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MobileLime Installation Guide
ISS45 Version 7



MobileLime ISS45 V7 Installation Guide

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MobileLime StoreNext Setup
V9.6

On StoreNext Ver 7 Platform

For

1. MobileLime Payment
2. MobileLime Loyalty
3. Proxy Gateway

For any questions or comments about the document, please email support@mobilelime.com

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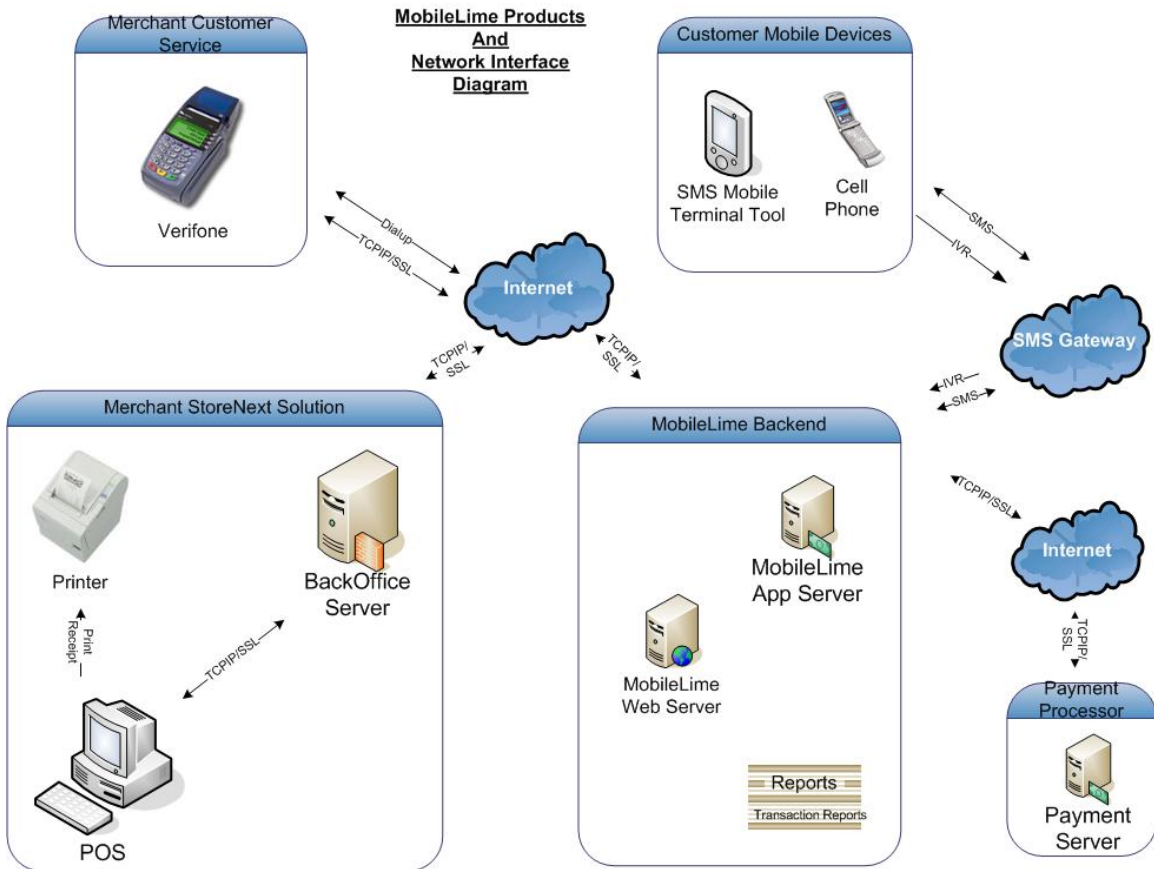
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The following document outlines the steps required to configure the MobileLime Interface within the StoreNext POS application. These instructions apply to both Version 7

1) StoreNext – Network Configurations

The merchant will need the following network configurations to get started on setting up the Mobilelime interface. Please check to see if the merchant has the right network configuration.

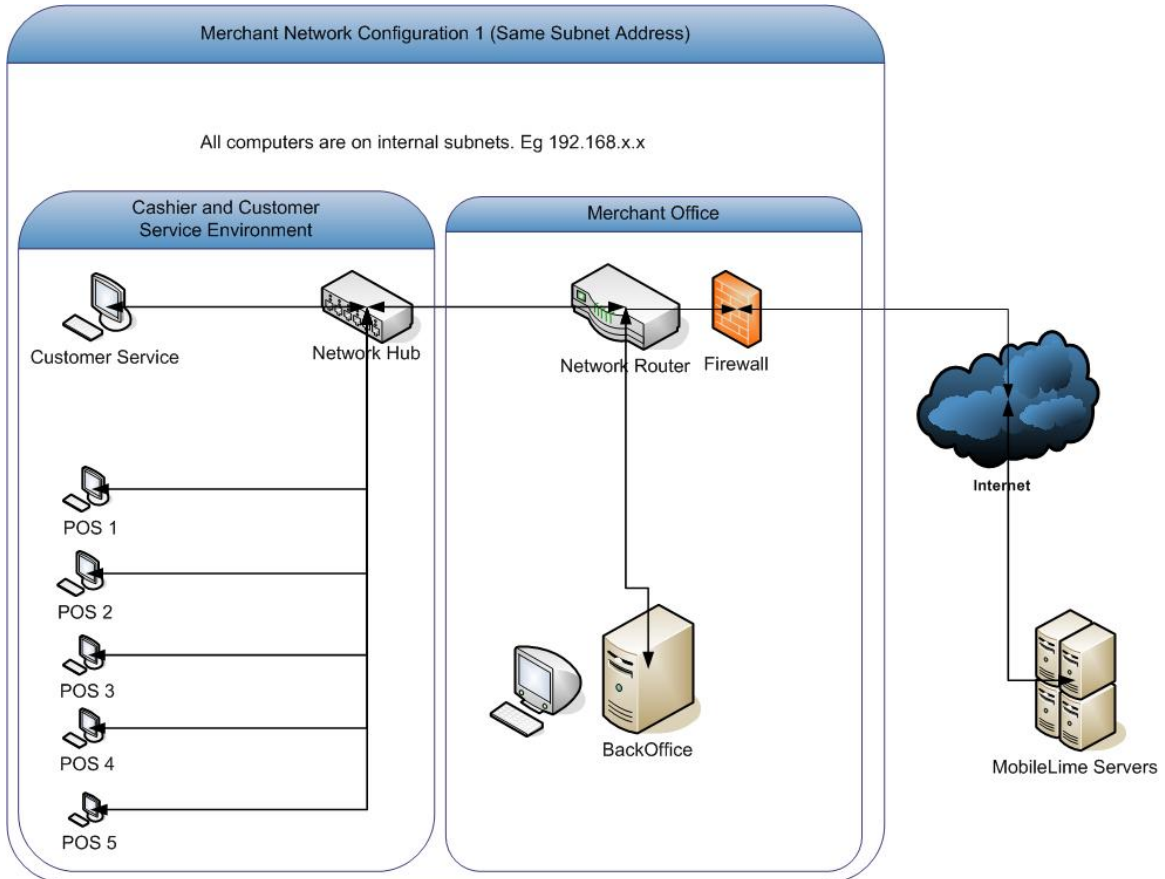
a) MobileLime Product Suite Network Configuration



The above diagram shows the MobileLime product suite and how the network interaction takes place.

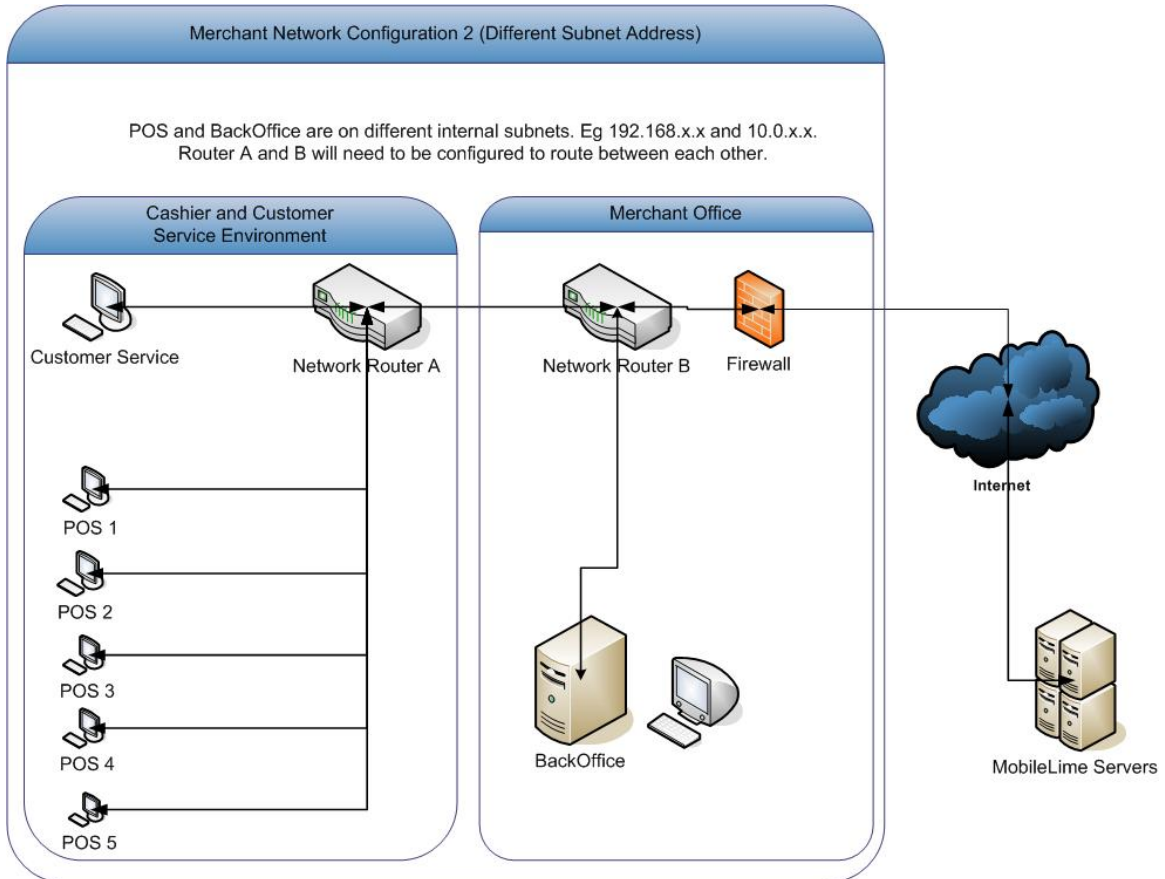
The Merchant StoreNext Solution shows the high level network topology for the merchant environment. This section will describe several network proposals that merchants could use. Each environment has varying degree of cost and network reliability associated with the configuration. Merchant must be setup in one of the possible proposed configurations below for the MobileLime interface.

b) Merchant Network Configuration Proposal 1



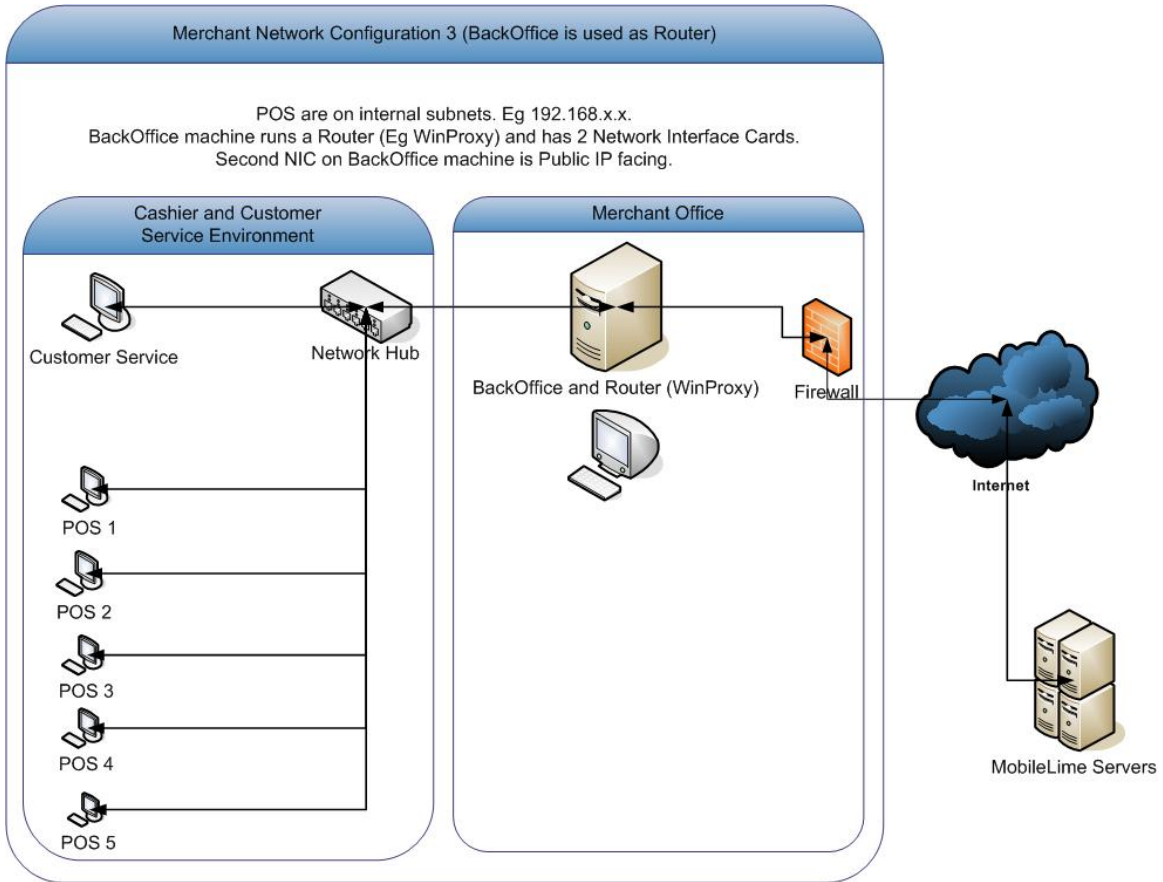
The above diagram shows the ideal network configuration. This configuration allows all POS and BackOffice to be located on the same subnet.

