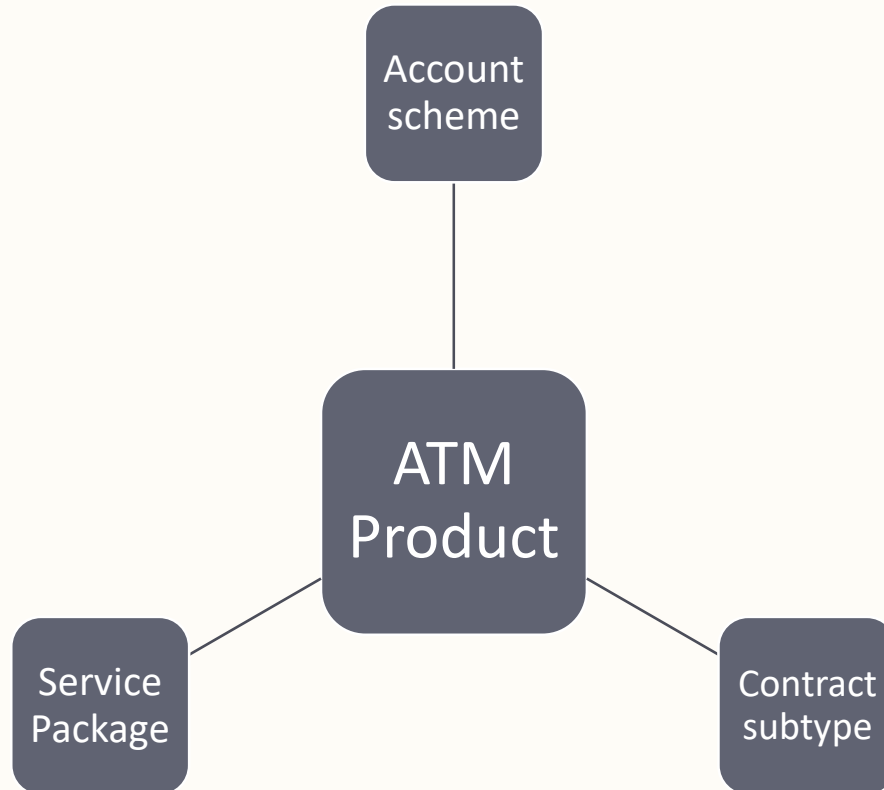


WAY4 ATM Product




ATM monitoring

What is the ATM Product?





Acquiring



Device

Accounting Contract Types << < > >> 1 of 3

Name	Channel	RBS Code	Keep Entries
→ Client Account	Internal	CA	Maximal
Bank Account	Internal	BA	Group
Nostro	Internal	NS	Group

Ins Del Query Copy Type SubTypes Msg Dict

SubTypes for Client Account << < > >> 1 of 6 b x

Institution	Client	Name	Is Active	Prefix	Min #	Max #	Current #	Humeration Type	RBS Code	Channel	Add Parms
→ ITDH	Commercial	011-Corporate Client Account	Yes	D11-C	000000	999999	1000059	Random	CA-c	Internal	
ITDH	Private	011-Liability Account Contract	Yes	D11-L	000000000	999999999	000000259	Sequential	CA-i	Internal	
ITDH	Private	011-MasterCard Account Contract	Yes	D11-M	000000000	999999999	000000252	Sequential	CA-m	Internal	
ITDH	Private	011-Private Client Account	Yes	D11-P	000000000	999999999	000000011	Sequential	CA-p	Internal	
ITDH	Accountant	011-RBS Client Account	Yes	D11-A	000000	999999		Random	CA-r	RBS	
ITDH	Accountant	011-Unknown Client Account	Yes	D11-D	000000	999999		Random	CA-u	Internal	

