

Site Attendance Module System (SATM)



建造業工人註冊管理局

Construction Workers Registration Authority

2007年5月
1



Workshop Contents

- **Installation & Setup**
- **SATM Functions**
- **Daily Attendance Report (DAR)**
- **DAR Submission & CWRA Web Portal**



System Pre-requisite (1)

PC Hardware Requirement

	Minimum	Recommended
CPU	Intel Pentium® III 700 MHz	Intel Pentium® III 1.6 GHz
Memory	256MB	512MB
Hard Disk Space	600MB	2GB
USB 2.0	2	4
Serial Port *	1	1
Display	1,024x768 Pixel	

** Please ensure that enough serial ports are available when using serial-port type card reader*



System Pre-requisite (2)

PC Software Requirement

	Minimum
Software	Microsoft .Net Framework 2.0
	Microsoft Internet Explorer 6.0 SP1
	Microsoft Data Access Components (MDAC) 2.7
	Microsoft Windows Installer 3.1
	Windows XP (Professional/Home SP2) Windows 2000 Professional SP4
	Microsoft Office 2000 (Word and Excel)



Installation Demo

- *SATM (Full Version)*
- *Desktop Card Reader Installation*



SATM Function Summary

SATM - 2 Modules

- *Worker Registration Module*
 - Worker Registration Card Authentication & Data Retrieval. *
 - Daily Attendance Report (DAR) Generation & Submission
- *Attendance Capture Module*
 - Take Attendance at Site
(i.e. Clock IN & OUT)

*Note: SATM (Full Version) provides all the functions mentioned here while SATM-Lite only provides the function marked with **



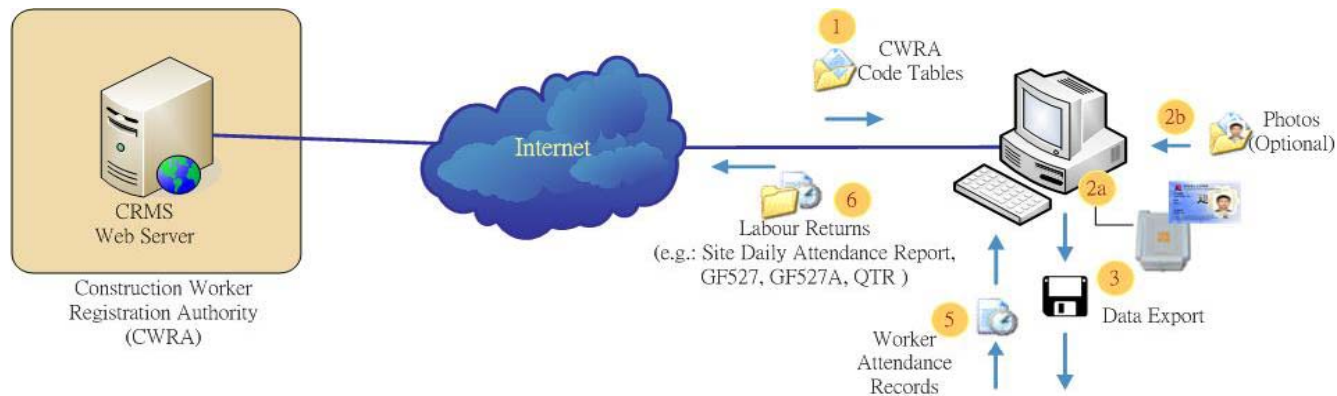
SATM Function Summary

	出勤記錄系統(SATM)程式軟件所提供的三種功能*		
	功能一 為工友進行驗證、提取 及儲存工人註冊證資料	功能二 紀錄工人進出工地 時間	功能三 編制及提交工人 報表
建議流程 一	SATM + SAM 咭	SATM	SATM
建議流程 二	SATM + SAM 咭	承建商公司出入閘 系統	SATM
建議流程 三	SATM + SAM 咭	承建商公司出入閘 系統	承建商公司內部 電腦系統

* SATM 程式軟件與承建商公司內部電腦系統的所有連接介面，將會以已定的文字文件 (Interface Files) 表達。如需詳細的指引，請參閱 SATM 程式軟件的用戶操作手冊。

Use of SATM – Option (1)

- Use All SATM Functions
- Suitable for company without any computer system

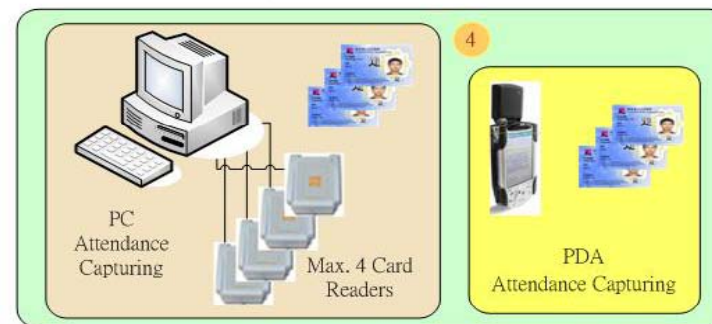


Option 1:

Function 1: To authenticate, retrieve and store the worker registration card data. **1 2 3**
(SATM)

Function 2: To capture attendance records **4 5**
(PC/PDA - SATM)

