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APPENDICES

APPENDIX A

THE INVENTORY MANAGEMENT OF OTHER PRODUCT ITEM IN CLASS 'A'

Product Name...Television 21" ..Model......KV-HA21P52......Brand......Supplier 1Unit.....Set....

	Red	ceiving					Sell	ing Out				Rema	ining
Date	Quantity	Cost/Un	it	Total		Date	Quantity	Cost/Ur	nit	Total		Quantity	Total
												2	
12/02/03	3	7,560	-	22,680	-	20/2/03	2	8,990	-	17,980	-	3	
21/02/03	5	7,560	-	37,800	-	27/02/03	2	8,990	-	17,980	-	6	
04/03/03	5	7,560	-	37,800	-	04/03/03	1	8,990	-	8,990	-	10	
						10/03/03	2	8,990	-	17,980	-	8	
						19/03/03	1	8,990	-	8,990	-	7	
						21/03/03	1	8,990	-	8,990	-	6	
24/03/03	5	7,560	-	37,800	-	24/03/03	1	8,990	-	8,990	-	10	
						31/03/03	1	8,990	-	8,990	-	9	
						0704/03	1	8,990	-	8,990	-	8	
17/04/03	3	7,560	-	22,680	-	20/04/03	3	8,990	-	26,970	-	8	

Product Name...Television 21" ..Model......KV-HA21P52......Brand.....Supplier 1Unit....Set...

	Red	ceiving					Sell	ing Out		×		Rem	aining	
Date	Quantity	Cost/Un	nit	Total		Date	Quantity	Cost/Ur	nit	Total		Quantity	Total	
30/04/03	5	7,560	-	37,800	-							13		
						12/05/03	2	8,990	-	17,980	-	11		
21/05/03	3	7,560	-	22,680	-	29/05/03	1	8,990	-	8,990	-	13		
05/06/03	5	7,560	-	37,800	-	05/06/03	7	8,990	-	62,930	-	11		
						19/06/03	4	8,990	-	35,960	-	7		
25/06/03	2	7,560	-	15,120	-							9		
						09/07/03	5	8,990	-	44,950	-	4		
14/07/03	5	7,560	-	37,800	-	14/07/03	1	8,990	-	8,990	-	8		
17/07/03	3	7,560	-	22,680	-	26/07/03	8	8,990	-	71,930	-	3		
28/07/03	4	7,560	-	30,240	-							7	52,920	-

Product Name...Television 25" ..Model......KV-XG25P50/57......Brand......Supplier 1Unit.....Set....

	Red	ceiving					Sell	ing Out			i	Rema	ining
Date	Quantity	Cost/Un	it	Total		Date	Quantity	Cost/Ur	nit	Total		Quantity	Total
12/02/03	1	12,600	-	12,600	-							1	
						03/03/03	1	14,990	-	14,990	-	0	
12/03/03	2	12,600	-	25,200	-							2	
14/03/03	3	12,600	-	37,800	-	25/03/03	1	14,990	-	14,990	-	4	
						07/04/03	2	14,990	-	29,980	-	2	
11/04/03	6	12,600	-	75,600	-	20/04/03	1	14,990	-	14,990	-	7	
						21/04/03	2	14,990	-	29,980	-	5	
						26/04/03	1	14,990	-	14,990	-	4	
						18/05/03	2	14,990	-	29,980	-	2	
26/05/03	2	11,760	-	23,520	-							4	
29/05/03	3	11,760	-	35,280	-							7	

Product Name...Television 25" ..Model......KV-XG25P50/57......Brand......Supplier 1Unit....Set.....

	Red	eiving					Sell	ing Out) =		Rem	aining	
Date	Quantity	Cost/Un	it	Total		Date	Quantity	Cost/Ur	nit	Total		Quantity	Total	
						05/06/03	1	13,990	-	13,990	-	6		
						09/06/03	1	13,990	-	13,990	-	5		
						10/06/03	2	13,990	-	27,980	-	3		
16/06/03	3	11,760	-	35,280	-	19/06/03	1	13,990	-	13,990	-	5		
25/06/03	2	11,760	-	23,520	-							7		
						03/07/03	2	13,990	-	27,980	-	5		
14/07/03	4	11,760	-	47,040	-	18/07/03	1	13,990	-	13,990	-	8		
						21/07/03	2	13,990	-	27,980	-	6		
		_				28/07/03	1	13,990	-	13,990	-	5		
						29/07/03	3	13,990	-	41,970	-	2		
30/07/03	3	11,760	-	35,280	-							5	58,800	-

Product Name...Digital Still Camera...Model......DSC-P8/S......Brand......Supplier 1Unit......Set.....