Ins Del Query Contracts Preferred

Device Contract Types << < > >> 4 of 10 x

Name	Channel	RBS Code	Terminal Category	Keep Entries
EBS Acq	EBS	EB		Group
VISA Acq	VISA	VA		Group
MasterCard Acq	MasterCard (PM)	MA		Group
→ Our ATM	Our ATM	AT	ATM	Maximal
Our Imprinter	Internal	IM	Imprinter	Maximal
Our POS	Our POS	PO	POS	Maximal
EuroCard Acq	MasterCard (PM)	EA		Group
JCB Acq	JCB	JA		Group
AMEX Acq	AMEX	AA		Group
CUP Acq	CLP	HA		Group

Ins Del Query Copy Type SubTypes Msg Dict

SubTypes for Our ATM << < > >> 2 of 3 b x

Institution	Client	Name	Is Active	Prefix	Min #	Max #	Current #	Humeration Type	RBS Code	Channel	Add Parms
ITDH	Accountant	011-Affiliated ATM	Yes	011-AFFATM	000000	999999		Random	AT-AA	Affiliated	
→ ITDH	Commercial	011-ATM	Yes	011	000001	999999		Random	AT-C	Our ATM	
ITDH	Accountant	011-Unknown ATM	Yes	011-ATM_DISP				Random	AT-AU	Our ATM	

Ins Del Query Contracts Preferred

Service Package

Service Package

<< < > >>

21 of 21

Name	Contract Type	Parent Pack	For Contracts	Use Default	Code	Fee Contract	Special Params	Is Ready
D11-ATM USD-Local	Our ATM	D10-ATM USD-Local	Product	For Dispute	CAA-UJ	D11-MERCHANT_FEE		Ready
D11-ATM USD	Our ATM	D10-ATM USD	Product	For Dispute	CAA-UJ	D11-MERCHANT_FEE		Ready
D11-ATM Local	Our ATM	D10-ATM Local	Product	For Dispute	CAA-L	D11-MERCHANT_FEE		Ready

Ins Del Query Approve Details Misc Source Target Additional Usage Messages Events Preferred Tariffs