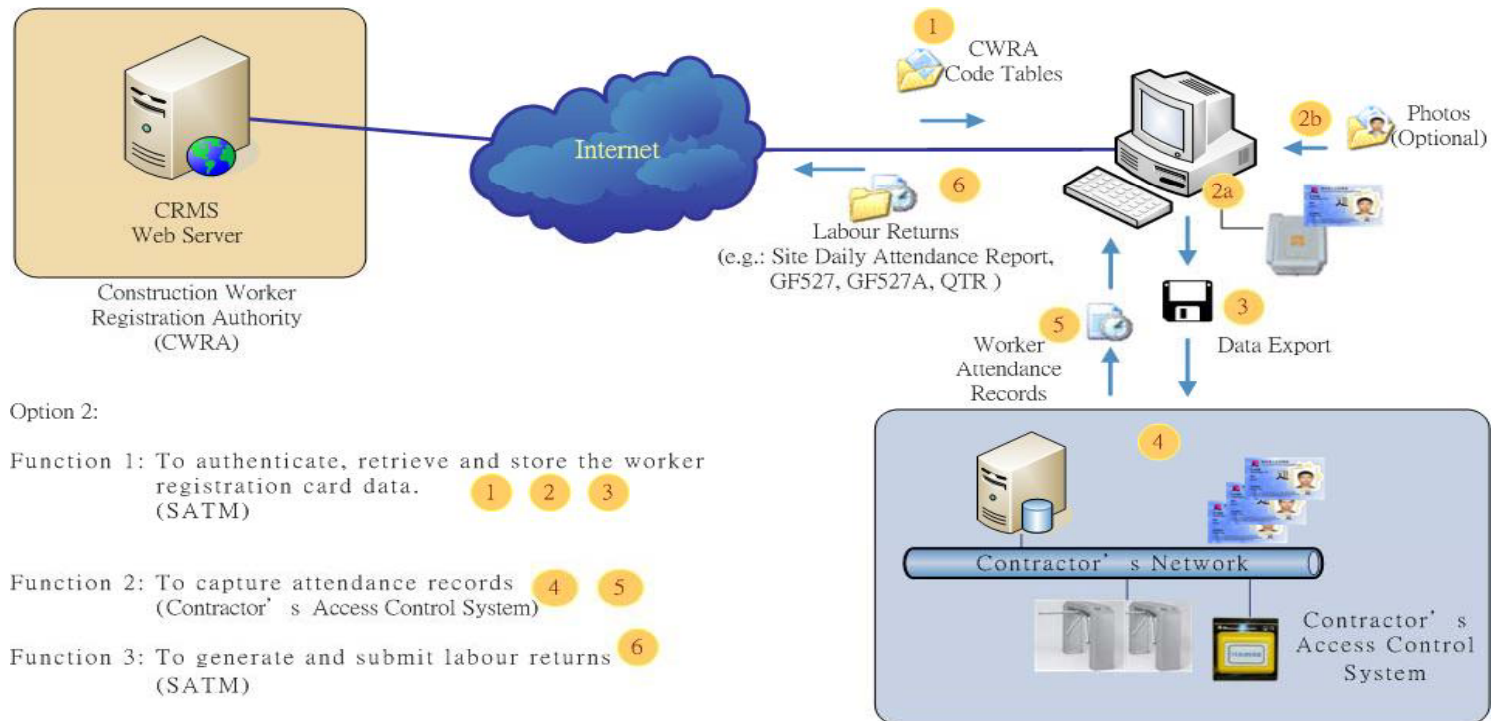
Function 3: To generate and submit labour returns **6**
(SATM)



Option 1

Use of SATM – Option (2)

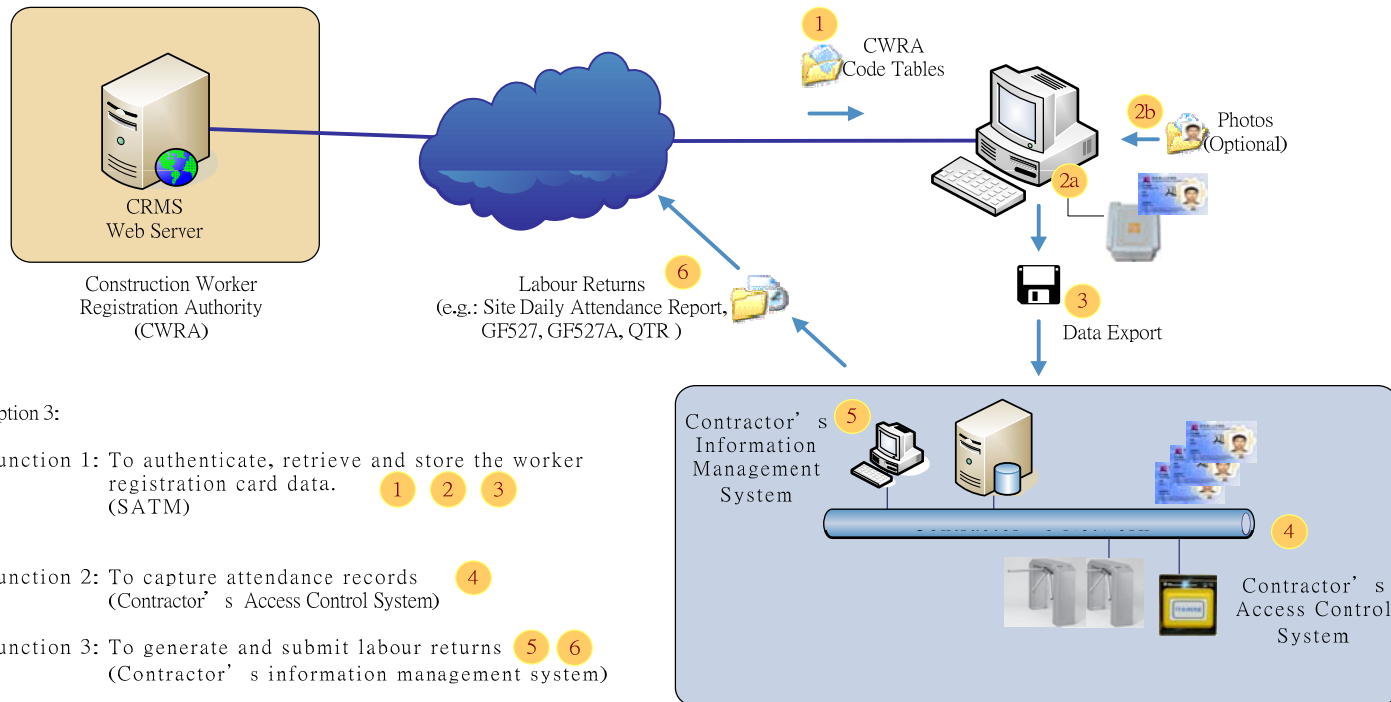
- Use Partial SATM Functions (Worker Registration & DAR Generation & Submission)
- Suitable for company with own Access Control System



Option 2

Use of SATM – Option (3)

- Use SATM (Worker Registration Only) or SATM-Lite version
- Suitable for company with own Access Control System and Information Management System



Option 3:

Function 1: To authenticate, retrieve and store the worker registration card data. (1 2 3) (SATM)

Function 2: To capture attendance records (Contractor's Access Control System) (4)

Function 3: To generate and submit labour returns (Contractor's information management system) (5 6)

Option 3



Card Reader Installation

- Card Reader Driver Installation
- Card Reader API Software Installation

SATM – Initial Setup (1)