	Red	eiving					Sell	ing Out				Rem	aining	
Date	Quantity	Cost/Un	it	Total		Date	Quantity	Cost/Ur	nit	Total		Quantity	Total	
04/04/03	1	16,440		16,440	-							1		
25/04/03	1	16,440		16,440	-							2		
						08/05/03	2	19,990	-	39,980	-	0		
12/05/03	2	16,440	-	32,880	-	14/05/03	1	19,990	-	19,990	-	1		
26/05/03	1	16,440		16,440	-							2		
						04/06/03	1	19,990	-	19,990	-	1		
07/06/03	1	16,440		16,440	-							2		
						29/06/03	1	19,990	-	19,990	-	1		
01/07/03	2	16,440	-	32,880	-	14/07/03	1	19,990	-	19,990	-	2		
27/07/03	1	16,440		16,440	-							3		
						31/07/03	1	19,990	-	19,990	-	2	32,880	-

Product Name...Digital Still Camera...Model......DSC-P8/L......Brand......Supplier 1Unit......Set.....

	Red	eiving				Sell	ing Out				Rem	aining	
Date	Quantity	Cost/Unit	Total		Date	Quantity	Cost/Ur	nit	Total		Quantity	Total	
25/04/03	1	16,440	16,440	-							1	-	
					02/05/03	1	19,990	-	19,990	-	0		
26/05/03	1	16,440	16,440	-					-		1		
					05/06/03	1	19,990	-	19,990	-	0		
07/06/03	1	16,440	16,440	-							1		
					16/06/03	1	19,990	-	19,990	-	0		
19/06/03	1	16,440	16,440	-							1	16,440	-

Product Name...Digital Still Camera...Model.......DSC-P8/R.......Brand......Supplier 1Unit......Set......

	Red	eiving				Sell	ing Out				Rem	aining	
Date	Quantity	Cost/Unit	Total		Date	Quantity	Cost/Ur	nit	Total		Quantity	Total	
05/06/03	1	16,440	16,440	-							1		
					16/06/03	1	19,990	-	19,990	-	0		
19/06/03	1	16,440	16,440	-							1		
					22/06/03	1	19,990	-	19,990	-	0		
25/06/03	1	16,440	16,440	-							1	16,440	-

APPENDIX B

THE e-DEALER USER GUIDE

The e-dealer user guide

About this user guide

This document, the e-dealer User Guide, provides all the information and instructions you need to use the software effectively. This user guide covers the following major topics:

- Getting started with the software (xxx_network)
- Viewing the product catalogue
- Creating and submitting orders
- Managing the account
- Searching for products

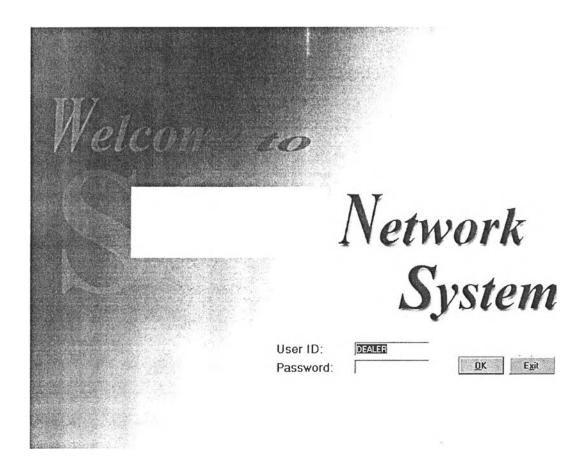
Getting started with the software

A valid account code and password is essential to access xxx_network. The account code is based on the account number of each dealer and deliver address, and it cannot be changed. The default password is valid for one login only: when the user logs in to xxx_network for the first time.