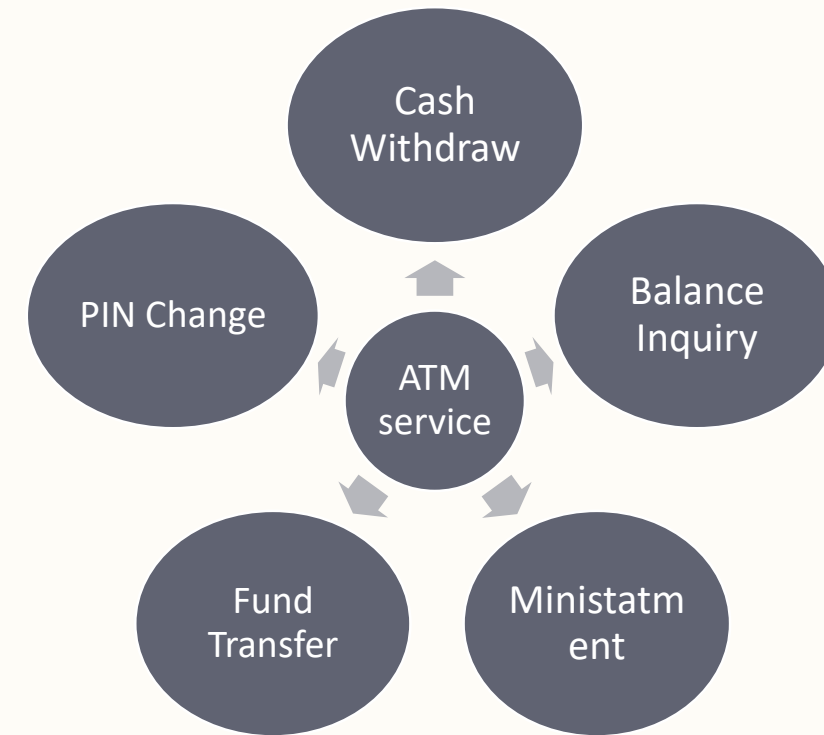
Source for 011-ATM Local

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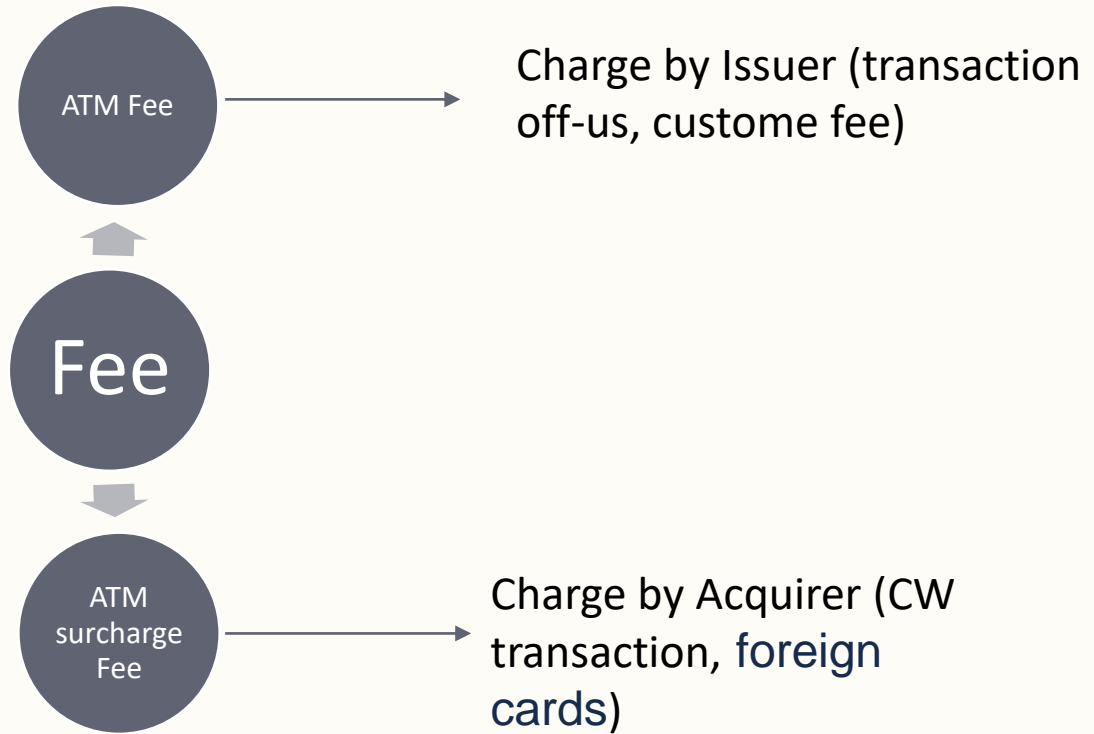
1 of 23