c) Merchant Network Configuration Proposal 2



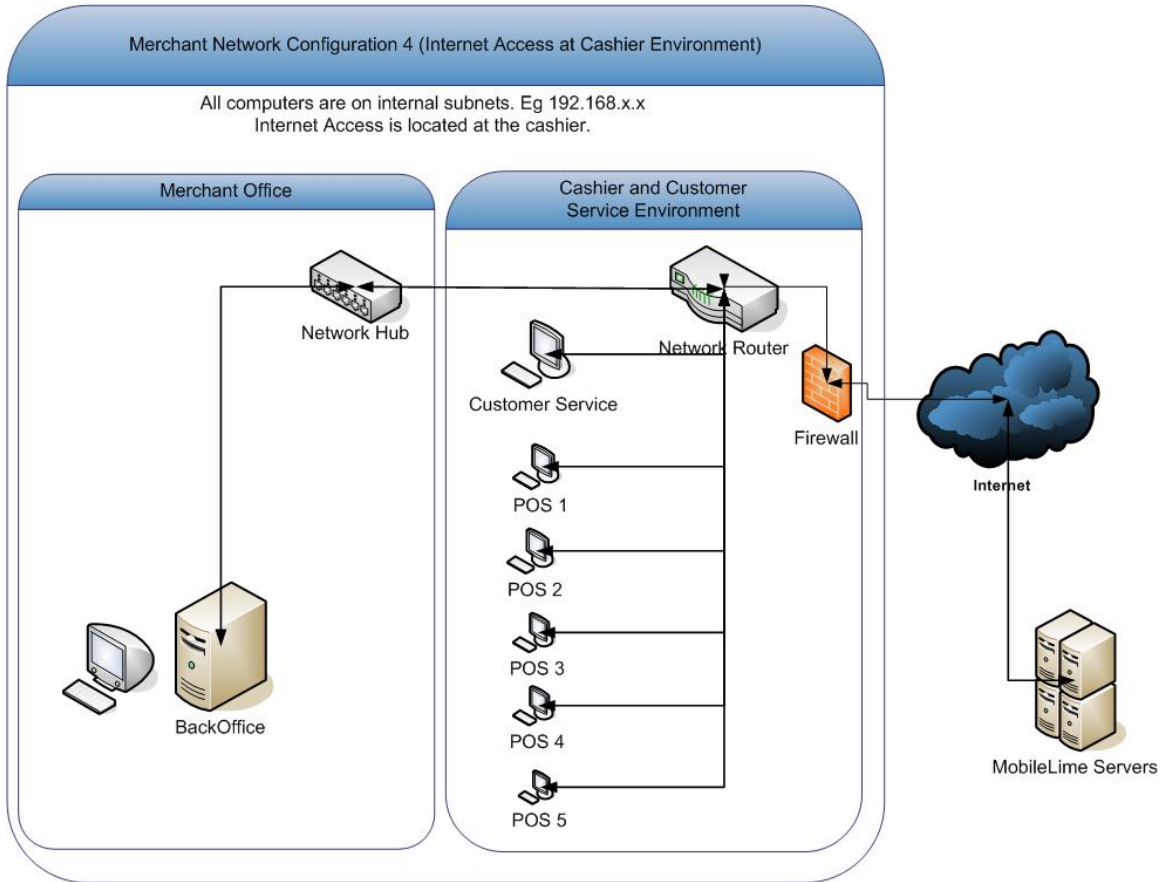
The above diagram shows a possible network configuration at the merchants. This configuration allows all POS and BackOffice to be located on different subnets. This configuration might be not possible due to the limitations of router which might not be able to route between different subnets.

d) Merchant Network Configuration Proposal 3



The above diagram shows the least reliable network configuration. The BackOffice machine is used as the proxy to the internet. When the BO/Proxy machine is taken down, all the POS loses internet connectivity.

e) Merchant Network Configuration Proposal 4



The above diagram shows another type of network configuration. This configuration allows all POS and BackOffice to be located on the same subnet. This network configuration is also ideal.

2) StoreNext – MobileLime Interface Installation

The following document outlines the steps required to configure the MobileLime Interface within the StoreNext POS application. These instructions apply to both Version 7 only.

a) Planning/Preparation

- The merchant needs at the minimum ver 7.0.9.1-080 of StoreNext application for MobileLime interface to work. The merchant must upgrade their systems if they do not have the minimum versions.
- Contact MobileLime Support at support@mobilelime.com or 888-287-7719 (during EST Business Hours of 9am to 6pm, Monday through Friday) if you have any questions or comments about setting up the software. You may leave a message on weekends and someone will get back to you at the earliest convenience. If you would like to schedule testing over the weekend, then please email us at support@mobilelime.com with a request to work with you over the weekend.
- You will need MobileLime to provide you with a location ID for your merchant, a merchant account, and a test mobile account with a positive prepaid balance so you can ensure the interface is working correctly.
- You will also want to communicate with MobileLime regarding terminal IDs, if you already have some established, then please let MobileLime support know these.
- You will need two files which will be resident on the WinPOS machines: **mlime.dll and mlime.ini**. Mobilelime Support can also send you these files.
- You will need to add a Mobilelime tender key on the keyboard in each of the lanes by replacing an unused key. Please mark the new key with “MobileLime”.

b) BackOffice Configuration

- i) From the BackOffice application, you will need to establish the MobileLime tender and discount interfaces. The instructions below provide an outline of the configuration.
- ii) Create Tender Type of MobileLime Tender
 - (1) StoreNext 7.x: Goto 1.6.8
 - (2) Set the following parameters:
 - (i) Tender number
 1. 18 (This number is depending on the next available record)
 - (ii) Tender name

1. MobileLime
 - (iii) Type of tender
 1. Debit card
 - (iv) Check
 1. Refund Allowed
 2. Value not required
 3. Value not required for negative
 4. Tender bankable
 - (v) Account number required
 - a. Entered by Cashier
 - (vi) Check
 1. Use Card Range
 - (vii) Card Type
 1. Debit
- iii) Create Tender Type of MobileLime Discount [These settings are reserved for future use]
- (1) StoreNext 7.x: Goto 1.6.8
 - (2) Set the following parameters:
 - (i) Tender number
 1. 20 (This number is depending on the next available record)
 - (ii) Tender name
 1. MobileLime Disc
 - (iii) Type of tender
 1. General Tender
 - (iv) Check
 1. Refund Allowed
 2. Value not required
 3. Value not required for negative
 4. Tender bankable
 - (v) Account number required
 - a. Entered by Cashier
 - (vi) Check
 1. Use Card Range
 - (vii) Card Type
 1. Debit
- iv) Create Discount Maintenance
- (1) StoreNext 7.x: Goto 1.6.3
 - (2) Set the following parameters:
 - (a) Discount Type Number
 - (i) 4 (This number is depending on the next available record)
 - (b) Discount Description
 - (i) MobileLime
 - (c) Check
 - (i) Valid Discount

- (ii) Fixed Discount
 - (iii) Automatic execution if fixed
 - (iv) Default Discount
 - (v) Discount by Value %
- v) Set POST Parameter File 2
- (1) StoreNext 7.x: Goto 6.1.3.13
 - (2) Set the following parameters:
 - (a) MobileLime tender 18 (Enter the value in paragraph 1)
 - (b) Mobilelime discount tender 20 (Enter the value in paragraph 2)
 - (c) MobileLime timeout 20
 - (d) ML Prefix (this will be MobileLime Location ID)
 - (e) Mobilelime discount number 4 (Enter the value in paragraph 3)
- vi) Set Function Maintenance
- (1) StoreNext 7.x: Goto 6.9.1
 - (2) Set the following parameters:
 - (a) Function Number
 - (i) 1140
 - (b) Function Name
 - (i) MOBILELIME LOYALTY
- vii) Program Keys 6.9.2 (This might be setup already in some cases)
- (1) Key for ML tender needs to be a tender
 - (a) Select keyboard
 - (i) Keyboard sale mode
 - 1. Preset for Tender
 - a. Tender number of MobileLime
 - (ii) Keyboard tender mode
 - 1. Preset for tender
 - a. Tender number of MobileLime
- viii) Create Return Types
- (1) StoreNext 7.x: Goto 1.6.2
 - (2) Set the following parameters:
 - (a) Number
 - (i) 1
 - (b) Name
 - (i) Return Type 1
 - (c) Check
 - (i) Active
 - (d) Basic Setup
 - (i) Set Transaction Return

c) WinPOS Installation

- During the WinPOS setup process, you will be prompted for a terminal number. Please let MobileLime (support@mobilelime.com) support know what these terminal IDs are so they can be added to the ML system.
- Depending on the terminal is configured; you will want to create a “MobileLime” tender key.

d) Additional Client/Lane Software Required

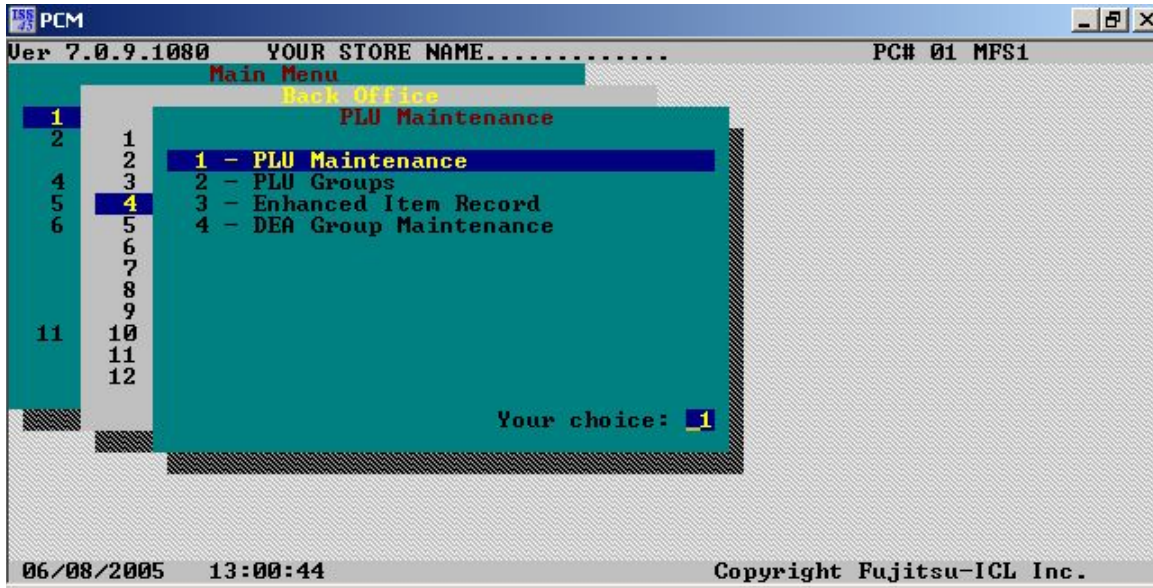
- You should have:
 - (1) Copy the mlime.dll to C:\Program Files\POSware\WinPOS\Drv32
 - (2) Copy the mlime.ini to C:\Program Files\POSware\WinPOS
 - (3) **REBOOT**: If doing transaction and the mlime.dll pops up a dialogue box asking you to “Enter MobileNumber” and then you get an error such as “ACCOUNT Number NOT FOUND”, REBOOT THE COMPUTER ONE MORE TIME.
 - (4) **EXCEPTION EVENT NOTES: To be sure to obtain all the changes made on the StoreNext 7.x BackOffice, Perform a cold start on the WinPOS terminal to obtain the updates.**
 - (5) The wpprmsrv_mblm.dll needs to be manually renamed and replace the wpprmsrv.dll in the folder C:\program files\posware\winpos\drv32. (If the mlime.ini pre-exist, it automatically updates it, if it does not, the dll needs to be manually changed for new POS.)