- *Logon – Default Account (admin/admin)*



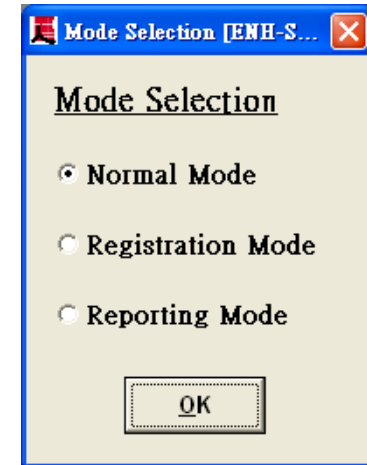
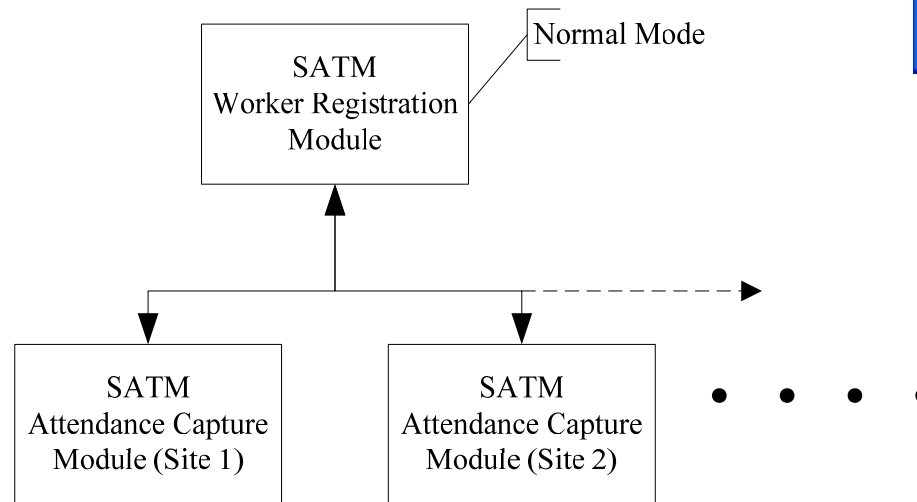
The screenshot shows a Windows-style dialog box titled "System Logon [FNC-SAM-0001]". The main heading is "CRMS Site Module Login CRMS地盤模組登入". Below this, it states "Version 版本: 1.0.49". The form contains four input fields: "Module 模組:" with a dropdown menu set to "Worker Registration Module 工人登記模組"; "Login ID 登入編號:" with a text box containing "admin"; "Password 密碼:" with a text box containing "*****"; and "Language 語言:" with a dropdown menu set to "English". At the bottom, there are two buttons: "Login 登入" and "Cancel 取消". The footer text reads "Copyright (c) 2004-2007 Construction Worker Registration Authority".

SATM – Initial Setup (2)

- **Mode Selection** *

- **Normal Mode**

- One Central Worker Registration Module for Worker Registration and DAR Generation & Submission
- One of More Attendance Capture Module for sites

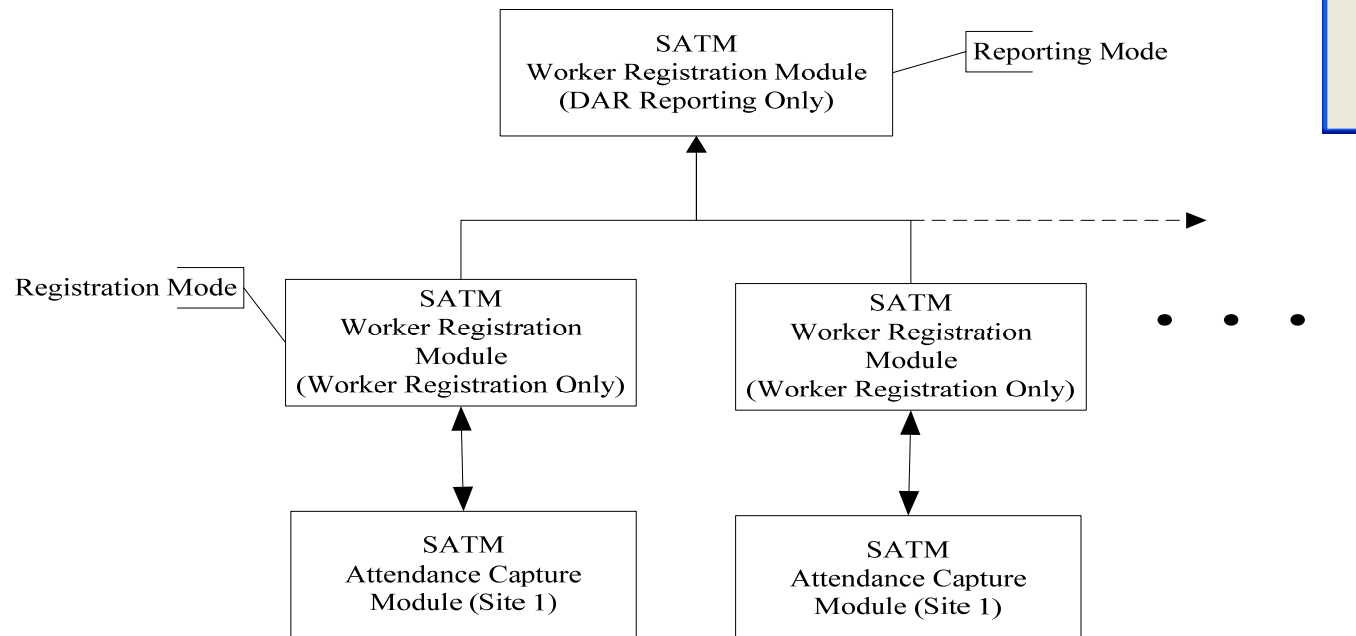
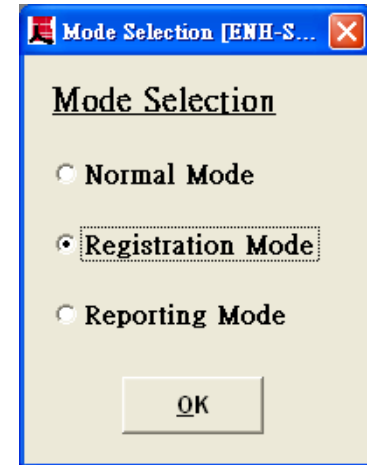


* *Mode selection is not required for SATM-Lite*

SATM – Initial Setup (3)