Target Type	Transaction Type	Currency	Rate Type	Fee Dir	Fee Curr	Base	%	Min	Increase %	Value Days	Is Ready	Name	Fee Code	Account Type	Fee Account
Our VISA Cards	ATM	VND	Middle	None		0.00	0.00	0.00	0.000		Ready	ATM (Our VISA Cards) VND		Merchant Receivable	Cash Fees Passive
VISA Cards	ATM	VND	Middle	None		0.00	0.00	0.00	0.000		Ready	ATM (VISA Cards) VND		Merchant Receivable	Cash Fees Passive
VISA Cards	Balance Inquiry	VND	Middle	None		0.00	0.00	0.00	0.000		Ready	Balance Inquiry (VISA Cards) VND		Merchant Receivable	Cash Fees Passive
Our EuroCardMasterCard	ATM	VND	Middle	None		0.00	0.00	0.00	0.000		Ready	ATM (Our EuroCardMasterCard) VND		Merchant Receivable	Cash Fees Passive
Our EuroCardMasterCard	Balance Inquiry	VND	Middle	None		0.00	0.00	0.00	0.000		Ready	Balance Inquiry (Our EuroCardMasterCard) VND			Cash Fees Passive
Our EuroCardMasterCard	MiniStatement	VND	Middle	None		0.00	0.00	0.00	0.000		Ready	MiniStatement (Our EuroCardMasterCard) VND			Cash Fees Passive
Our CirrusMaestro	ATM	VND	Middle	None		0.00	0.00	0.00	0.000		Ready	ATM (Our CirrusMaestro) VND		Merchant Receivable	Cash Fees Passive
CirrusMaestro	ATM	VND	Middle	None		0.00	0.00	0.00	0.000		Ready	ATM (CirrusMaestro) VND		Merchant Receivable	Cash Fees Passive
EuroCardMasterCard	ATM	VND	Middle	None		0.00	0.00	0.00	0.000		Ready	ATM (EuroCardMasterCard) VND		Merchant Receivable	Cash Fees Passive
ElectronPlus	ATM	VND	Middle	None		0.00	0.00	0.00	0.000		Ready	ATM (ElectronPlus) VND		Merchant Receivable	Cash Fees Passive
ElectronPlus	Balance Inquiry		Middle	None		0.00	0.00	0.00	0.000		Ready	Balance Inquiry (ElectronPlus)		Merchant Receivable	Cash Fees Passive
Our ElectronPlus	ATM	VND	Middle	None		0.00	0.00	0.00	0.000		Ready	ATM (Our ElectronPlus) VND		Merchant Receivable	Cash Fees Passive
Our Local Card	ATM	VND	Middle	None		0.00	0.00	0.00	0.000		Ready	ATM (Our Local Card) VND		Merchant Receivable	Cash Fees Passive
Our Local Card	Balance Inquiry	VND	Middle	None		0.00	0.00	0.00	0.000		Ready	Balance Inquiry (Our Local Card) VND		Merchant Receivable	Cash Fees Passive
DCI Cards	ATM	VND	Middle	None		0.00	0.00	0.00	0.000		Ready	ATM (DCI Cards) VND		Merchant Receivable	Cash Fees Passive
AMEX Cards	ATM	VND	Middle	None		0.00	0.00	0.00	0.000		Ready	ATM (AMEX Cards) VND		Merchant Receivable	Cash Fees Passive
UCB Cards	ATM	VND	Middle	None		0.00	0.00	0.00	0.000		Ready	ATM (UCB Cards) VND		Merchant Receivable	Cash Fees Passive
Our UCB Cards	ATM	VND	Middle	None		0.00	0.00	0.00	0.000		Ready	ATM (Our UCB Cards) VND		Merchant Receivable	Cash Fees Passive
Our CLP Cards	ATM	VND	Middle	None		0.00	0.00	0.00	0.000		Ready	ATM (Our CLP Cards) VND		Merchant Receivable	Cash Fees Passive
Our AMEX Cards	ATM	VND	Middle	None		0.00	0.00	0.00	0.000		Ready	ATM (Our AMEX Cards) VND		Merchant Receivable	Cash Fees Passive
EBS Cards	Balance Inquiry		Middle	None		0.00	0.00	0.00	0.000		Ready	Balance Inquiry (EBS Cards)		Merchant Receivable	Cash Fees Passive
EBS Cards	ATM		Middle	None		0.00	0.00	0.00	0.000		Ready	ATM (EBS Cards)		Merchant Receivable	Cash Fees Passive
EBS Cards	MiniStatement		Middle	None		0.00	0.00	0.00	0.000		Ready	MiniStatement (EBS Cards)		Merchant Receivable	Cash Fees Passive

Ins Del Query Full Info Custom Fee History



ATM Fee



Account scheme

Acquiring Account Schemes 1 of 3

Scheme Name	Currency	Interval	Length	Interest Contract	Parent Scheme	Code	Is Ready
011-Default ATM Scheme	VND	Day	1		010-Default ATM Scheme	MA	Ready
011-Default Cash Scheme	VND	Day	1		010-Default Cash Scheme	MC	Ready
011-Default Retail Scheme	VND	Day	1		010-Default Retail Scheme	MR	Ready