2) Segmentation Setup:

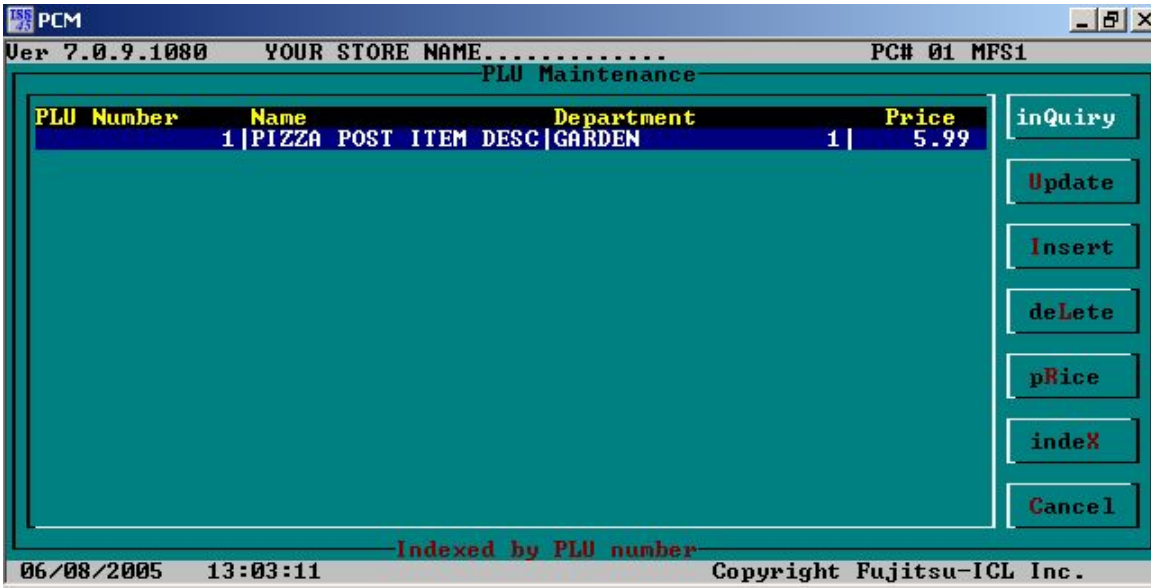
- a) If you are setting up the Segmentation for the first time, do all the task listed above
- b) If you are ONLY adding a promotion, just do item 3 above.

1) Add/Modify PLU item

- a) To add a test item for a test promotion. (NOTE: Skip this step if a real item is present at store for promotion)
 - i) Goto 1.4.1 to create PLU for sale and hit Enter



- ii) To get to the PLU Maintenance Screen, tab to Update or Insert and hit Enter



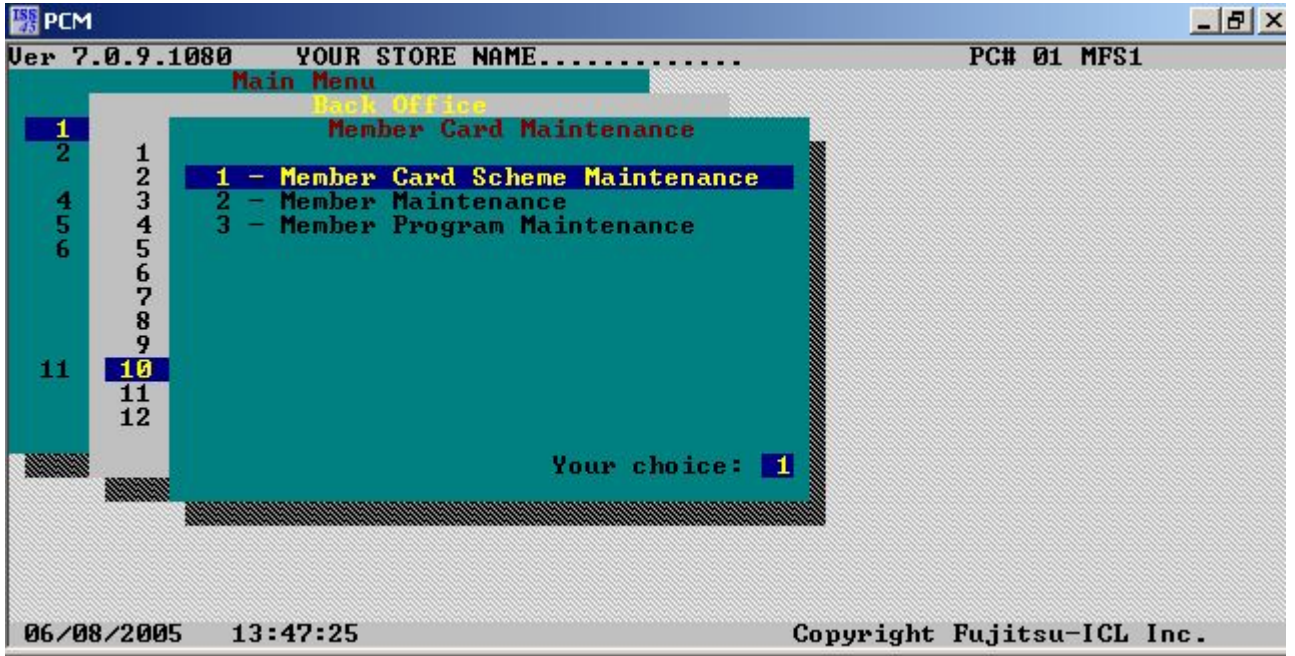
- b) Enter the PLU Item Data
 - i) For Department, press the -> key to select department



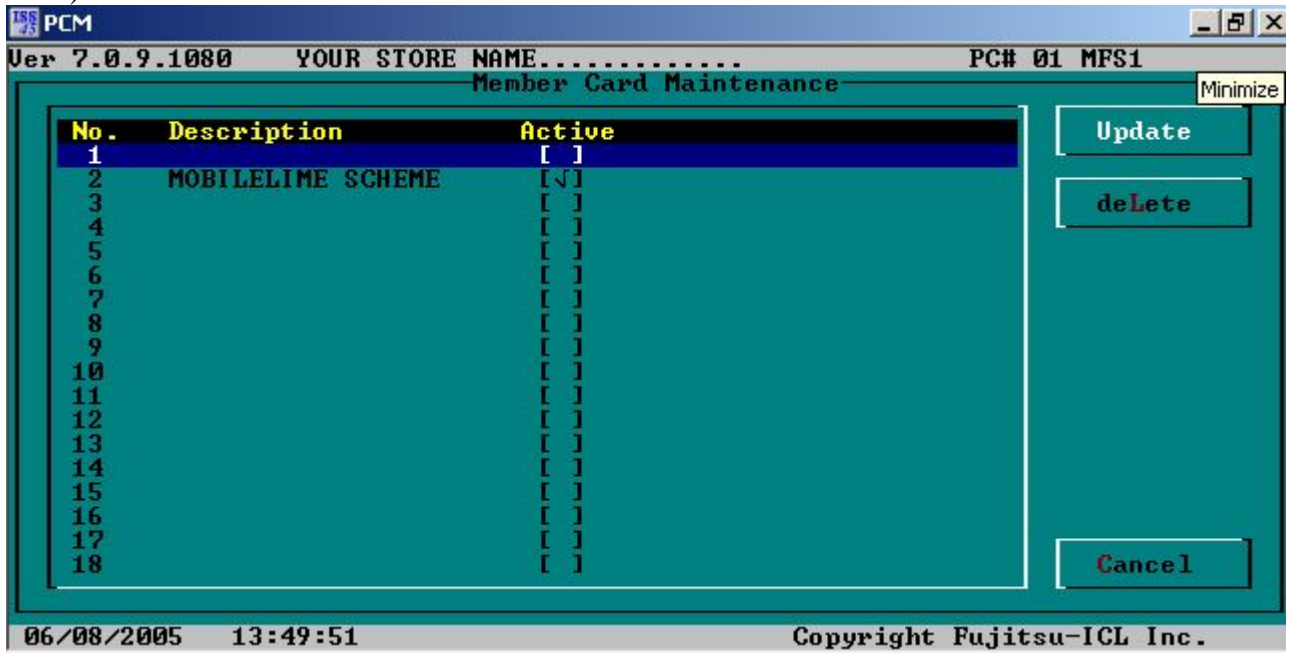
- c) Press F2 to Update when done

2) Add Member Card Scheme

- a) Goto 1.10.1 to Create the Member Card Scheme



- b) Add Member Card Scheme to 2 and above



- c) Enter Member Card Scheme Data

PCM Ver 7.0.9.1120 YOUR STORE NAME..... PC# 01 MFS1
Member Card Scheme - Additional # 2

Description.....▶ MOBILELIME SCHEME
Active.....▶ [Y]

Trigger type.....▶ Gets points only from Current scheme. [↓]
Receipt print option.....▶ Don't print ADDITIONAL points [↓]
Value to use.....▶ Give points for QS only [↓]
Print card number.....▶ No [↓]

Units Spend
Threshold amount.....▶ .00 Points.▶ 0
2nd Threshold amount.▶ .00 Points.▶ 0

Bonus Spend
Threshold points.....▶ 0
2nd Threshold points.▶ 0
Applicable days.....▶ Mon Tue Wed Thu Fri Sat Sun
[Y] [Y] [Y] [Y] [Y] [Y] [Y]
Applied from.....▶ 00:00 to 23:59

Receipt description.....▶ MOBILELIME MEMBER

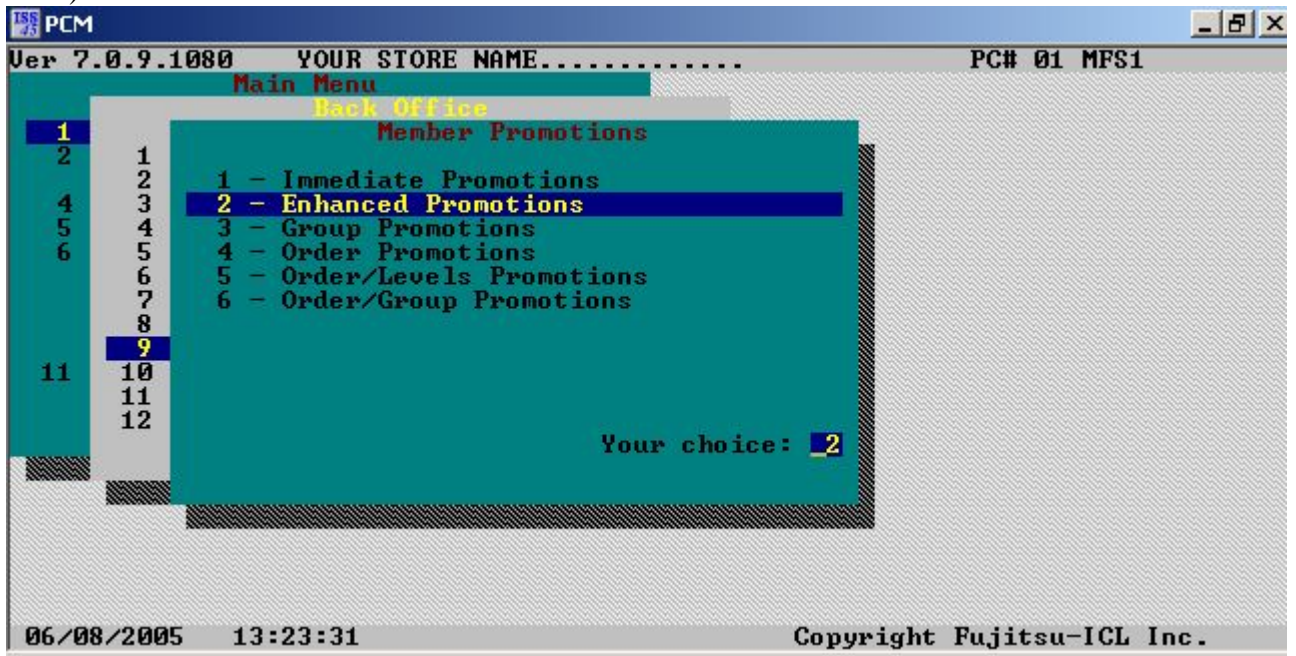
[F2] Update
[F9] Prev
[F10] Next

03/22/2006 09:55:07 Copyright Fujitsu-ICL Inc.