Logging in to xxx network

To log in to xxx_network

- 1. Start your browser and open the xxx_network login page.
- 2. Type your account ID in the User ID field.
- 3. Type your password in the Password field.
- 4. Click OK

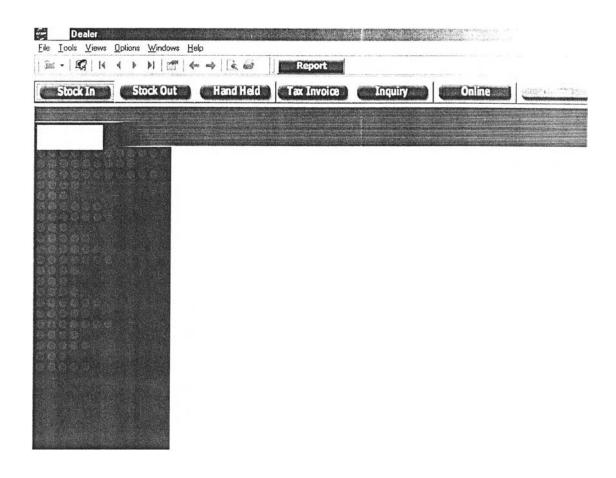


If the user types the password incorrectly, he or she cannot access the system and there is the page shown 'The password is not correct' illustrated as follow.



Handheld

Handheld or Palm is the equipment, which can keep and transfer the data of transaction.



Load Data from Handheld

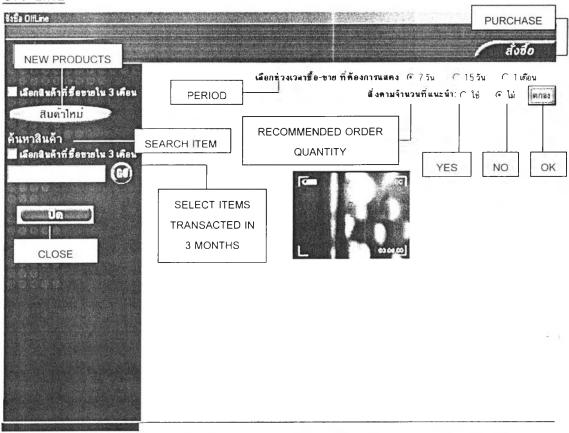
Ready to syncrhonize with Handheld.

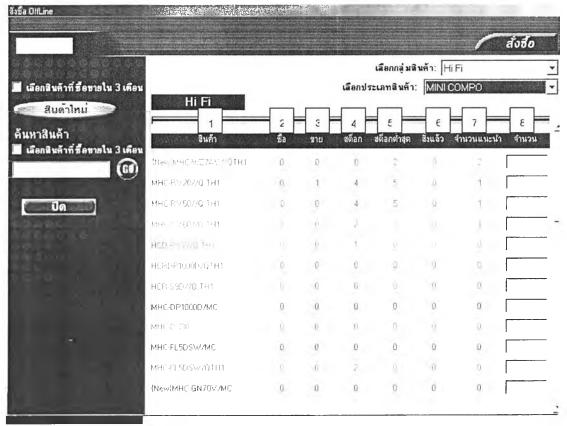
Press the HotSync button on the cradle to begin.

<u>C</u>ancel

Directory: c:\program files\satellite forms se\projects\sony

OFF LINE





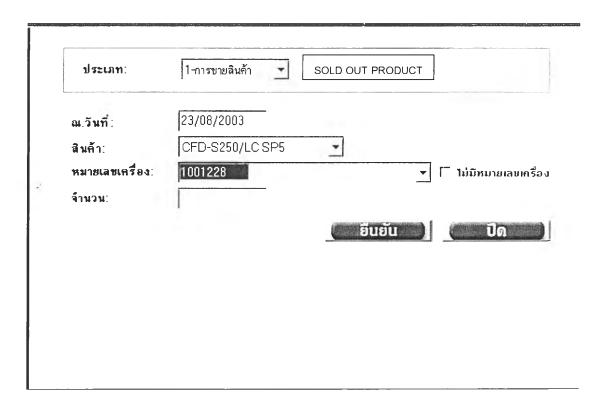
1=ITEM, 2=BOUGHT, 3=SOLD, 4=CURRENT STOCK LEVEL, 5=MINIMUM STOCK LEVEL, 6=ORDERED, 7=RECOMMENDED QUANTITY, 8=QUANTITY

STOCK IN

หม	เายเลขใบส่งของ:			
aı,	วันที่ :	23/08/2003		
สิน	เค้า:	100CDQ80SP3/TE	•	٤
หม	ายเลขเครื่อง:			 ไม่มีหมายเล บเครื่อง
จ้าง	นวน:			
_			E uei	10
			5	

1=TYPE, 2=INCOMING PRODUCTS, 3=INVOICE NUMBER, 4=DATE, 5= ITEM NAME, 6=SERIAL NUMBER, 7=QUANTITY, 8=TICK HERE WHEN THE ITEM HAS NO SERIAL NUMBER, 9=CONFIRM, 10=CLOSE