Ins Del Query Approve Definition Messages Interests Ageing Tiers Events Details

Details for 011-Default ATM Scheme

General	Billing Rules	Group
Name 011-Default ATM Scheme	Interval Type Day	Online Norm
Code MA	Interval Length 1	Special Norm
Used For Product	Date Type	Cr Lim Posting
Parent Scheme 010-Default ATM Scheme	Billing Day 0	Special Parms SPLIT_MONTHLY;
Currency VND	Due Date 0	
FX Type	Grace Period 0	
Interest Contract	Min Repaym 0.00	
Beh Group	Min Rq Repaym 0.00	
Init Beh Type	Repayment Perct 0.00	Version N <ASV120427051109><SOV120427051109>
Tariff Domain	Billing Tariff	Is Ready Ready
	Statement Tariff	

Actions ... Group Msg Tagged Data Included




Entering ATM contract

Product hierarchy

Enter ATM contract

Product hierarchy



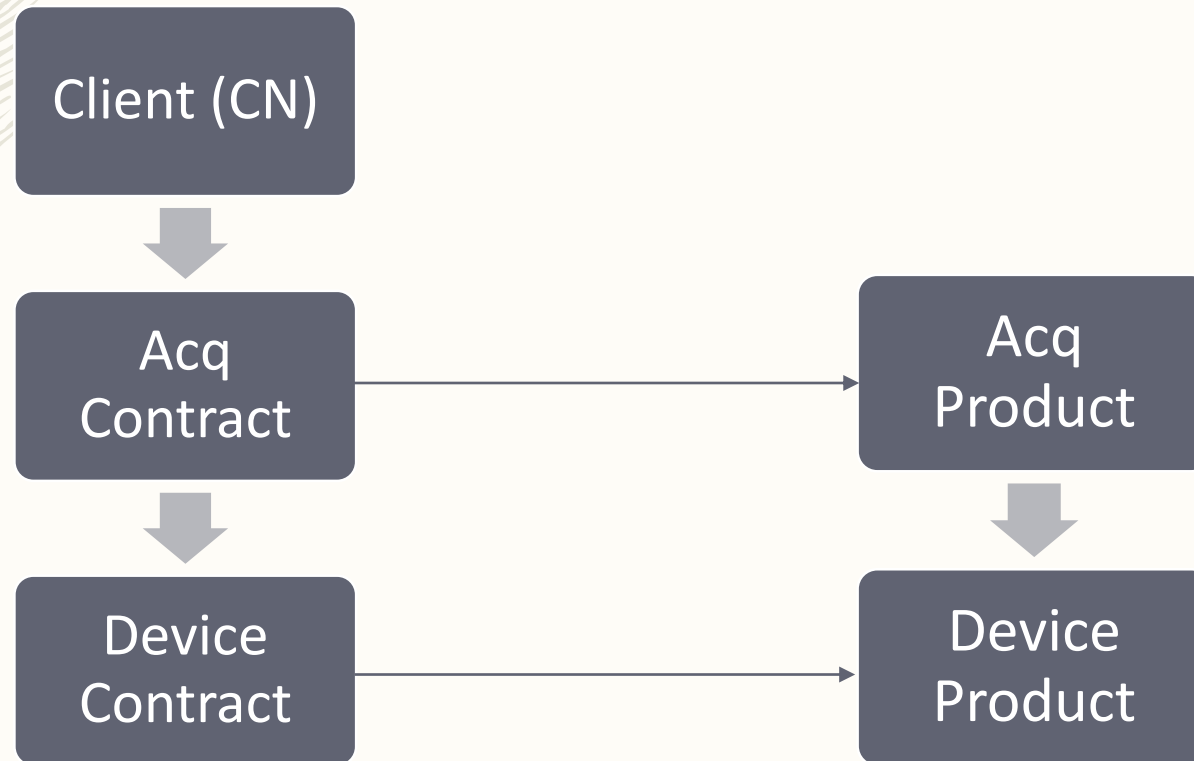
Client
(Chi
nhánh)

Acquiring
Contract

Device
Contract
(ATM)