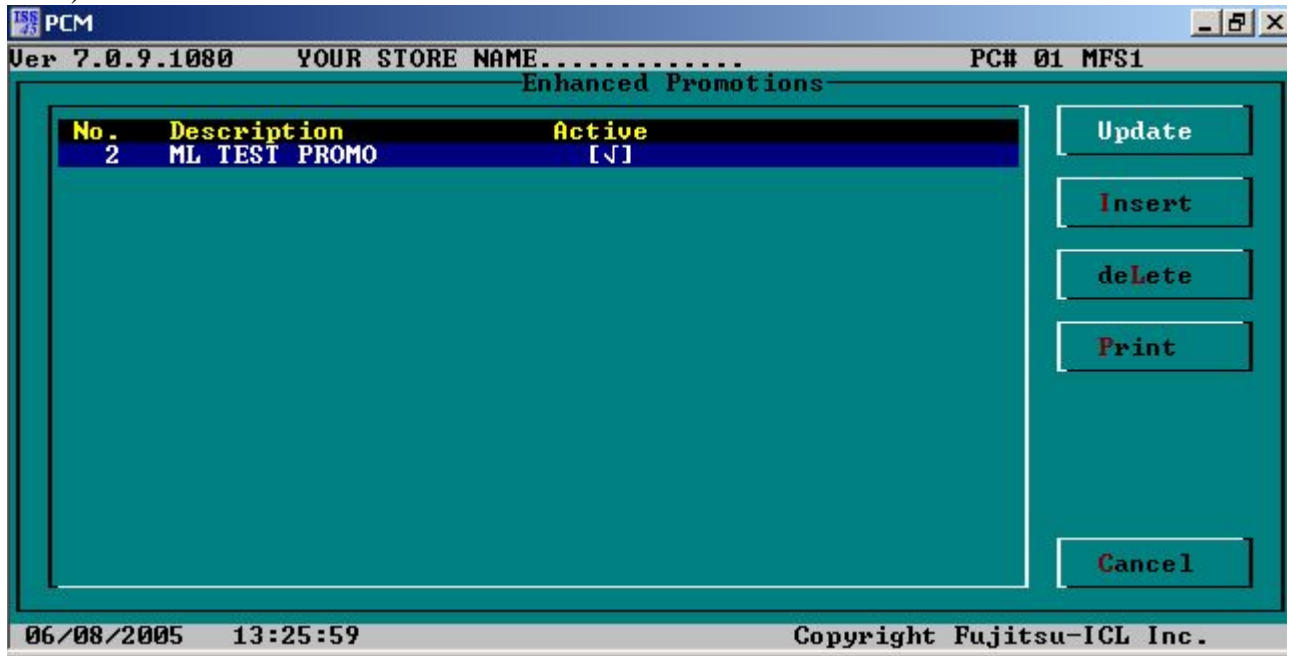
d) Press F2 to Update

3) Create a Promotion

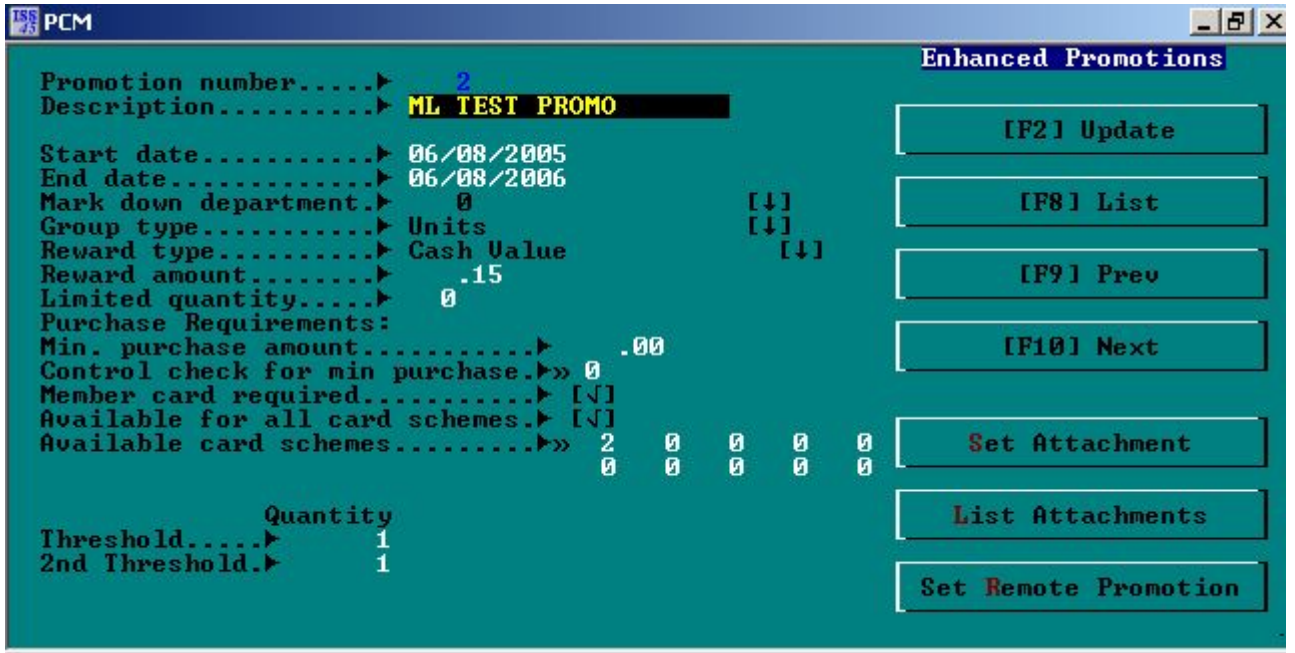
a) Goto 1.9.2 to create an Enhance Promo for MobileLime and hit Enter



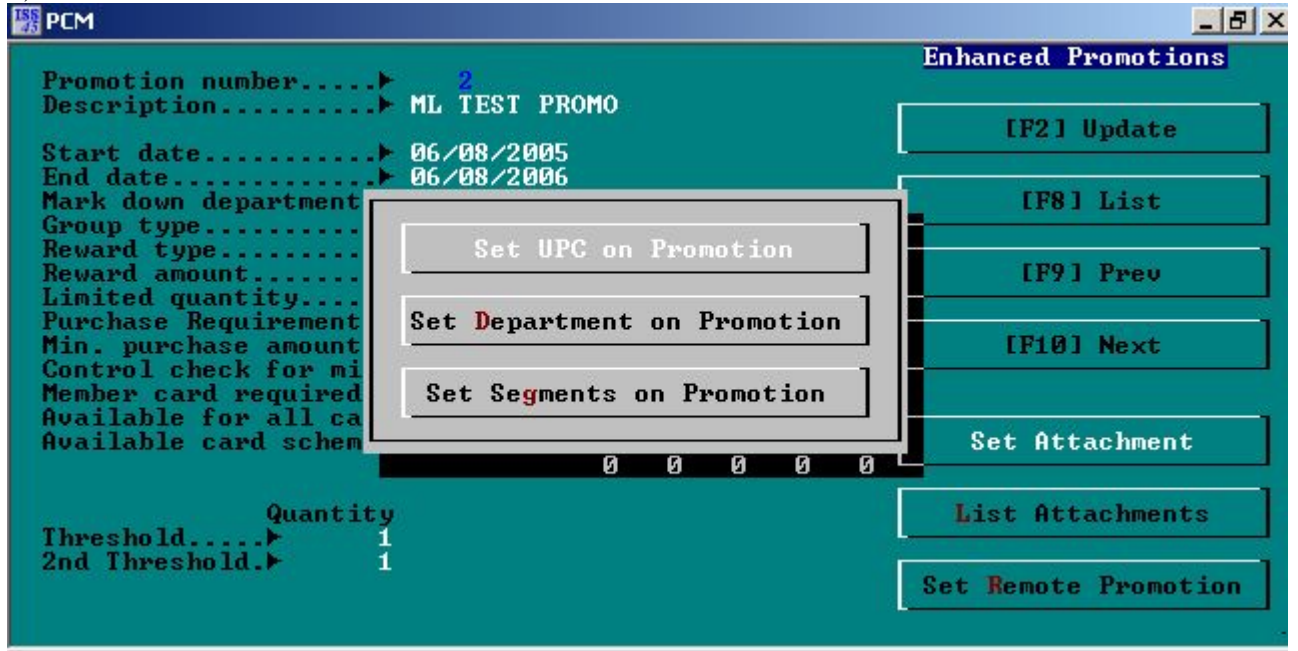
b) Insert a new Enhance Promotion and hit Enter



c) Enter the Enhance Promo Screen Data and hit Alt-S

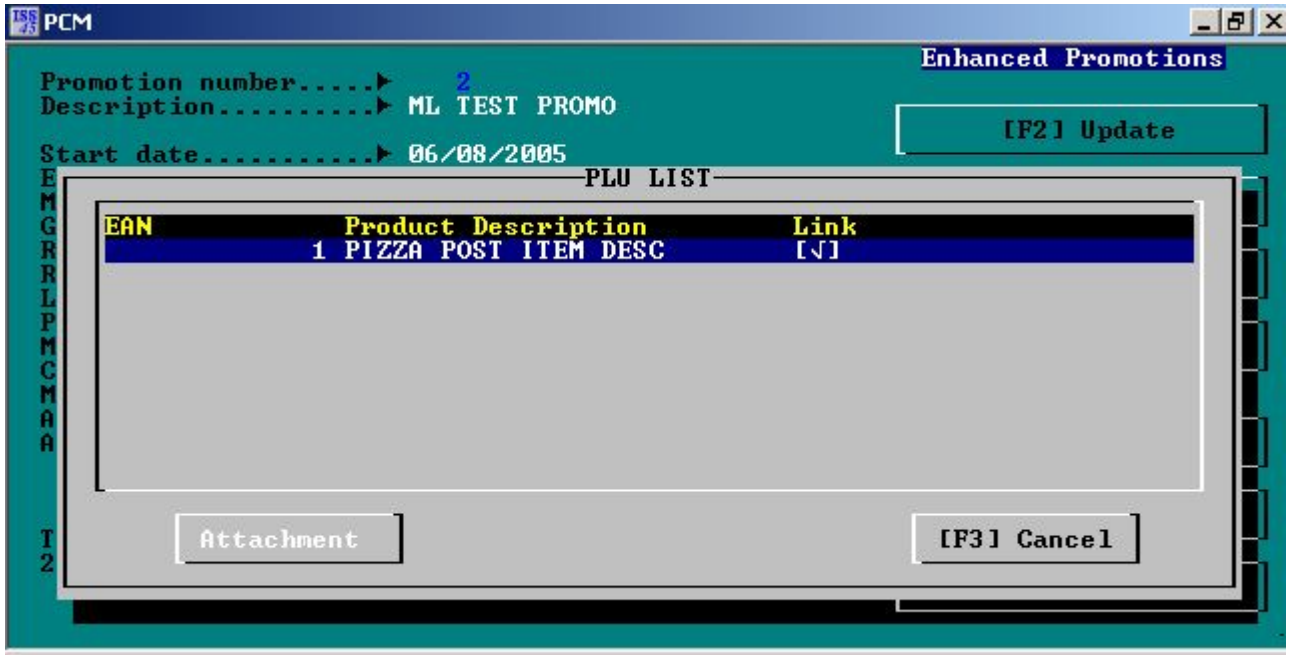


d) Set Attachment Screen and hit Enter

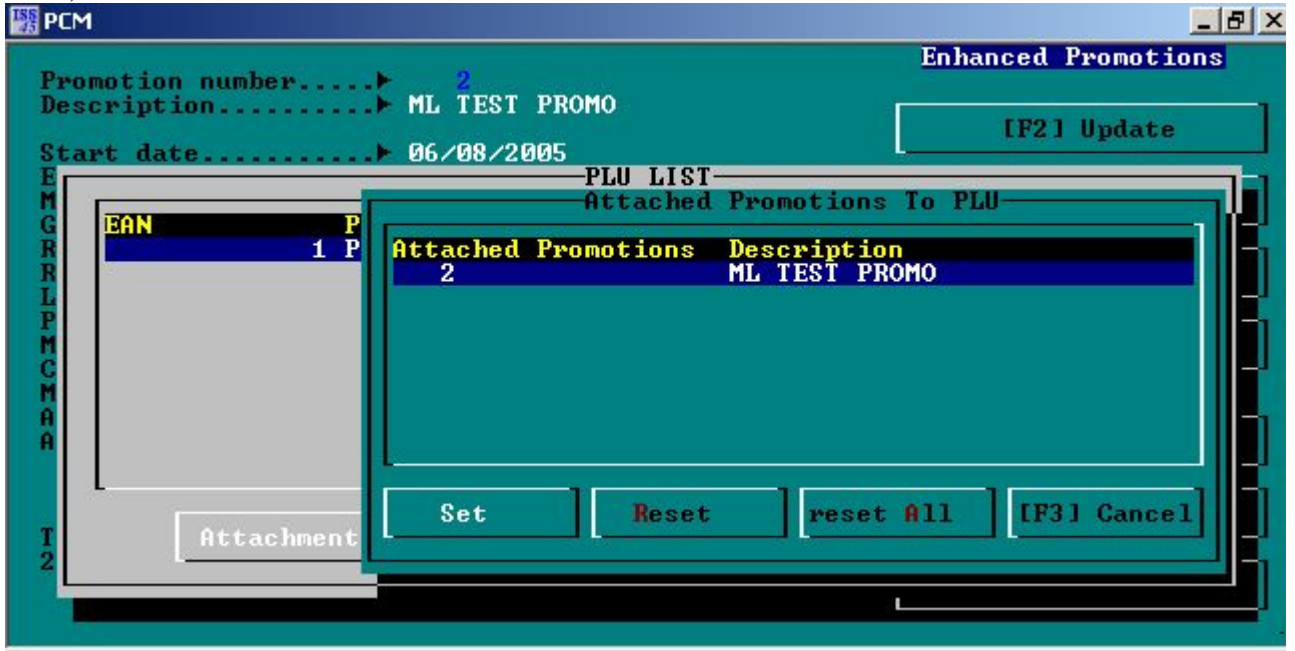


4)