STOCK OUT

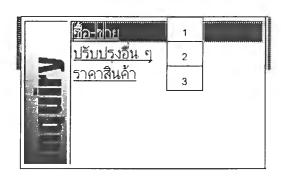


TAX INVOICE

บันทึกใบกำกับภาษี <u>1</u>	
ชื่อลูกค้า :	4 เลบที่ใบกำกับ:
สินค้า [6]	7 ร้านวน 8 ราคา 9 รำนวนเงิน
	12 รากาไม่รวมภาษีมูลก่าเพิ่ม
10 11	13 ภาษีมูลคำเพิ่ม 7 % 14 ราการวมภาษีมูลคำเพิ่ม

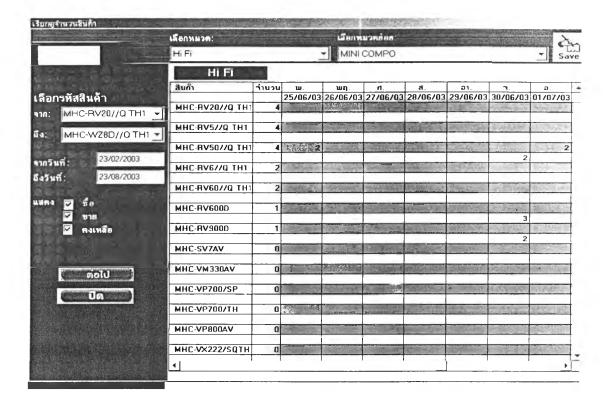
1= TAX INVOICE, 2=CUSTOMER NAME, 3=CUSTOMER ADDRESS, 4=TAX INVOICE NUMBER, 5=DATE, 6=ITEM NAME, 7=QUANTITY, 8=PRICE, 9=TOTAL AMOUNT OF, 10=CONFIRM, 11=CLOSE, 12=EXCLUDE TAX PRICE, 13=TAX 7% (VALUE ADDED TAX:VAT), 14=INCLUDE TAX PRICE

INQUIRY

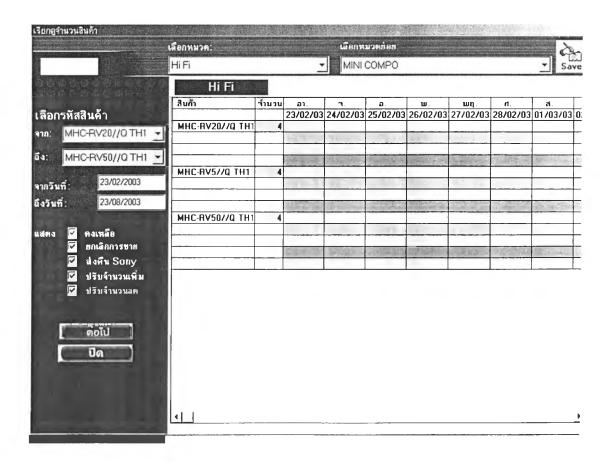


1=TRANSACTION, 2=ADJUSTMENT, 3=PRODUCT PRICE

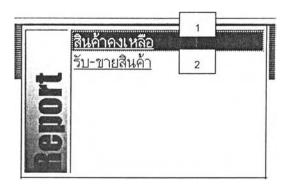
TRANSACTION



ADJUSTMENT

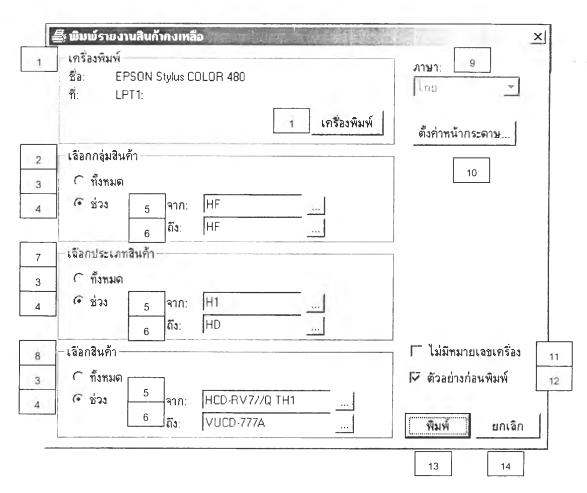


REPORT



1= REMAINING STOCK, 2=RECEIVED-SOLD OUT PRODUCT

UPDATED STOCK



1=PRINTER, 2=PRODUCT GROUP SELECTING, 3=ALL, 4=PERIOD, 5=FROM, 6=TO, 7=PRODUCT TYPE SELECTING, 8=PRODUCT SELECTING, 9=LANGUAGE, 10=PAGE SETUP, 11=NO SERIAL NUMBER, 12= PRINT PREVIEW, 13=PRINT, 14=CANCEL