- *Registration & Reporting Mode*

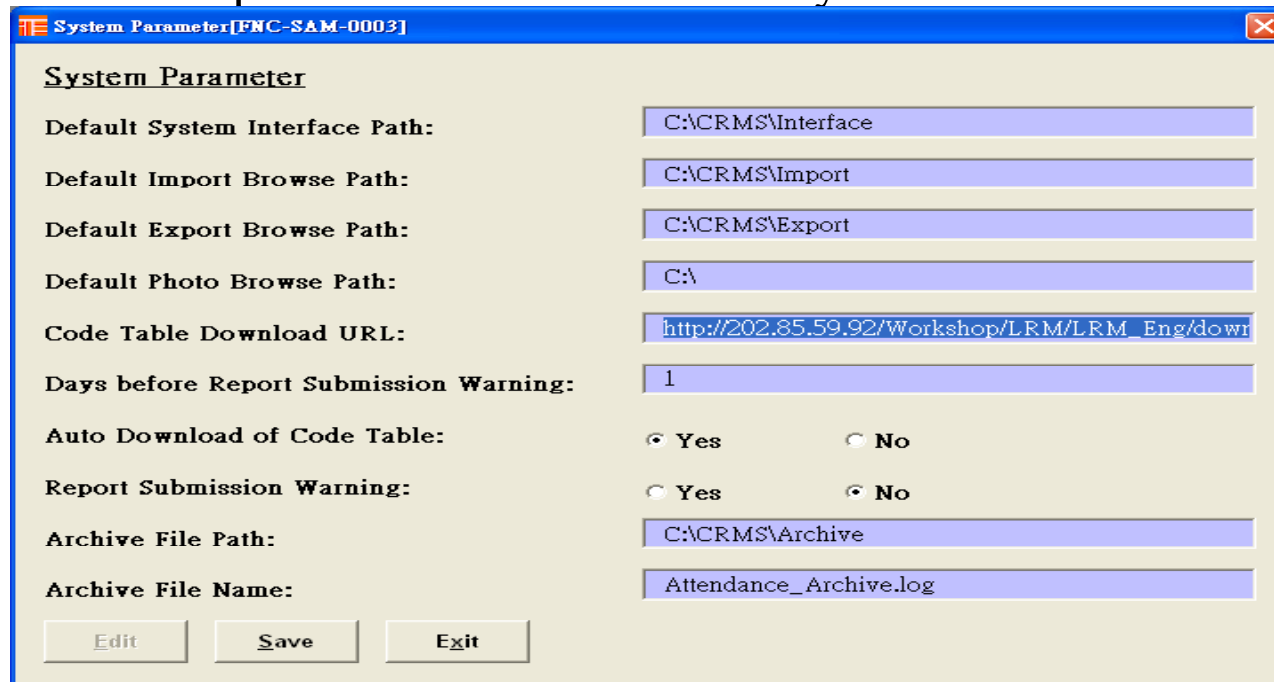
- One Central Reporting setup for DAR Generation & Submission
- One or more Worker Registration Module/Site Attendance Module for Worker Registration & Attendance Capturing



SATM – Initial Setup (4)

SATM - *Download of CWRA Ref. Table (1)*

- Latest reference code table such as Trade Code, Contractor Code, Problematic List etc. should be downloaded to SATM regularly.
- If SATM has internet connection, the CWRA reference code table can be setup to download automatically



The screenshot shows a dialog box titled "System Parameter[FNC-SAM-0003]". It contains the following fields and options:

Parameter	Value
Default System Interface Path:	C:\CRMS\Interface
Default Import Browse Path:	C:\CRMS\Import
Default Export Browse Path:	C:\CRMS\Export
Default Photo Browse Path:	C:\
Code Table Download URL:	http://202.85.59.92/Workshop/LRM/LRM_Eng/down
Days before Report Submission Warning:	1
Auto Download of Code Table:	<input checked="" type="radio"/> Yes <input type="radio"/> No
Report Submission Warning:	<input type="radio"/> Yes <input checked="" type="radio"/> No
Archive File Path:	C:\CRMS\Archive
Archive File Name:	Attendance_Archive.log

Buttons: Edit, Save, Exit

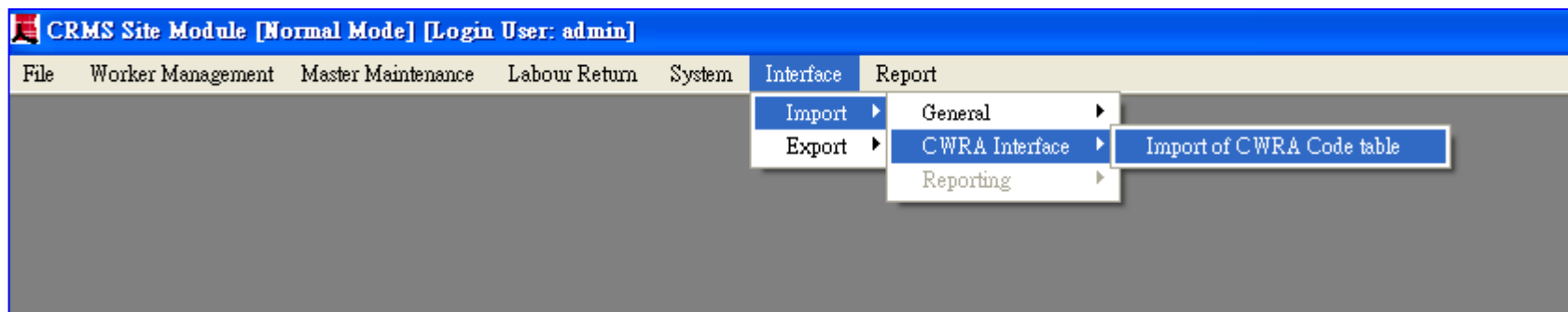
SATM – Initial Setup (5)

SATM - *Download of CWRA Ref. Table (2)*

- Otherwise, the code table should be downloaded from other machine that can access CWRA web portal and then import to SATM manually

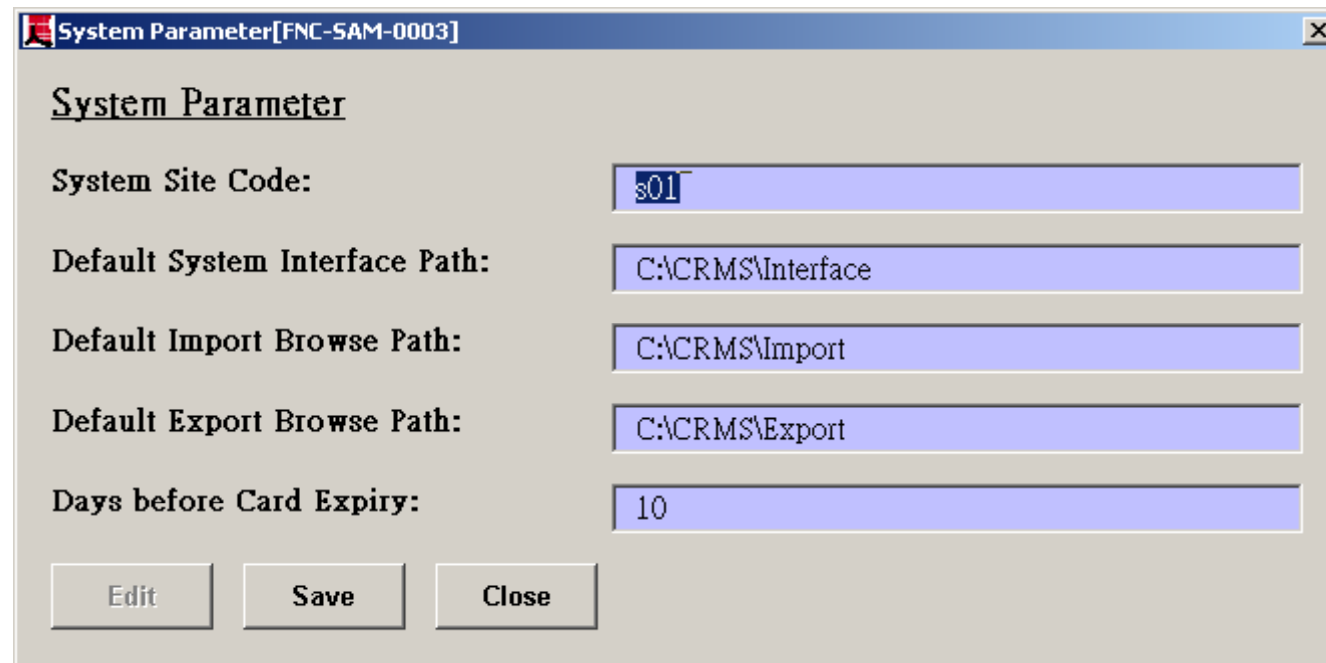
Enquiry/Download

- [Download Electronic Template of Data File \[LRM-WEB-006\]](#)
- [Download Latest Code Tables \[LRM-WEB-007\]](#)
- [Enquire / Download Submitted Data Files \[LRM-WEB-008\]](#)
- [Enquire / Download Submitted DAR \[LRM-WEB-009\]](#)