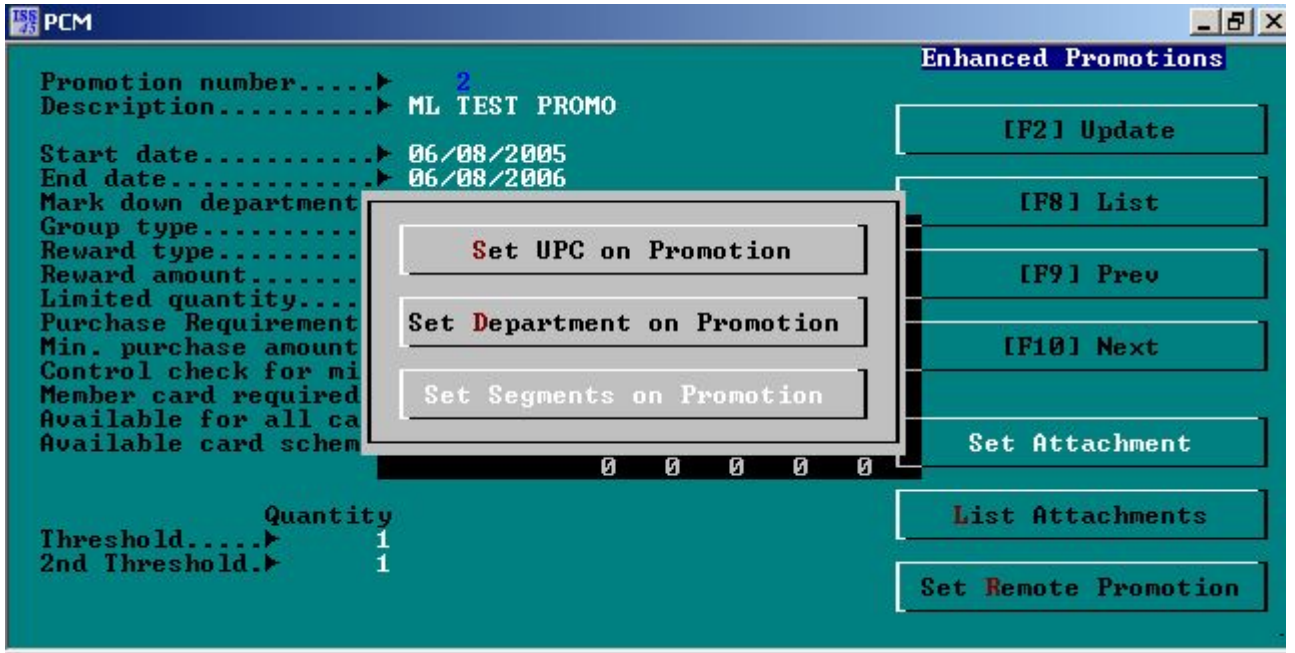
a) Set UPC Promotion and hit Enter



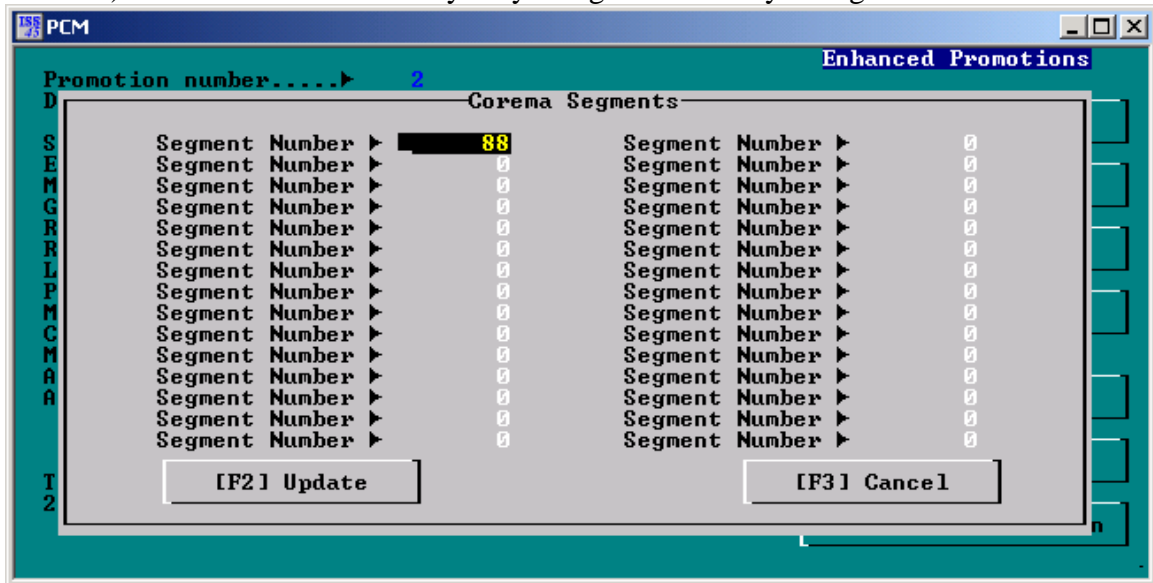
b) Attached Promotion to PLU and hit Enter to Set Promo



c) Hit ESC and Tab twice Set Segment on Promotion and hit Enter



- d) Set the Segment Numbers that are used
- i) MobileLime is currently only using 88. This may change later.



- e) Press F2 to Update and hit ESC twice

PCM _ □ X

Enhanced Promotions

Promotion number.....▶ 2
 Description.....▶ **ML TEST PROMO**

Start date.....▶ 06/08/2005
 End date.....▶ 06/08/2006
 Mark down department.....▶ 0
 Group type.....▶ Units [↓]
 Reward type.....▶ Cash Value [↓]
 Reward amount.....▶ .15 [↓]
 Limited quantity.....▶ 0

Purchase Requirements:
 Min. purchase amount.....▶ .00
 Control check for min purchase.▶▶ 0
 Member card required.....▶ [✓]
 Available for all card schemes.▶ [✓]
 Available card schemes.....▶▶ 2 0 0 0 0
 0 0 0 0 0

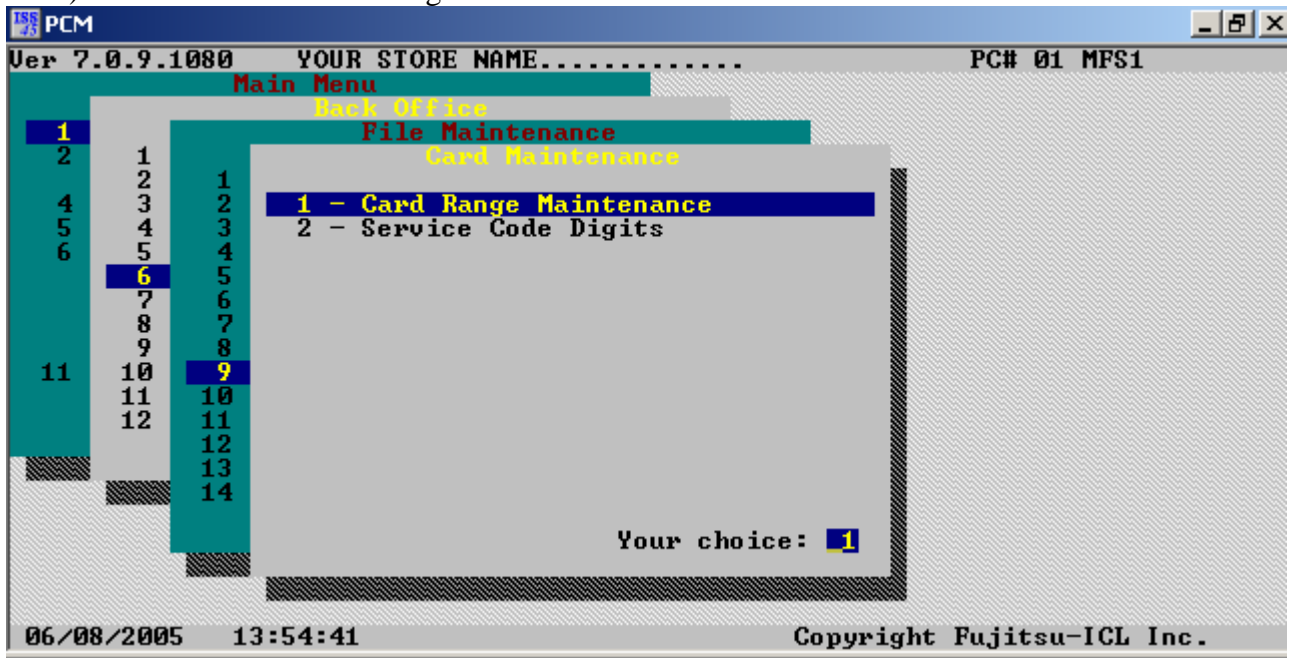
Threshold.....▶ Quantity 1
 2nd Threshold.▶ 1

[F2] Update
 [F8] List
 [F9] Prev
 [F10] Next
 Set Attachment
 List Attachments
 Set Remote Promotion

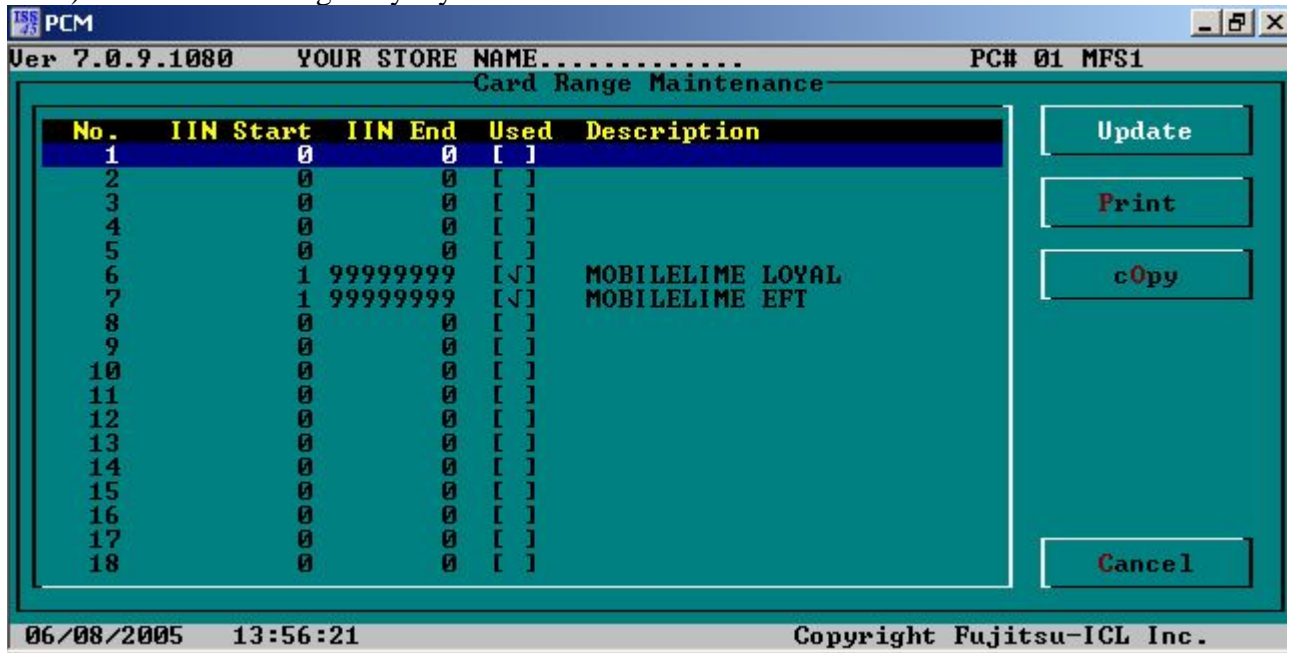
f) Press F2 to update the Enhance Promotions

5) Create a Card Range

a) Goto 1.6.9.1 to Card Range Maintenance Screen



b) Create Card Range Loyalty and EFT



c) Create MobileLime Loyalty Card Range Page 1

PCM Card Range Maintenance Page 1

Record number.....	6	
IIN start...▶ 1 End...▶	99999999	<input type="checkbox"/> Range in use
PAN length.....▶	1	<input type="checkbox"/> Sales allowed
Maximum PAN length.....▶	10	<input type="checkbox"/> Refund allowed
Minimum length Track 2.....▶	1	<input type="checkbox"/> Purchase allowed
Tender number.....▶▶	0	<input type="checkbox"/> Force authorization
Tender description.....▶▶	MOBILELIME LOYAL	<input type="checkbox"/> Credit or Debit
Tender type.....▶▶	Not used	<input type="checkbox"/> [↓]
Scheme min value.....▶▶	.01	
Scheme max value.....▶▶	999.99	<input type="checkbox"/> Use following flags:
Scheme floor option.....▶▶	Tender amount	<input checked="" type="checkbox"/> Expiry Date required
Scheme daily count.....▶▶	99	<input type="checkbox"/> Card Issue required
Expire date start position.....▶▶	15	<input type="checkbox"/> Start Date required
Scheme floor limit.....▶▶	999999.99	<input type="checkbox"/> Date format
Scheme daily limit.....▶▶	99999.99	<input type="checkbox"/> [↓]=MMYY, []=YYMM
PAN layout 1.....▶▶	4	
PAN layout 2.....▶▶	3	<input type="checkbox"/> Cont. on valid. fail
PAN layout 3.....▶▶	3	<input type="checkbox"/> Tender predefined
PAN layout 4.....▶▶	3	<input type="checkbox"/> Variable PAN Length
PAN layout 5.....▶▶	0	<input type="checkbox"/> Fly buys