REMAINING STOCK REPORT

HUNG SENG ELEC.PART_/U-THON 614 MOO 6 U-THO รายงานสินค้าคงเหลือ ณ วันที่ 23/08/2003 12:10:21

1	หมวด	2	หมวดย่อย	3	รหัสสินค้า	4	จำนวน	หมายเลข 5
	HF		H1		HCD-RV7//Q TH	1	1.00	5003613
					MHC-FL5DSW/C	TH1	2.00	5005591
								5005645
					MHC-RV20//Q TH	- 11	4.00	5000685
								5002807
								5 005739
								5005740
					MHC-RV5//Q TH	1	4.00	5022509
								5025869
								5025871
							12	5025874
					MHC-RV50//Q TH	⊣ 1	4.00	5001218
								5001225
								5003006
								5003294
					MHC-RV6//Q TH	1	2.00	5012089
								5012092
					MHC-RV60//Q TH	- 11	2,00	5000620
								5000621
					MHC-RV600D		1.00	5006675
					MHC-RV900D		1.00	5005093
					MHC-WZ8D//Q T	Ή1	3.00	5003668
								5003669
								5003671

1= CATEGORY, 2=SUB CATEGORY, 3=PRODUCT CODE, 4=QUANTITY, 5=SERIAL NUMBER

RECEIVED-SOLD PRODUCTS

เครื่องพิมพ์ ชื่อ: EPSO ที: LPT1:	N Stylus Cl	DLOR 48	30		ภาษา: โกย ▼
				เครื่องพิมพ์	ตั้งค่าหน้ากระดาษ
เลือกกลุ่มสินค้า (ทั้งหมด (ช่วง	จาก: ถึง:	HF HF		— —	า Stock-In/Stock-Out- 1
เลือกสินค้า	614.	1'''			3 (ปรับสต็ลกเพิ่ม 4 (ชาย
ั ทั้งหมด ัช่วง	จาก: ถึง:				5 (ส่งคืนโซนี่ 6 (ปรับจำนวนลด
เลือกวันที่ (ทั้งหมด (จิ	ห ่วง	จาก: ถึง:	01/07/2003		 ✓ ตัวอย่างก่อนพิมพ์ ✓ บันทึกไฟล์ ✓ พิมพ์ บบกเลิก

1=PRODUCT RECEIVED, 2=ORDER CANCELLATION, 3=INCREASED STOCK ADJUSTMENT, 4=SOLD OUT, 5=PRODUCT RETURN, 6=DECREASED STOCK ADJUSTMENT, 7=SAVE FILE

PRODUCT RECEIVED REPORT

HUNG SENG ELEC.PART./U-THON 614 MOO 6 U-THO รายงานการรับสินค้า ณ วันที่ 23/08/2003 12:17:04

หมวด	วันที	รหัสสินค้า	จำนวน	หมายเลข
HF	01/07/2003	MHC-RV50//Q TH1	2	5001218
				5001225
	03/07/2003	MHC-RV600D	2	5006675
				5006677
	14/07/2003	LBT-XGV6//Q TH1	1	5001961
		MHC-RV900D	1	5005093
		MHC-WZ8D//Q TH1	1	5000991
		SS-XGV10R//QTH	1	
		SU-XGV10R//QTH	1	
	17/07/2003	MHC-WZ8D//Q TH1	2	5001600
				5001602
	22/07/2003	MHC-RV20//Q TH1	2	5002689
				5002807
		MHC-RV50//Q TH1	2	5003006
				5003294
	26/07/20 03	MHC-RV900D	1	5005552
	0010710000	MHC-WZ8D//Q TH1	1	5001997
	28/07/2 003	MHC-WZ8D//Q TH1	2	5002299
				5002301

APPENDIX C The Future Plan (Phase II)

Extranet Project (e-dealer project)

Phase II

- 1. A/C, Bookkeeping program add on.
- 2. Small Item spilt P/O: to improve speed of delivery at W/H
- 3. Other brand add on in e-dealer (Other brand?)
- 4. Printing warranty at e-dealer shop front.
- 5. Daily stock from e-dealer
- 6. Check stock by using Scanner (to value add the scanner at shop front: not only receive or sales function)
- 7. E-service job sheet at e-dealer shop front
- 8. E-payment (Three Party: Supplier I, Dealer, and Bank)

Job transfer

- 1. E-dealer helpdesk?
- 2. E-dealer implementation?