SATM – Initial Setup (6)

- **SATM - *Setup of Site for Attendance Capture Module***



The screenshot shows a dialog box titled "System Parameter[FNC-SAM-0003]". The dialog contains the following fields and values:

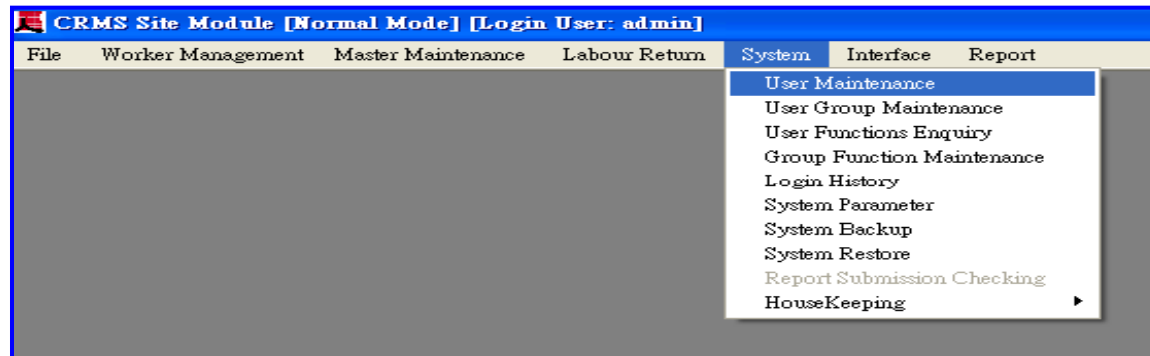
Field	Value
System Site Code:	s01
Default System Interface Path:	C:\CRMS\Interface
Default Import Browse Path:	C:\CRMS\Import
Default Export Browse Path:	C:\CRMS\Export
Days before Card Expiry:	10

At the bottom of the dialog, there are three buttons: "Edit", "Save", and "Close".

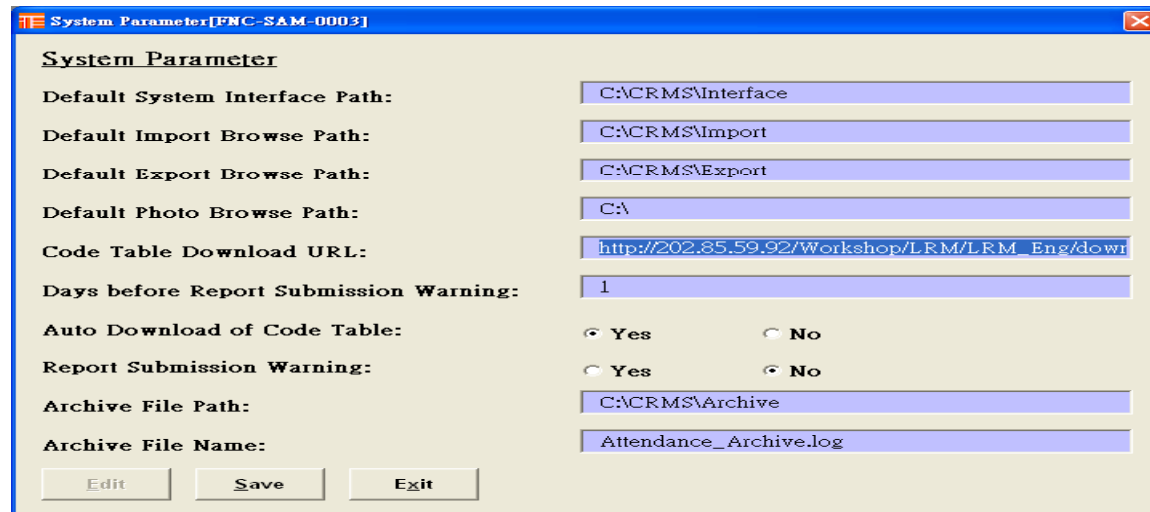
SATM – Function Walkthrough (1)

- Worker Registration (1)
 - System Setup

User
Accounts



System
Parameters



SATM – Function Walkthrough (2)

- Worker Registration (2)
 - Master Table Setup (Contract)

Contract Information

Contract No	Contract Title	Contact Description	Site Address	Site Representative	Contact Phone No.	Client
Workshop001	Workshop 001		Site Address	Site Person	23456789	Architectural Services

Contract No.: Workshop001
CWRA Reference No.: 070500001
Contract Title: Workshop 001
Contract Description:
Site Address: Site Address
Site Representative: Site Person
Contact Phone No.: 23456789 **Modify Contract Details**
Client: Architectural Services Department (ASD)
Client Name (if Others):
Government Division: Government Department
Main Contractor ID: Workshop001 (A2484)
Work Code:
Broad Stage of Work:
Commencement Date: 01/01/2007 Practical Completion Date: 31/12/2009
Percentage Complete: Defect Liability Expiry Date: 31/12/2010

New Edit Save Delete Cancel Exit

SATM – Function Walkthrough (3)

- Worker Registration (3)
 - Master Table Setup (Sub-Contractor)

Sub-Contractor Code	English Name	Chinese Name	Address 1	Address 2	Address 3	Contact Person	Contact P.
A0001	Another Sub-Contractor		Contractor Address			Contact Person	23456789
A2484	Workshop001		Contractor Address			Contact Person	23456789

Sub-Contractor Code: A0001

English Name: Another Sub-Contractor

Chinese Name:

Address: Contractor Address

Contact Person: Contact Person

Contact Phone No.: 23456789

Remark:

Nominated Subcontractor for Contract: Workshop001

New Edit Save Delete Cancel Exit

SATM – Function Walkthrough (4)

- Worker Registration (4)
 - Master Table Setup (Site)

The screenshot displays a software window titled "Site Information [FNC-SAM-0103]". It contains a table of site data and a form for editing site details.