[F2] Update [F6] Next Page [F8] List [F9] Prev [F10] Next

d) Create MobileLime Loyalty CardRange Page 2

PCM Card Range Maintenance Page 2

Record number.....▶▶	6	
Check card.....▶▶	<input type="checkbox"/>	
PAN masking.....▶▶	<input type="checkbox"/>	
PAN masking character.....▶▶	*	
PAN masking start position.....▶▶	1	
PAN masking end position.....▶▶	2	
Ask issue date if manual card entry.....▶▶	<input type="checkbox"/>	
Extra ID.....▶▶	No extra ID	<input checked="" type="checkbox"/>
Control check.....▶▶	0	
Seq. number.....▶▶	<input type="checkbox"/>	
Seq. number location.....▶▶	0	
Seq. number length.....▶▶	0	
Service code location.....▶▶	0	
Service code length.....▶▶	0	
Location of registration check code.....▶▶	0	
Location of check digit.....▶▶	0	
Location of items range.....▶▶	0	
Multiple receipt number.....▶▶	0	
Print on receipt on denial.....▶▶	<input type="checkbox"/>	

[F2] Update [F5] Prev Page [F6] Next Page [F9] Prev [F10] Next

e) Create MobileLime Loyalty CardRange Page 3

PCM Card Range Maintenance Page 3

Record number.....	6	
Location of validation period.....	0	
Location of start date.....	0	
Refund scheme minimum.....		.00
Refund scheme maximum.....		.00
Cash back scheme minimum.....		.00
Cash back scheme maximum.....		.00
Guarantee check.....	[]	
Card text narration for credit.....	0	
Card text narration for debit.....	0	
Service code valid digits.....	0	
Extra authorization on consecutive usage.....	[]	
Multiple transaction check number.....	0	
One in 'n' authorization.....	0	
Fallback scheme minimum.....		.00
Fallback scheme maximum.....		.00
Member Card scheme.....	>> 2	
Sponsor number.....	0	

[F8] List

[F2] Update [F5] Prev Page [F6] Next Page [F9] Prev [F10] Next

f) Create MobileLime Loyalty CardRange Page 4

PCM Card Range Maintenance Page 4

Record number.....	6	
Key entry not allowed.....	[]	
Force authorization for key entry.....	[]	
Luhn check digit.....	[]	
Extra check digit.....	[]	
Track 2 date mmyy.....	[]	
Merchant Number.....		
OLA available on sale/cashback.....	[]	
OLA available on refund.....	[]	
Voice authorization available.....	[]	
Reversals supported.....	[]	
Date validation for key entry.....	[]	
Offline limit sale.....		.00
Offline limit cashback.....		.00
Offline limit refund.....		.00
OLA minimum response time.....	0	
OLA timeout.....	0	
Location of scheme number in card number.....	0	
Length of scheme number in card number.....	0	

[F2] Update [F5] Prev Page [F9] Prev [F10] Next

g) Press F2 to Update

h) Create MobileLime EFT CardRange Page 1

PCM Card Range Maintenance Page 1

Record number.....	7	
IIN start... 1 End...	99999999	<input type="checkbox"/> Range in use
PAN length.....	1	<input checked="" type="checkbox"/> Sales allowed
Maximum PAN length.....	10	<input checked="" type="checkbox"/> Refund allowed
Minimum length Track 2.....	1	<input checked="" type="checkbox"/> Purchase allowed
Tender number.....	18 MOBILELIME	<input type="checkbox"/> Force authorization
Tender description.....	MOBILELIME EFT	<input type="checkbox"/> Credit or Debit
Tender type.....	Debit card	<input checked="" type="checkbox"/>
Scheme min value.....	.01	
Scheme max value.....	999.99	<input type="checkbox"/> Use following flags:
Scheme floor option.....	Tender amount	<input checked="" type="checkbox"/> Expiry Date required
Scheme daily count.....	99	<input type="checkbox"/> Card Issue required
Expire date start position.....	15	<input type="checkbox"/> Start Date required
Scheme floor limit.....	999999.99	<input type="checkbox"/> Date format
Scheme daily limit.....	999999.99	<input checked="" type="checkbox"/> =MMYY, <input type="checkbox"/> =YYMM
PAN layout 1.....	4	
PAN layout 2.....	3	<input checked="" type="checkbox"/> Cont. on valid. fail
PAN layout 3.....	3	<input checked="" type="checkbox"/> Tender predefined
PAN layout 4.....	3	<input checked="" type="checkbox"/> Variable PAN Length
PAN layout 5.....	0	<input type="checkbox"/> Fly buys

[F2] Update [F6] Next Page [F8] List [F9] Prev [F10] Next

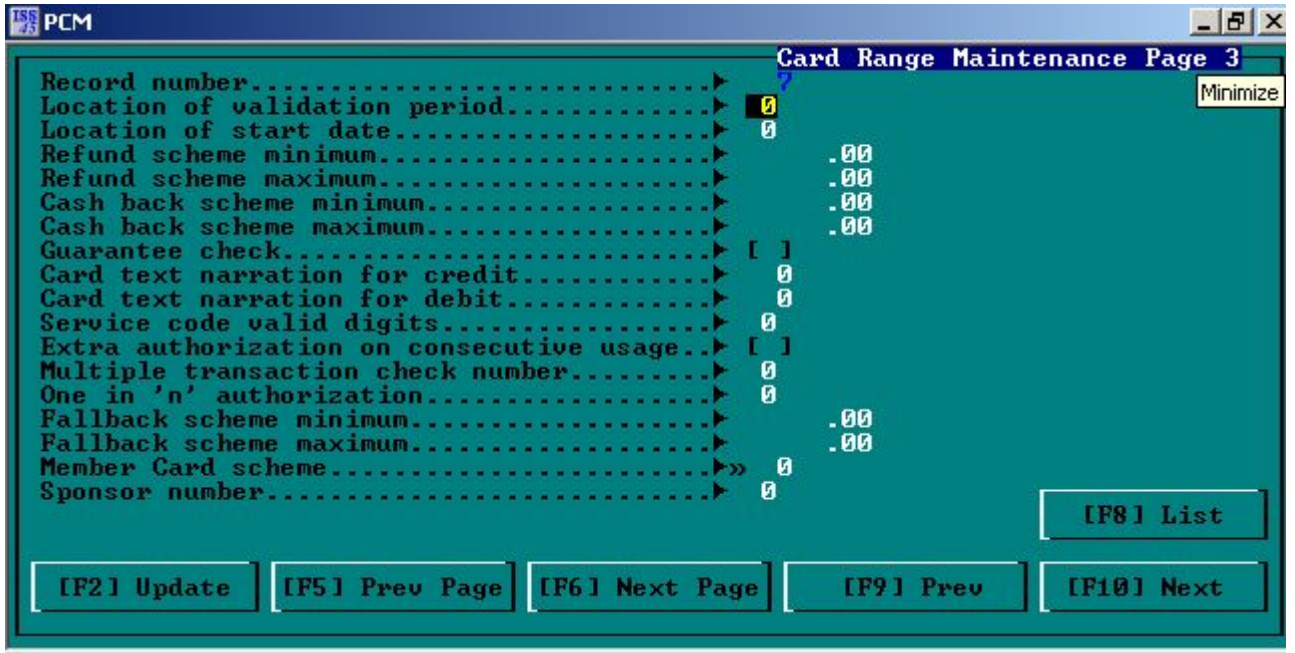
i) Create MobileLime EFT CardRange Page 2

PCM Card Range Maintenance Page 2

Record number.....	7	
Check card.....		<input type="checkbox"/>
PAN masking.....		<input checked="" type="checkbox"/>
PAN masking character.....	*	
PAN masking start position.....	1	
PAN masking end position.....	2	
Ask issue date if manual card entry.....		<input type="checkbox"/>
Extra ID.....	No extra ID	<input checked="" type="checkbox"/>
Control check.....	0	
Seq. number.....		<input type="checkbox"/>
Seq. number location.....	0	
Seq. number length.....	0	
Service code location.....	0	
Service code length.....	0	
Location of registration check code.....	0	
Location of check digit.....	0	
Location of items range.....	0	
Multiple receipt number.....	0	
Print on receipt on denial.....		<input type="checkbox"/>

[F2] Update [F5] Prev Page [F6] Next Page [F9] Prev [F10] Next

j) Create MobileLime EFT CardRange Page 3



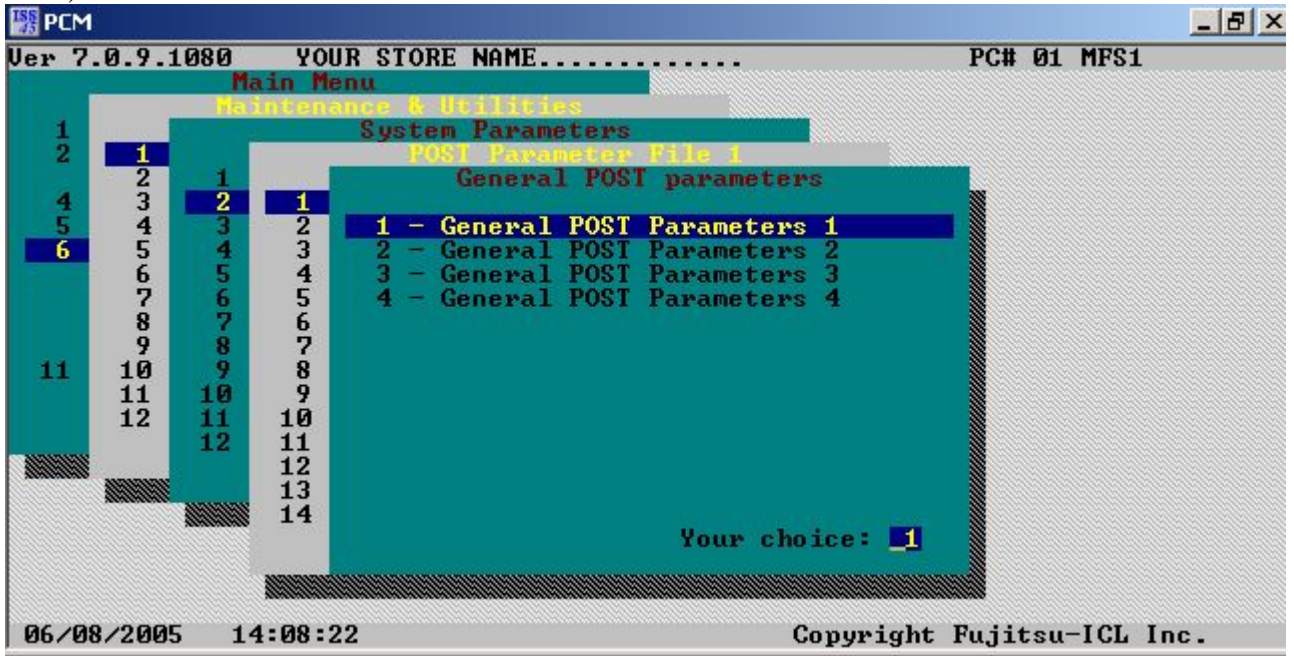
k) Create MobileLime EFT CardRange Page 4