Sales analysis from e-dealer system

Correct e-dealer sales data in Power Play (I request K.Sumon to let K.Opas to learning in deeply technical detail for him to support sales data for marketing side)

- 1. Sales-in, Sales-out, Stock Report
- 2. Hot list model (analyze the quantity shortage for hot list model) for making data to support Saihan meeting

1. Improve e-dealer quality Schedule

Issue	PIC	Apr'03	May V3	Jun '03	Jul'03	Aug '03	Sep'03	Oct'03
Improve e-dealer quality								
- Clarify dealers' stock data in e-dealer system								
*Start clear stock & monitor 2 sites per week								
- Convince dealers to do correct process								
- Convince salesman to understand the more benefit								
- Inform Salesman & dealers for this program		1 6			,			
- Select the candidate (dealer grade A)		• 18						
- Plan to roll-out		23-30				1		
- Roll-out (2 sites per week)			5	-				,
- Monitor & Evaluation			5					,
400								

2. E-payment Schedule

Issue	PIC	Арі 🕽	l·lay 03	Jun 🕽 3	Jul'03	Aug 📆	Sep 03	Oct 73	Nov O3
E-payment									
- Keep requirements from concern person		9-30							
(Account Dept, Sales Dept, Dealers, Bank Asia, etc)									
- Design system			6-16						
- Develop system				2		30			
- Testing system							1-30		
- Prepare Manual							1-30		
- Training								1-31	
- Roll out to e-dealer								15-31	
				,					

3. E-dealer Stock Schedule

_				(Sep'03	Oct 03
	1-15					
	16	30				
			1-15			
			1-15			
			16-31			
				1	30	
				16 30 1-15 1-15	1-15 1-15	16 30 1-15 1-15 16-31

4. Enhance Scanner Programme: Check and View Stock

Issue	PIC	Apr '03	May'03	Jun'03	Jul'03	Aug'03	Sep'03	Oct'03	Nov'03
Enhance scanner program: check & view stock					•				
- Enhance Palm program (corporate with MSC)		- P	1-15						
- Enhance e-dealer program (corporate with MSC)			16	30					
- Testing system (corporate with MSC)					1-15				
- Prepare Manual					1-15				
- Training					16-3				
- Roll out to e-dealer (updated program)		:				1		30	
								1	

5. E-warranty Schedule

Issue	PIC	Aug 03	Sep V3	Oct '03	Nov 03	Dec 03	Jan 04	Feb 04	Llai 04
E-warranty: print warranty card at dealer shop									
- Keep requirements from concern person			1-30						
- Study environment at dealer shop			16-30	,					
- Design system (corporate with MSC)	,			1-30					
- Develop system (corporate with MSC)					1	31			
- Preparing hardware							1-31		
- Select dealer for trial (10 sites)							1-31		
- Testing system (corporate with MSC)							1-31		
- Training								1-28	
- Roll out to e-dealer (updated program)				1					1-30
									8

6. E-service Schedule

Issue	PIC	Aug '03	Sep 03	Oct '03	Nov'03	Dec 03	Jan 04	Feb 04	Mar'04
E-service: service job online									
- Keep requirements from concern person			1-30						
- Study environment at dealer shop			16-30	1					
- Design system (corporate with MSC)				1-30					
- Develop system (corporate with MSC)					1	31			
- Testing system (corporate with MSC)							1-31		
- Select dealer for trial (10 sites)							1-31		
- Training								1-28	
- Roll out to e-dealer (updated program)									1-30

E-service (continued)

Issue	PIC	Aug 703	Sep 🛚 3	Oct V3	Nov '03	Dec V3	Jan 04	Feb 04	IJai 04
Implementation new sites		4							31
- Planning (select dealer & plan)									
- Prepare scanner & Product database			1						
- Training									
- Follow-up new e-dealer site									
(dealer can do correct process)									

VITA

Mr. Chaiyos Indragumtornchai was born on March 9th, 1973 in Suphanburi, Thailand. He obtained his Bachelor degree in Chemistry Science from the Faculty of Science, Chulalongkorn University in 1994. He started to study for Master of Engineering and Master of Science in Engineering Management jointly offered by Chulalongkorn University and Warwick at The Regional Centre for Manufacturing Systems Engineering. At that same time, he was also working in Hung Seng Electric Limited Partnership.