Entering ATM Contract



ATM Type and Denomination



ATM type

- Define new ATM type
- Configuration file

Denomination

- Denominations
- Algorithm

ATM Type and Denomination

ATM Types												<< < > >>	35 of 50
Name	Brand	Model	Conf File	Outgoing Console	Cassette Account Code	Cash Account Code	EMV Conf File	Code	Transaction Attributes	Protocol Id	Dispense Account Code		
NCR SelfServ 34	NCR	8634	confatmnhdc_confthdoplus.cfg	Outgoing Console	ATM Cassette	Cash Dispenser	MFD:10100100005,VPD:05	NCR8634		NDC+			
NCR SelfServ 38	NCR	8638	confatmnhdc_confthdoplus.cfg	Outgoing Console	ATM Cassette	Cash Dispenser	MFD:10100100005,VPD:05	NCR8638		NDC+			
DL SST6000	OLIVETTI	6000	confatmncnfigat_1.cfg	Outgoing Console	ATM Cassette	Cash Dispenser		QLSST6000		Diebold 912			
QL SST6300	OLIVETTI	6300	confatmncnfigat_1.cfg	Outgoing Console	ATM Cassette	Cash Dispenser		QLSST6300		Diebold 912			
Opteva 328	DIEBOLD		confatmncnfigdiebold.cfg	Outgoing Console	ATM Cassette	Cash Dispenser	MFD:10100100005,VPD:05	Opteva328		Diebold 912			
ProCash 1500 DDC	WINCOR	ProCash 1500	confatmncnfigwincor.cfg	Outgoing Console	ATM Cassette	Cash Dispenser	MFD:10100100005,VPD:05	ProCash1500_DDC		Diebold 912			
ProCash 1500 NDC	WINCOR	ProCash 1500	confatmnhdc_confwincor.cfg	Outgoing Console	ATM Cassette	Cash Dispenser	MFD:10100100005,VPD:05	ProCash1500_NDC		NDC+			
ProCash 2000 DDC	WINCOR	ProCash 2000	confatmnhdc_confwincor.cfg	Outgoing Console	ATM Cassette	Cash Dispenser	MFD:10100100005,VPD:05	ProCash2000_DDC		Diebold 912			
ProCash 2000 NDC	WINCOR	ProCash 2000	confatmnhdc_confwincor.cfg	Outgoing Console	ATM Cassette	Cash Dispenser	MFD:10100100005,VPD:05	ProCash2000_NDC		NDC+			
ProCash 2050 DDC	WINCOR	ProCash 2050	confatmncnfigwincor.cfg	Outgoing Console	ATM Cassette	Cash Dispenser	MFD:10100100005,VPD:05	ProCash2050_DDC		Diebold 912			
ProCash 2050 NDC	WINCOR	ProCash 2050	confatmnhdc_confwincor.cfg	Outgoing Console	ATM Cassette	Cash Dispenser	MFD:10100100005,VPD:05	ProCash2050_NDC		NDC+			
ProCash 2054 DDC	WINCOR	ProCash 2054	confatmncnfigwincor.cfg	Outgoing Console	ATM Cassette	Cash Dispenser	MFD:10100100005,VPD:05	ProCash2054_DDC		Diebold 912			
ProCash 2054 NDC	WINCOR	ProCash 2054	confatmnhdc_confwincor.cfg	Outgoing Console	ATM Cassette	Cash Dispenser	MFD:10100100005,VPD:05	ProCash2054_NDC		NDC+			
ProCash 2100 DDC	WINCOR	ProCash 2100	confatmncnfigwincor.cfg	Outgoing Console	ATM Cassette	Cash Dispenser	MFD:10100100005,VPD:05	ProCash2100_DDC		Diebold 912			
ProCash 2100 NDC	WINCOR	ProCash 2100	confatmnhdc_confwincor.cfg	Outgoing Console	ATM Cassette	Cash Dispenser	MFD:10100100005,VPD:05	ProCash2100_NDC		NDC+			