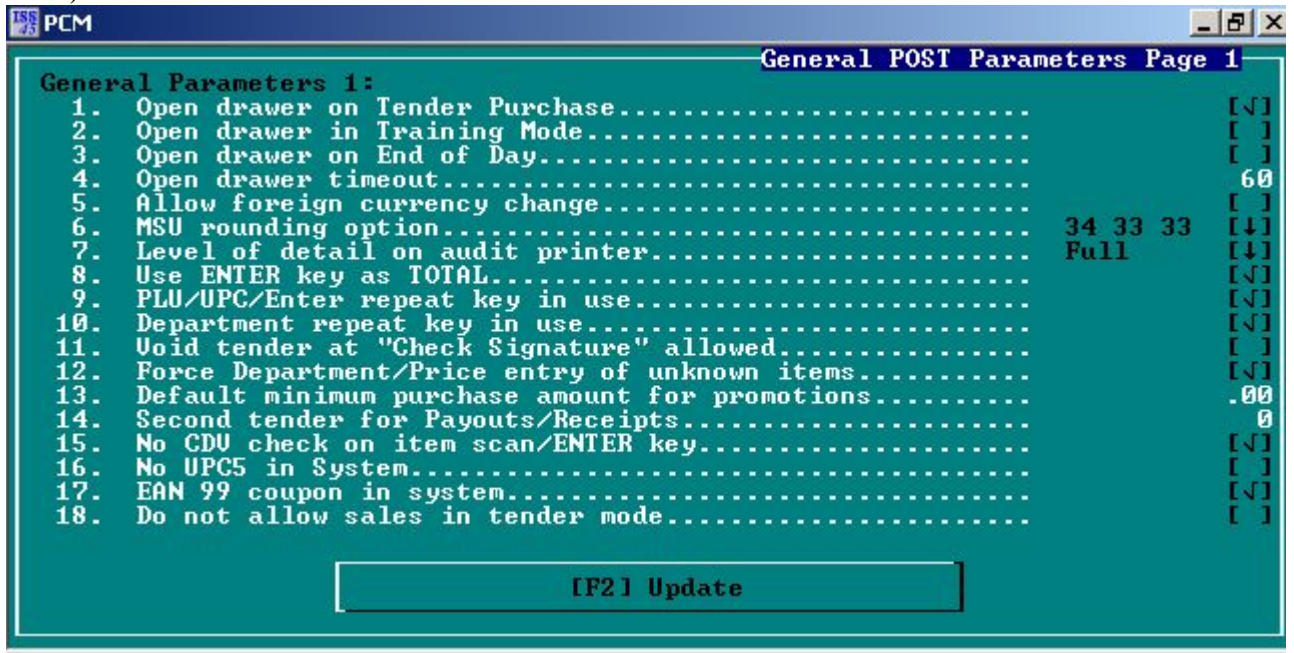
l) Press F2 to Update

6) Create POST Parameter

a) Goto 6.1.2.1.1 to General Post Parameter



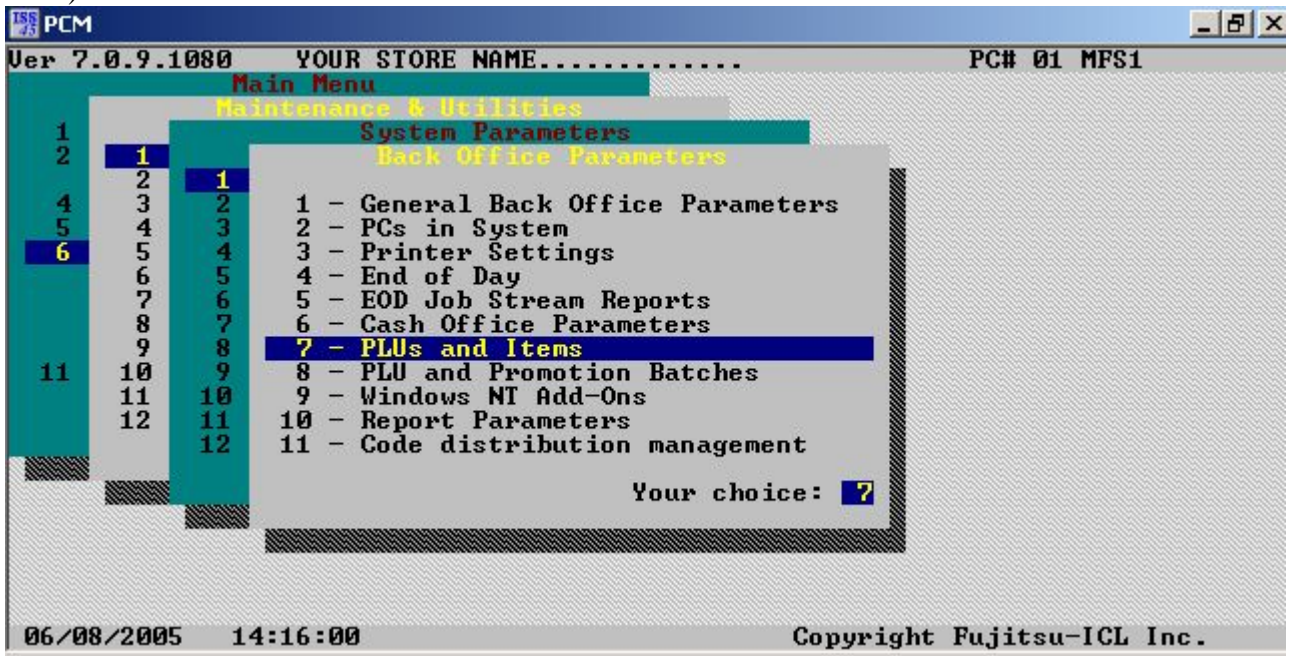
b) General Post Parameter 1 Data line 15 should be checked



c) Press F2 to Update

7) Set PLU and Items

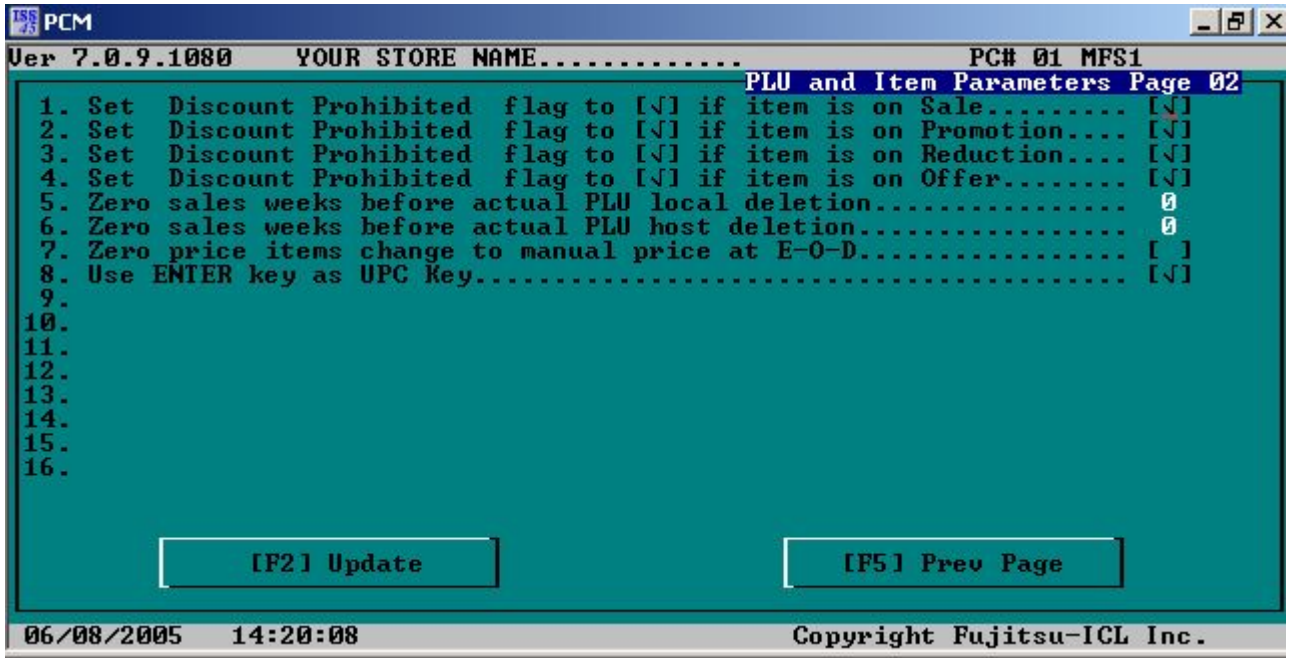
a) Goto 6.1.1.7 to PLU and Items



b) PLU and Items Data Page 1



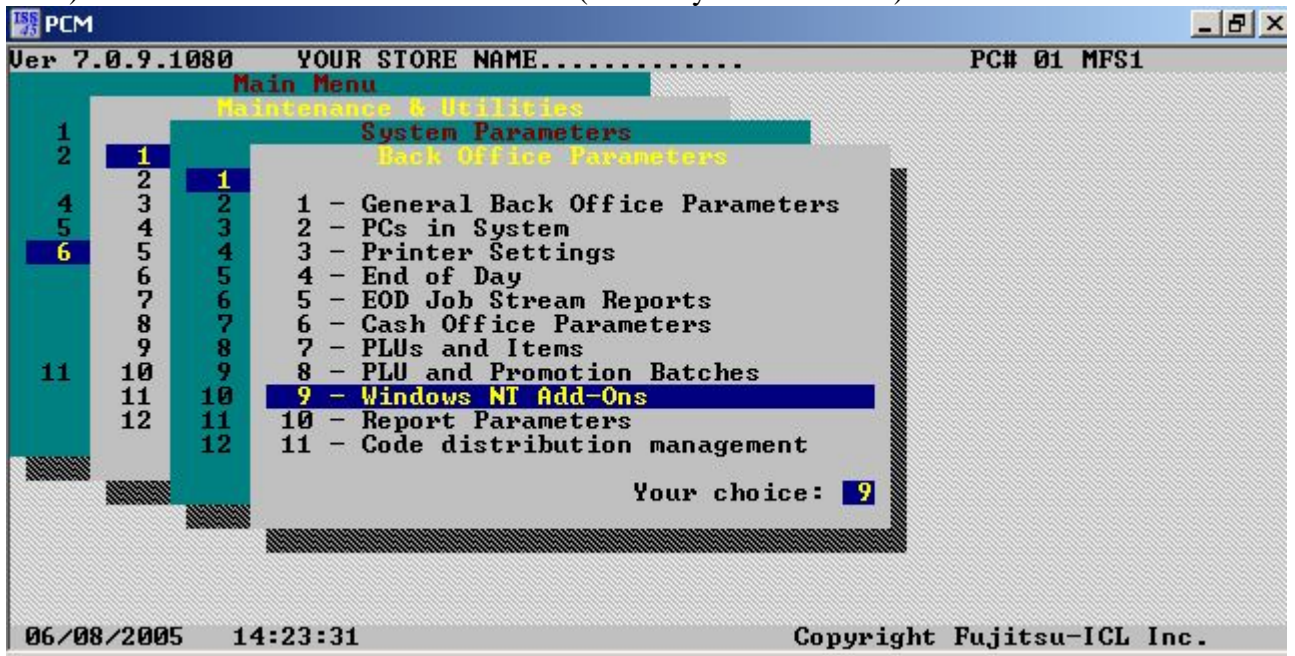
c) PLU and Items Data Page 2



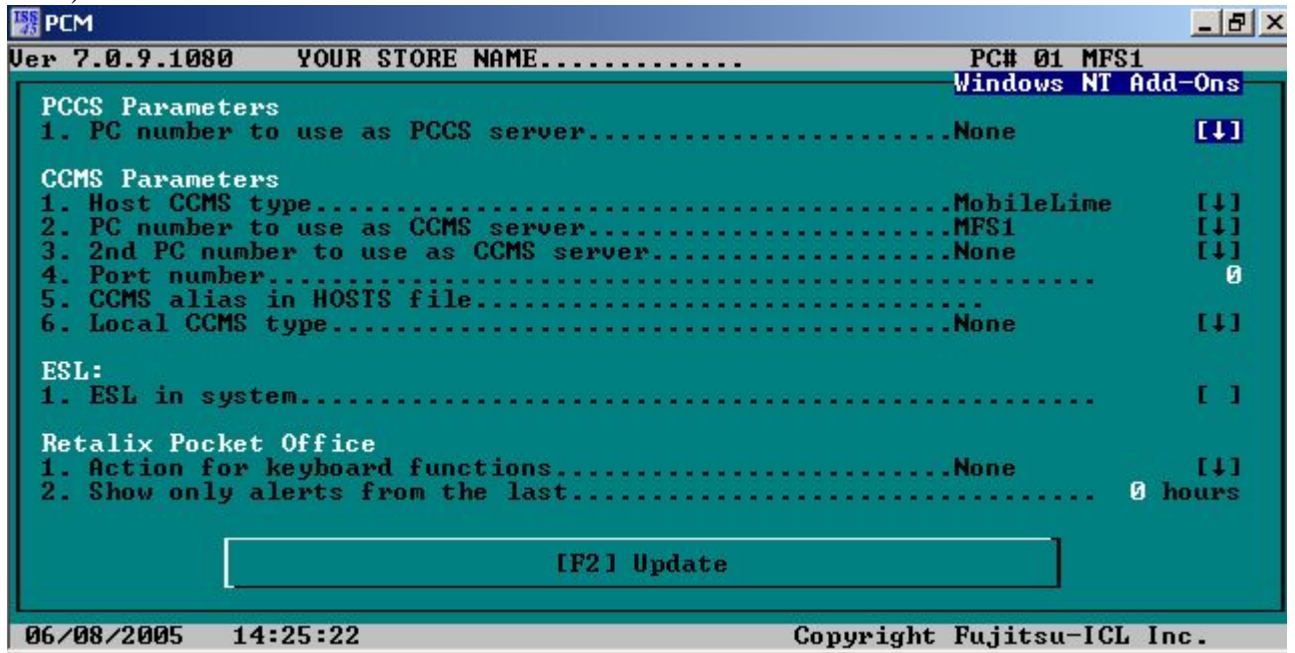
d) Press F2 to Update

8) Set Windows Add-Ons

a) Goto 6.1.1.9 Windows NT Add-Ons (This may not be needed)