Site Code	Site Contract No.	Site Description (Eng)	Site Description (Ch)	Address1	Address2	Address3
S01	Workshop001	Site 001		Site Address		

Site Information:

Site Code: S01

Site Contract No.: Workshop001

Site Description (English): Site 001

Site Description (Chinese):

Site Address: Site Address

Site Representative: Site Person

Site Representative Contact No.: 23456789

Site Contact Phone No.: 23456789

Site Status: Active

Buttons: New, Edit, Save, Delete, Cancel, Exit

SATM – Function Walkthrough (5)

- Worker Registration (5)
 - Worker Registration Card Authentication & Registration

The screenshot displays the 'Worker Maintenance [FNC-SAM-0201]' application window. It features a 'Registration Information' section at the top with fields for Registration No., Registration Card Expiry Date, Principal Trade, Categories, Type of Registration, Green Card No., Green Card Expiry Date, and Green Card Issuing Authority. Below this is a row of buttons: Search, Retrieve, New, Edit, Delete, Cancel, Refresh Card, Save, and Exit. The main area is divided into four tabs: Personal Information, Trade Information, Practising Site, and Other Setup. The 'Personal Information' tab is active, showing fields for ID Type (radio buttons for HKID and Passport No.), HKID/Passport No. (text input), Passport Country (dropdown), Working Visa Expiry Date (text input), English Name, Chinese Name, Gender, Address (text input), District (dropdown), Home Phone No., Contact Phone No., and Remark.

Registration Information	
Registration No.:	CWR06000001
Registration Card Expiry Date (DD/MM/YYYY):	12/01/2009
Principal Trade:	
Categories:	General Worker
Type of Registration:	
Green Card No.:	SCW03052058
Green Card Expiry Date (DD/MM/YYYY):	07/07/2007
Green Card Issuing Authority:	Construction Industry Training Authority 建造業訓練局 (024)

Buttons: Search, Retrieve, New, Edit, Delete, Cancel, Refresh Card, Save, Exit

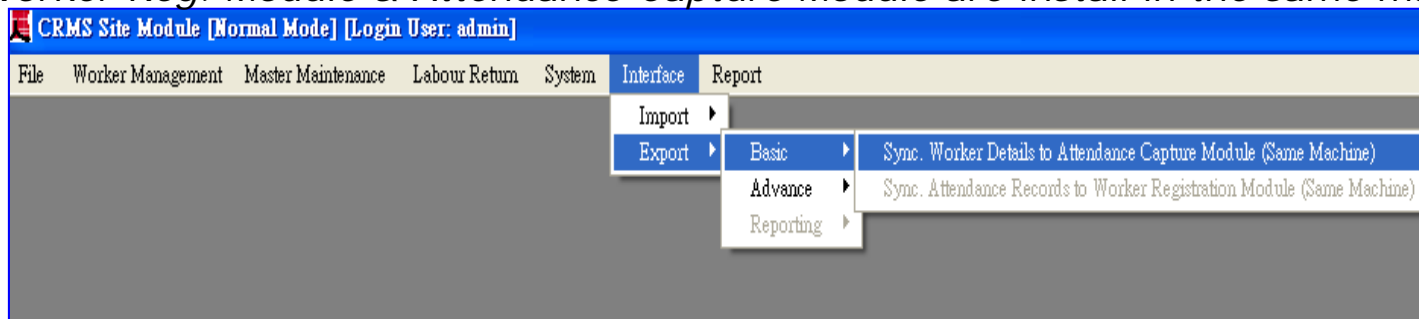
Personal Information	Trade Information	Practising Site	Other Setup
ID Type:			
HKID/Passport No.:			
Passport Country:			
Working Visa Expiry Date (DD/MM/YYYY):			
English Name:	But Wui Fai		
Chinese Name:	畢 輝		
Gender:	Male		
Address:			
District:			
Home Phone No.:		Contact Phone No.:	
Remark:			

SATM – Function Walkthrough (6)

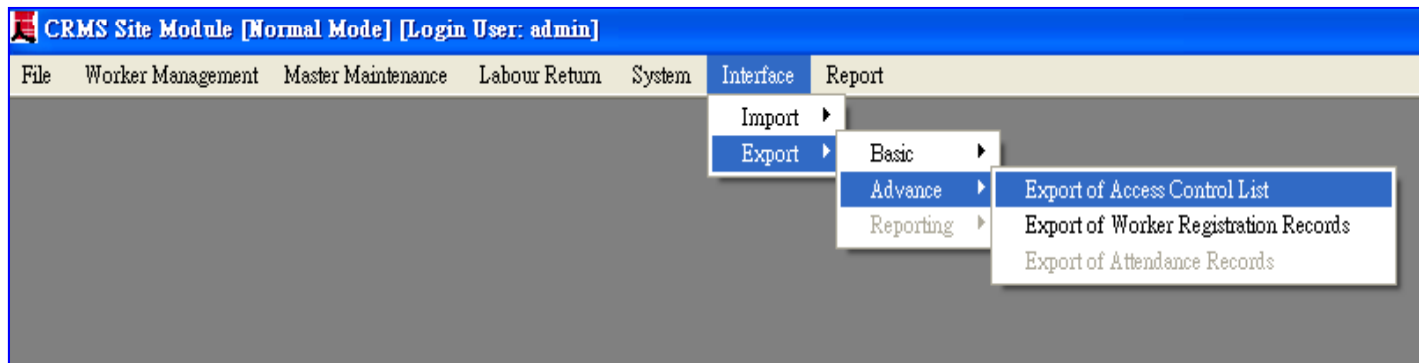
- Worker Registration (6)

- Export/Import of Registered Worker Details to Attendance Capture Module

- Worker Reg. Module & Attendance Capture Module are install in the same machine



- Attendance Capture Module is installed in a separate machine



SATM – Function Walkthrough (7)

- Attendance Capture (PC)

Reader Setup

Card Reader Group	Card Reader Code	Reader Name
RIN	RIN	RIN
ROUT	ROUT	ROUT

Card Reader Group:

Card Reader Code:

Reader Name:

Status:

Reader Type:

Attendance Capture

SITE S01 : Card Information (Configuration)

Reader Type	Status	Registration No.	Expiry Date	Green Card No.	Green Card Expiry Date	Sub-Contractor	Remark