4

Ins Del Query DR Oper HR Hardware

ATM Denominations												<< < > >>	6 of 6
Name													
Opteva 328													
Diebold family with coin													
Wincor ProCashDDC family													
Wincor ProCashNDC family													
Diebold family													
* NDCNDC+ family													
Denom for NDCNDC+ family												<< < > >>	4 of 4
Direction	Item Type	Name	Mapped to	Currency	Denomination	Limit	Dispense Parameters	Cycle Type Code					
Debit	Banknote	1		VND	500,000.00/50560								
Debit	Banknote	2		VND	200,000.00/50560								
Debit	Banknote	3		VND	100,000.00/10160								
* Debit	Banknote	4		VND	10,000.00/10160								

Entering ATM contract

Clients (Corporate) << < > >> 2 of 2

Short Name	Reg Number	Client Number	Company Full Name	Is Ready
ATM TESTING_KHONG SU DUNG	131241412414	131241412414	khong su dung	Ready
★ ATM TEST TTDH - DANG SU DUNG	1829163912		Hien tai Dang Su Dung	Ready

Ins Del Query Action ... Client - Edit Iss Cgntr Acq Contr All Contracts Classifiers

Acq Contr for ATM TEST TTDH - DANG SU DUNG << > >> 1 of 1

Contract # 011-C-907821

Client ATM TEST TTDH - DANG SU DUNG

Contract Name ATM TEST TTDH - DANG SU DUNG

Product

Acnt Scheme 011-Default ATM Scheme

Type 011-Corporate Client Account

Service 011-Acq Accounting Commercial

Report Type Merchant Default

TTDH Bank ATM

RBS #, Member ID

Settlement Type Available VND -377,150,000.00

Usage Scenario Own only

Liab Contract Liab Category

Comment

SIC Code 0011 ATM Card Acceptor ID 011-C-907821

Open/Close 08/07/2013 00000000 Status Account OK Approval Ready

Ins Del Query Action ... Client Accounts Subs Balance Serv Cards Pers.Usage Svch Usage Jn/OH Usage Devices ATM Retail Address AddParms All Clients Classifiers

Devices for ATM TEST TTDH - DANG SU DUNG << > >> 1 of 1

Identification

Terminal ID 4M011001

Device Name ATM TEST TTDH - DANG SU DUNG

Client ATM TEST TTDH - DANG SU DUNG

Comment

Product Settings

Product

Type 011-ATM

Service 011-ATM Local

Risk Parameters

Risk Scheme

Floor Limit Factor 0.000

Usage Scenario Own only

SIC Code 0011 ATM Card Acceptor ID

Opened/Closed 08/07/2013 00000000 Status Device OK Ready

Ins Del Query New Client Client ATM Serv Cards Parms Pers.Usage Svch Usage Jn/OH Usage Address SubDevices AddParms



ATM monitoring



Hardware status



Cassettes status



Send command to ATM

Cassettes

ATM Monitor - All

<<<>>>

3 of 4

Terminal ID	Location	Online	Status	Current Operation	Fin Institution	Pickup	Device Type	Device Name
00111740	HAN		OK		Card Centre	0	ProCash 1500 NDC	ATM TEST
00143115	HANOI		Information		Card Centre	0	ProCash 1500 DDC	CLIENT AMT 0002
→ 10500002	HANOI	No	Warning		Card Centre	0	NCR 5684	ATM TEST NDC
105A0001	HANOI	Yes	Information		Card Centre	0	ProCash 2000 DDC	ATM TEST

InsDel

Query

Console

Hardware

Cassettes

Last Errors

Last Msg's

Curr Cycles

Operations

Full Info

Messages

Cash Out

Cash In

Cassettes for ATM TEST NDC

<<<>>>

1 of 4

b x

Cycle Type	Key Value	Direction	Item Type	Position	Name	Mapped To	Subtype	Currency	Denomination	Limit	Status	Loaded	Loaded Amount	Dispensed	Disp Amount	Checked
→ Cash-Out	DBP1	Debit	Banknote	1				VND	50,000.00	40	OK	0		0.00/0		0.00/0
Cash-Out	DBP2	Debit	Banknote	2				VND	50,000.00	40	OK	0		0.00/0		0.00/0
Cash-Out	DBP3	Debit	Banknote	3				VND	50,000.00	40	OK	0		0.00/0		0.00/0
Cash-Out	DBP4	Debit	Banknote	4				VND	50,000.00	40	OK	0		0.00/0		0.00/0
												0		0		0