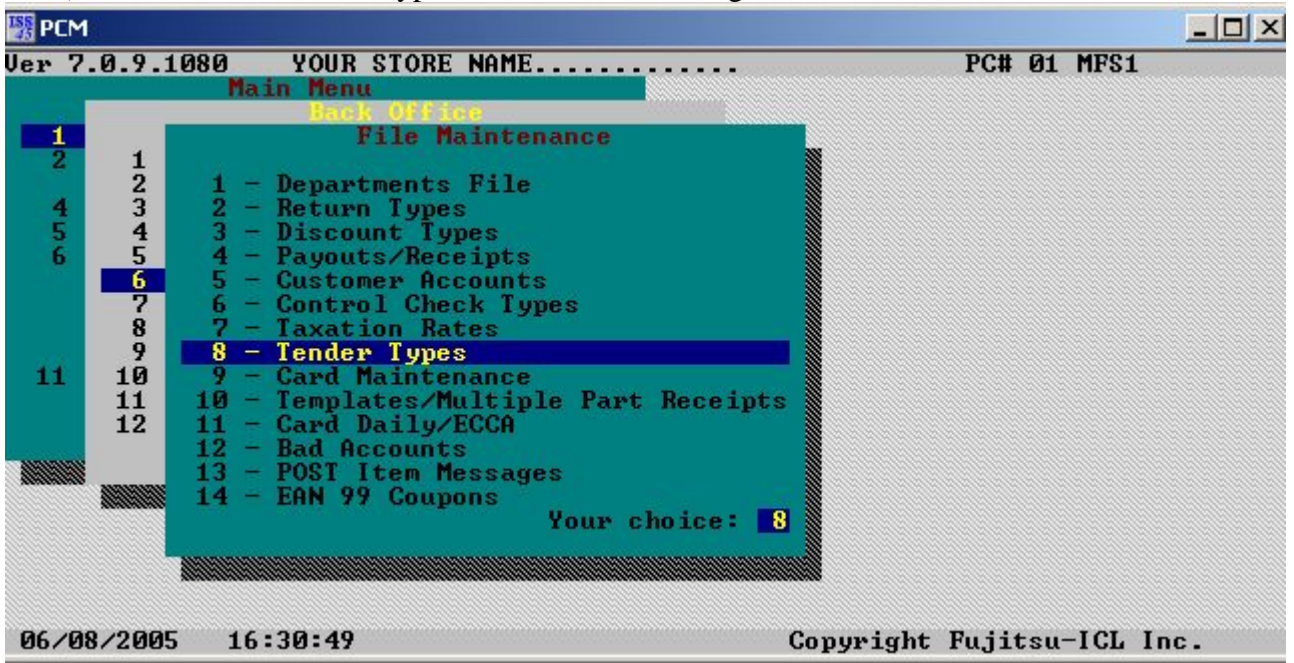
b) Windows NT Add-Ons Data



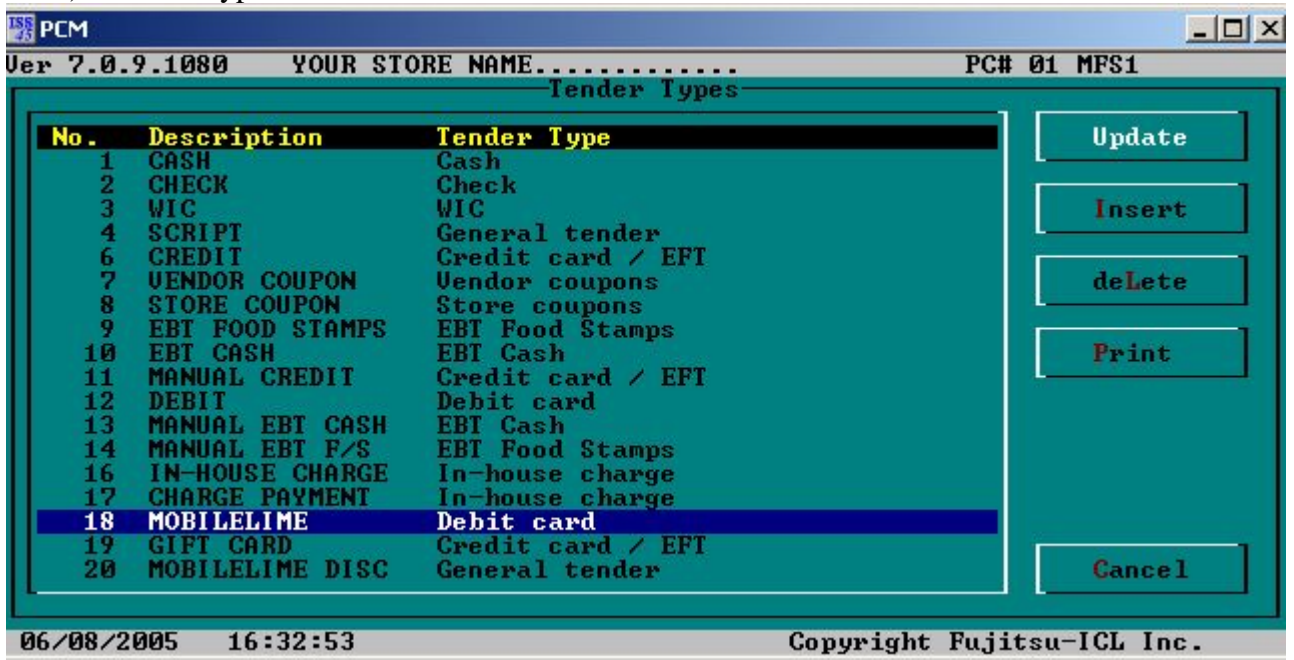
c) Press F2 to Update

9) Set Tender Type

a) Goto 1.6.8 to Tender Type and set Use Card Range



b) Tender Type Screen



c) Tender Type Screen MobileLime Tender

PCM Ver 7.0.9.1080 YOUR STORE NAME..... PC# 01 MFS1
Tender Maintenance Page 1

Tender number.....>>> **18**
Tender name.....>>> MOBILELIME
Type of tender.....>>> Debit card [↓] EPS
Maximum value.....>>> .00 CC.>>> 0 [F2] Update
Minimum value.....>>> .00 CC.>>> 0
Maximum value in ticket.....>>> .00 CC.>>> 0
Maximum times in ticket.....>>> 0 CC.>>> 0 [F4] Control Checks
Overtender value.....>>> .00 CC.>>> 0
Floor limit.....>>> .00 CC.>>> 0
Loan amount.....>>> .00 CC.>>> 0 [F6] Next Page
Maximum purchase amount.....>>> .00 CC.>>> 0
Open drawer.....>>> None [↓]
Automatic purchase of...>>> None [↓]
[] Overtender allowed [] SUR at Cancel/subtract
[] Refund allowed [] Value not required
[] Tender bankable [] Value not req. for neg.
[] SUR keylock required [] Purchase allowed
[] Cancel/subtract inhibit [] Tender has float
[] ROA/Payout allow [] Automatic opening float
[] Rounding allowed [F10] Next

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d) Check the Use Card Ranges

PCM Ver 7.0.9.1080 YOUR STORE NAME..... PC# 01 MFS1
Tender Maintenance Page 2

MOBILELIME
Account prompt.....>>> **ENTER PHONE #** EPS
MCR timeout.....>>> 0 [F2] Update
MCR misread.....>>> 0
MCR misread number 0-9...>>> 0
Endorsement temp number..>>> 0 [F5] Prev Page
Print template.....>>> []
Template number.....>>> 0
EFT description.....>>>
Multi-part receipt.....>>> No receipt [↓]
ECA timeout value.....>>> 10 [F6] Next Page
Acc. number required.....>>> Entered by cashier [↓]
Check number required....>>> []
Bank number is required..>>> []
Card type.....>>> Debit [↓]
Scan barcode as account..>>> None [↓]
Multiple-Part receipt No.>>> 0
[] CDU on account [] Use ECA log on this media
[] Use ECA on this media [] Signature check
[] Check bad account [] MCR allowed
[] Check enhanced bad acc.[] Use card ranges
[] Author. on receipt [] Print receipt on denial [F10] Next

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e) Compare settings

PCM Ver 7.0.9.1080 YOUR STORE NAME..... PC# 01 MFS1
MOBILELIME Tender Maintenance Page 3

Fee table number(0-5).....> 0
 Fee type.....> Cashback [↓]
 Multiple endorsement.....> []
 Endorsement start line.....> 0
 Endorsement number of lines.....> 0 [EPS]
 Currency rate.....> .000
 MICR reader in use.....> []
 MICR account number format.....> None [↓] [F2] Update
 Use check definition file.....> []
 Use ECCA on this media.....> []
 ECCA template.....> 0 [F5] Prev Page
 Preset amounts.....>
 .00 .00 .00 .00 .00
 .00 .00 .00 .00 .00 [F8] List

[] State code required
 [] Payment prohibited
 [] Foreign currency
 [] Foreign currency change allow
 [] Additional tender information
 [] Gift Certificate [F9] Prev [F10] Next

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f) Tender Type Screen MobileLime Discount Tender

PCM Ver 7.0.9.1080 YOUR STORE NAME..... PC# 01 MFS1
MOBILELIME DISC Tender Maintenance Page 1

Tender number.....>> 20 [EPS]
 Tender name.....> MOBILELIME DISC
 Type of tender.....> General tender [↓]
 Maximum value.....> .00 CC.>> 0 [F2] Update
 Minimum value.....> .00 CC.>> 0
 Maximum value in ticket.....> .00 CC.>> 0
 Maximum times in ticket.....> 0 CC.>> 0 [F4] Control Checks
 Overtender value.....> .00 CC.>> 0
 Floor limit.....> .00 CC.>> 0
 Loan amount.....> .00 CC.>> 0
 Maximum purchase amount.....> .00 CC.>> 0
 Open drawer.....> None [↓]
 Automatic purchase of...> None [↓] [F6] Next Page

[] Overtender allowed [] SUR at Cancel/subtract [F8] List
 [✓] Refund allowed [✓] Value not required [F9] Prev
 [✓] Tender bankable [✓] Value not req. for neg.
 [] SUR keylock required [✓] Purchase allowed
 [] Cancel/subtract inhibit [] Tender has float [F10] Next
 [] ROA/Payout allow [] Automatic opening float
 [] Rounding allowed

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g) Check the Use Card Ranges

10) Known Problems and Solutions

a) Set Member Card

- i) Problem: The POS displayed "Member card not valid".
(1) Check 6.1.3.8.1, "Member card in System"

b) Suppress Printing Zero Points on Receipts

- i) Problem: When entry is not set, every receipt that is printed will display a Zero Points.
(1) For v7:
 - (a) Check 6.1.3.11, "Suppress printing points on receipt"

c) Un-editable Mobile Loyalty box

- i) Problem: When value is set to non-zero, the MobileLime Loyalty dialogue box comes up without the edit box in place preventing entry of the user's cell phone number.
(1) For v7:
 - (a) Set 6.1.2.1.3 "Times to swipe card before manual entry" to zero

d) Set MobileLime

- i) Goto 6.1.12
(1) For 7.0.9.x does not exist and does not need to be checked
(2) For 7.1.0.x, MobileLime needs to be set

e) Upgrading to 7.1.0.x

- i) Problem: When upgrading to 7.1.0.x, the POS requires a new key for MobileLime to work.
- ii) Get updated key from StoreNext.

f) Incorrect Card Type

- i) Problem: The POS displayed "Incorrect Card Type", the problem was due to multiple card ranges at Broadway.
- ii) The fix was to move the MobileLime card range to the top rather than bottom of the card range list

APPENDIX I: Installing WinGate for POS Internet Access Through BO

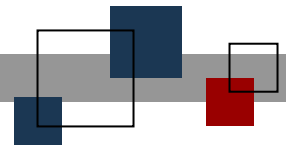
- i) For merchant deployment with no POS Internet access, the following suggestion provides Internet access for mlime.dll through WinGate residing on the BackOffice server with Internet access.
- ii) Please goto <http://www.wingate.com> and download free trial for 30 days and help files are included in the binary installation. Installed WinGate without reconfiguring any settings in WinGate. Note that you do not need to setup Connection Sharing for the NIC cards to work, and do not need to install WinGate client either. The following setup is 1 of the 3 modes which is WinGate NAT setup.
- iii) On the machine with BO and Windows 2000 Server:
 - (a) Install 2 NIC cards; one is intrAnet facing called NIC A and the other is intrAnet facing called NIC B
 - (b) Install the WinGate
 - (c) Setup Windows 2000 DNS component (and DHCP if required)
 - (d) For example, NIC A gets IP as follows, in the networking section of the control panel which could be static or dynamic:
 - (i) IP 10.0.0.110
 - (ii) Subnet 255.255.255.0
 - (iii)Default gateway: 10.0.0.1
 - (iv)DNS 65.106.1.196
 - (e) For example, set NIC B to use static IP:
 - (i) IP 192.168.0.100
 - (ii) Subnet 255.255.255.0
 - (iii)Default gateway: 10.0.0.110 (This point to NIC A)
 - (iv)DNS 10.0.0.110 (This point to NIC A)
- iv) On the machine with POS:
 - (a) For example, set NIC C to use static IP:
 - (i) IP 192.168.0.2
 - (ii) Subnet 255.255.255.0
 - (iii)Default gateway: 192.168.0.100 (This point to NIC B)
 - (iv)DNS 192.168.0.100 (This point to NIC B)
- v) Reboot the machines.
- vi) Notes:
 - (a) The WinGate engine needs to be started after each reboot, you could put the short cut to “Start WinGate Engine” in the Startup Program Files to ensure that the WinGate is started after each reboot.
 - (b) Note that WinGate acts like to router, it may take a few minutes for the MAC addresses to propagate to the network routers before connectivity is activated.
 - (c) To verify connectivity, starting and stopping the WinGate Engine to determine that NIC C is connecting to internet.

- (d) If the WinGate license is expired, the ip packets from the POS to the BO goes no where. Always account for the license key expiration and renew it accordingly.

APPENDIX II: Example MobileLime Transaction

- vii) Using your test cell account number, call 866-360-5463 (production system) or 866-663-4544 (test system) and enter the store's location ID, and your PIN to pre-approve the transaction.
- viii) Be sure to enter items which are from discountable departments. The POS will come to a subtotal state as it waits for the MobileLime discount to be applied.
- ix) Select MobileLime as tender type.
- x) Enter the MobileLime cell phone number to charge: 123-456-7890 and hit the 'Enter' key. As a shortcut, you may be able to just enter the last 4 digits of your mobile number, or your last 7 as well.
- xi) The system will say "Processing Transaction" and then "Processing Complete". The MobileLime discount will be applied and the receipt will print.

EXCEPTION EVENT NOTES: For the first transaction, a dialogue box might pop up stating "CANNOT CONNECT TO MOBILELIME SERVER". This might happen on the first transaction after a fresh install or fresh reboot of the WinPOS. EXECUTE THE SAME TRANSACTION AGAIN and it should work the second time.



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