InsDel

Query

Status

Console

Dispense

Send Console Command to ATM

ATM Monitor - All

Terminal ID	Location	Online	Status	Current Operation	Fin Institution	Pickup	Device Type	Device Name
00111740	HAN		OK		Card Centre	0	ProCash 1500 NDC	ATM TEST
00143115	HANOI		Information		Card Centre	0	ProCash 1500 DDC	CLIENT AMT 0002
→ 10500002	HANOI	No	Warning		Card Centre	0	NCR 5684	ATM TEST NDC
105A0001	HANOI	Yes	Information		Card Centre	0	ProCash 2000 DDC	ATM TEST

Ins Del Query Console Hardware Cassettes Last Errors Last Msg's Curr Cycles Operations Full Info Messages Cash Out Cash In

Copy Configuration Import
Process Log
Issuing
Acquiring
Terminal Suspicious Keys
Device Keys Usage Monitor
Application Input
Acquiring Contracts
ATM Controller
POS / Imprinter Controller
InfoKiosk Controller
Service Card Production
Online Loads

ATM Console for 10500002

Decrypt new COMM key with current Master key

Send Set OK Exit

Appendix

Clients (Corporate) << < > >> 2 of 2

Short Name	Reg Number	Client Number	Company Full Name	Is Ready
ATM TESTING - KHONG SU DUNG	131241412414	131241412414	khong su dung	Ready
ATM TEST TTCH - DANG SU DUNG	1829163912		Hen ta Dang Su Dung	Ready

Intr Del Query Action ... Client - Edit Iss Contr Acq Contr All Contracts Classifiers

Acq Contr for ATM TEST TTCH - DANG SU DUNG << < > >> 1 of 1

Contract # 011-C-907821

Client ATM TEST TTCH - DANG SU DUNG

Contract Name ATM TEST TTCH - DANG SU DUNG

Product

Acct Scheme 011-Default ATM Scheme

Type 011-Corporate Client Account

Service 011-Acq Accounting Commercial

Report Type Merchant Default

TTCH Bank ATM

RBS #, Member ID

Settlement Type Available VND -377,150,000.00

Usage Scenario Own only

Liab Contract

Liab Category

Comment

SIC Code 6011 ATM

Card Acceptor ID 011-C-907821

Open/Close 28/07/2013 00000000 Status Account OK Approval Ready

Intr Del Query Action ... Client Accounts Subs Balance Serv Cards Pers Usage Such Usage In/Out Usage Devices ATM Retail Address AddParams All Clients Classifiers

Devices for ATM TEST TTCH - DANG SU DUNG << < > >> 1 of 1

Identification

Terminal ID 6M011001

Device Name ATM TEST TTCH - DANG SU DUNG

Client ATM TEST TTCH - DANG SU DUNG

Comment

Product Settings

Product

Type 011-ATM

Service 011-ATM Local

Risk Parameters

Risk Scheme

Floor Limit Factor 0.000

Usage Scenario Own only

SIC Code 6011 ATM

Card Acceptor ID

Opened/Closed 28/07/2013 00000000 Status Device OK

Intr Del Query New Client Client ATM Serv Cards Params Pers Usage Such Usage In/Out Usage Address SubDevices AddParams

ATM for ATM TEST TTCH - DANG SU DUNG << < > >> 1 of 1

Terminal ID 6M011001

Denominations NDC,NDC+ family

ATM Type ProCash 2000 NDC

Global Coin Limit 50 0

ATM Location HA NOI - DANG SU DUNG

Cut Off Time

Working Time

Service Group

Time Offset 0

Default Curr VND

MAC Status None

Socket 3855

Configuration 1

PIN Prevalidation Optional

HW Address 10.213.241

Intr Del Query Setup Hardware Operations Messages Cassettes Params Enh Params Keys State

Thanks You