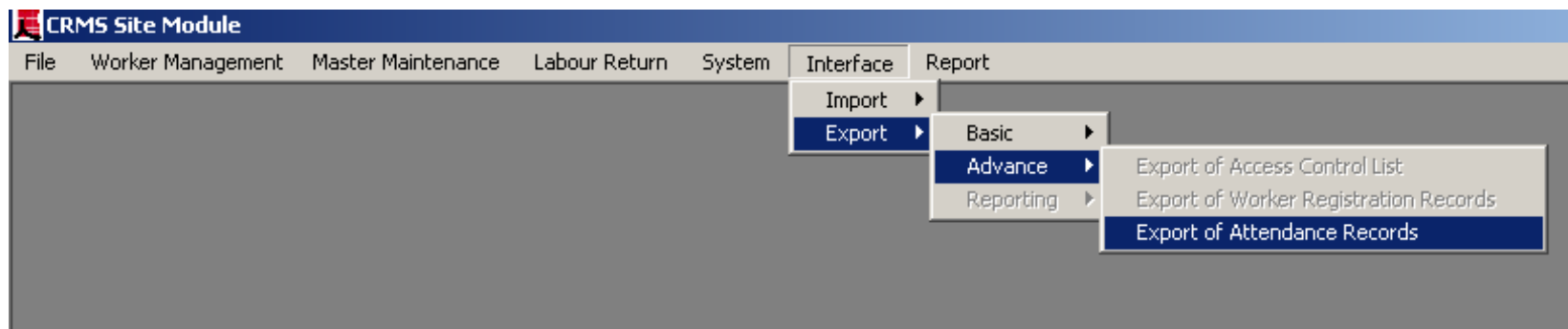
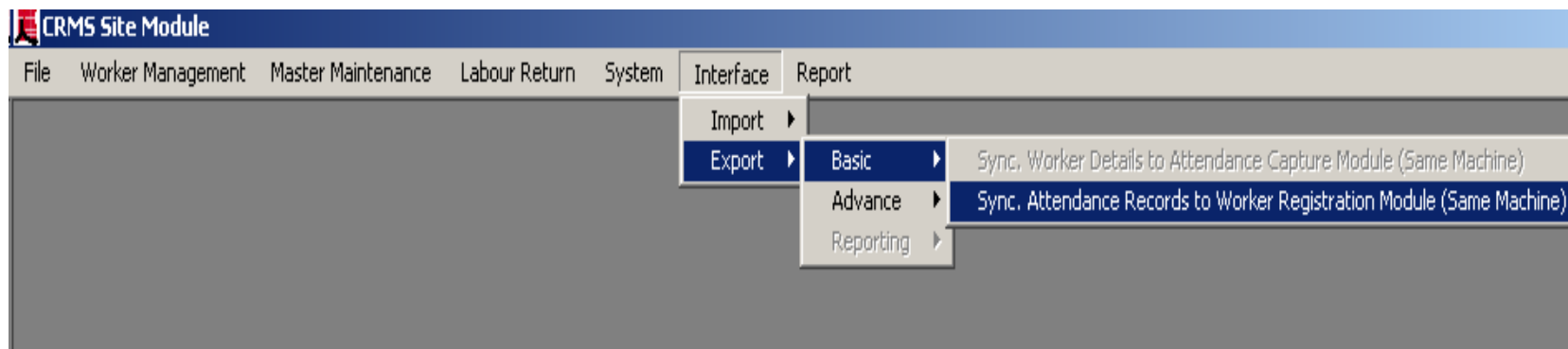
Card No. Registration No. Worker Name Punch Date Punch Time In/Out Reader Code Sub Contractor Remark

Daily Summary:

Total Punch In: 0 Total Punch Out: 0 Total Warning Issued: 0

SATM – Function Walkthrough (8)

- Export/Import of Attendance Records to Worker Registration Module for DAR



SATM – Function Walkthrough (9)

- Attendance Capture (PDA)
 - Attendance Taking Only

Att. Capturing 17:19

S01

Monday 21 May 2007 17:19:07

Mode ↓ IN ↓

**Present
Your Card**

In: 0 Out: 0
Warning Issued: 0

History

Att. Capturing 17:19

S01

Monday 21 May 2007 17:19:19

Mode ↓ IN ↓

✓

Name : Yu Chi Chiu
Reg.No : CWR06000079
Expiry Date : 20090602

In: 1 Out: 0
Warning Issued: 0

History

Att. Capturing 17:19

S01

Monday 21 May 2007 17:19:30

Mode ↓ IN ↓

X

No Card Information found in Database

In: 1 Out: 0
Warning Issued: 0

History

SATM – Function Walkthrough (10)

- Edit of Daily Attendance Record

Edit of Daily Attendance Records [ENH-SAM-003]

Edit of Daily Attendance Records

Start Date: 22/05/2007 End Date: 25/05/2007

Contract No.: Workshop001

Site:

Registration No.: Punch Type: Both

Update Attendance Record

Registration No.: Card SNR: Punch Date/Time: 22/05/2007 0:00:00 Punch Type: Subcontractor: Trade Code: Site: Card Trade:

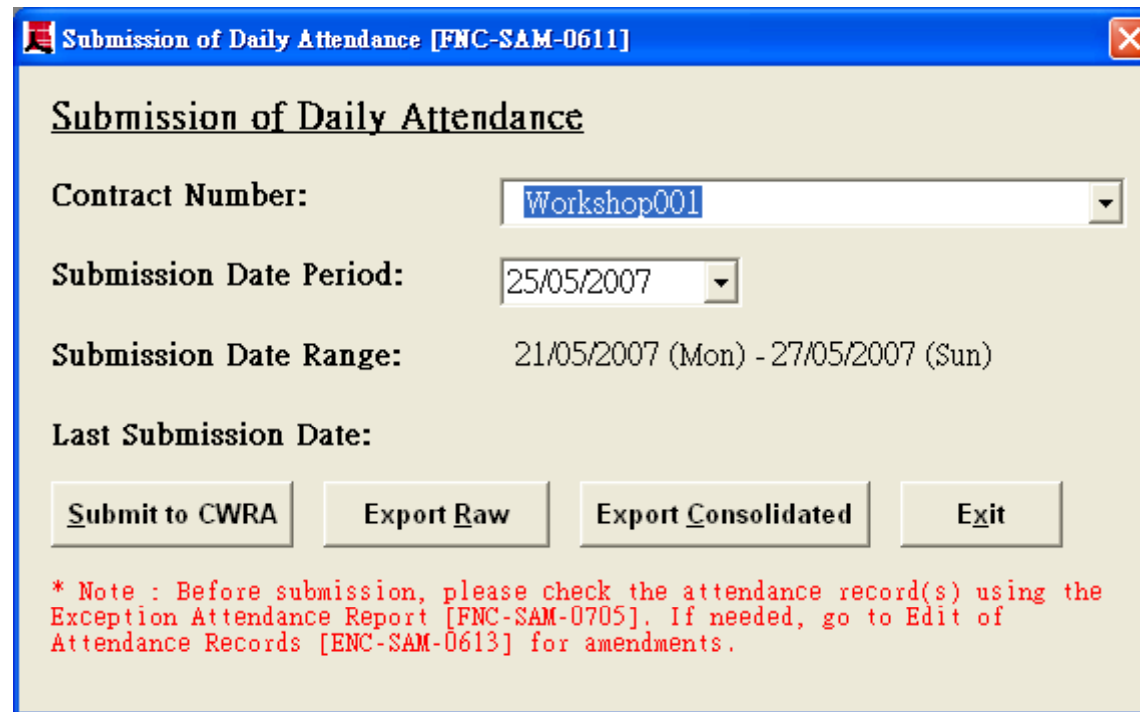
New Edit Save Delete Cancel

Registration No.	Card SNR	Site Code	Punch Type	Punch Date/Time	Subcontractor Code	Trade Code	Is Card Trade?
CWR06000073 (W)	F47E0F07	S01	I (In)	22/05/2007 10:00:00	A0001	C301	Yes
CWR06000073 (W)	F47E0F07	S01	I (In)	22/05/2007 17:00:11	A0001	C301	No
CWR06000073 (W)	F47E0F07	S01	O (Out)	22/05/2007 17:00:54	A0001	C301	No
CWR06000073 (W)	F47E0F07	S01	O (Out)	22/05/2007 20:00:00	A0001	C301	Yes
CWR06000079 (Y)	B4151107	S01	I (In)	22/05/2007 16:59:53	A2484	C334b	Yes
CWR06000079 (Y)	B4151107	S01	O (Out)	22/05/2007 17:00:58	A2484	C334b	Yes

Retrieve Exit

SATM – Function Walkthrough (11)

- DAR Submission



The screenshot shows a software window titled "Submission of Daily Attendance [FNC-SAM-0611]". The window contains the following fields and buttons:

- Contract Number:** A dropdown menu with "Workshop001" selected.
- Submission Date Period:** A dropdown menu with "25/05/2007" selected.
- Submission Date Range:** A text field displaying "21/05/2007 (Mon) - 27/05/2007 (Sun)".
- Last Submission Date:** A text field that is currently empty.
- Buttons:** Four buttons are located at the bottom: "Submit to CWRA", "Export Raw", "Export Consolidated", and "Exit".
- Note:** A red text note at the bottom reads: "* Note : Before submission, please check the attendance record(s) using the Exception Attendance Report [FNC-SAM-0705]. If needed, go to Edit of Attendance Records [ENC-SAM-0613] for amendments."

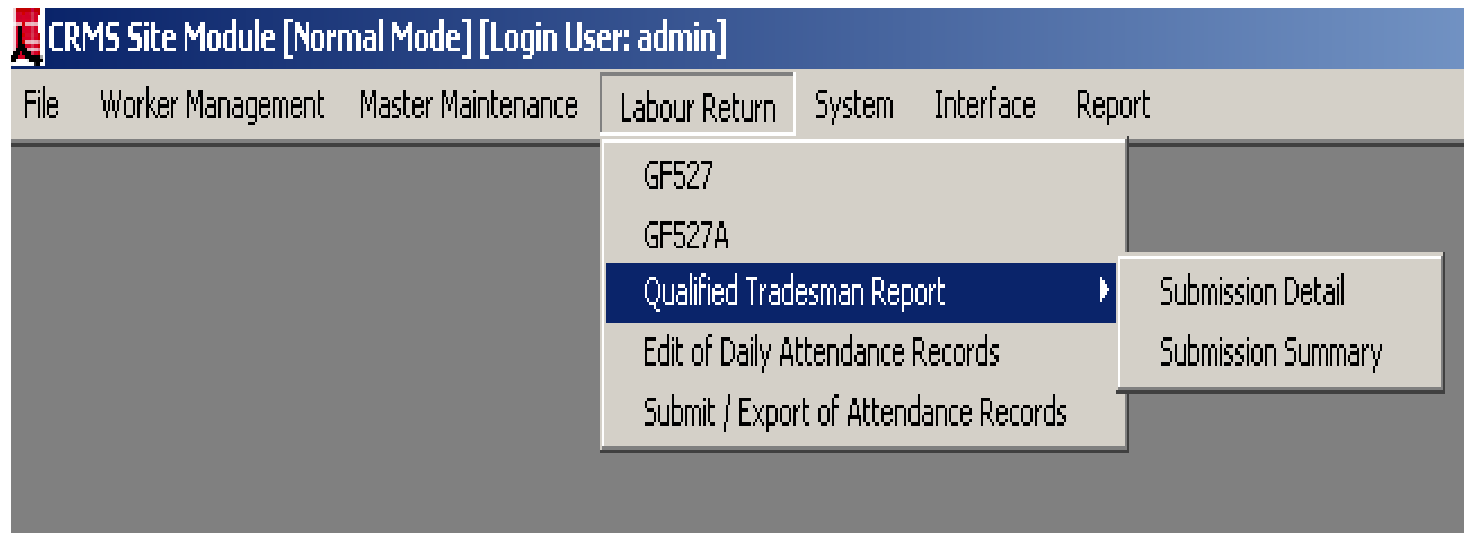
SATM – Function Walkthrough (12)

● DAR Samples (Raw & Consolidated Data)

Site Daily Attendance Report (RAW Data)							
工地每日出勤表 (原始記錄)							
Contract No. / BOO Ref. No. 合約編號 / 屋宇署參照編號				CWRA Reference No.: CWRA參考編號			
<p>Note 1: Please input either the card sequence no. printed on the lower right corner at the back of Construction Workers Registration Card. 註解1: 請輸入建造業工人註冊證背面右下角的卡序號/序列號。</p> <p>Note 2: If the construction worker is a registered skilled worker or semi-skilled worker but is not carrying out the construction work of his/her registered trade(s) on the construction site, please input C406 (General Worker) as the practising trade code. 註解2: 註冊為註冊熟練技工或註冊半熟練技工的建造業工友，如於建造工地進行非其註冊工種的工作，請輸入C406 (普通工人)為其從事工作的工種代號。</p> <p>Note 3: If the construction worker is working overnight, please add an "OUT" record at the end of day (23:59:59) and an "IN" record at the start of the following day (00:00:00) to his/her attendance record. 註解3: 如建造業工友需通宵工作，需要在當日的終結時加入“出”記錄(23:59:59)和在緊接之日的開始時加入“進”記錄(00:00:00)。</p>							
Site Daily Attendance Report (Consolidated Data)							
工地每日出勤表 (經修訂記錄)							
Contract No. / BOO Ref. No. 合約編號 / 屋宇署參照編號				CWRA Reference No.: CWRA參考編號			
<p>Note 1: Please input either the card sequence no. printed on the lower right corner at the back of Construction Workers Registration Card or the card serial no. stored in the Construction Workers Registration Card. 註解1: 請輸入建造業工人註冊證背面右下角的卡序號或儲於註冊證內的序列號。</p> <p>Note 2: If the construction worker is a registered skilled worker or semi-skilled worker but is not carrying out the construction work of his/her registered trade(s) on the construction site, please input C406 (General Worker) as the practising trade code. 註解2: 註冊為註冊熟練技工或註冊半熟練技工的建造業工友，如於建造工地進行非其註冊工種的工作，請輸入C406 (普通工人)為其從事工作的工種代號。</p> <p>Note 3: If the construction worker is working overnight, please add an "OUT" record at the end of day (23:59:59) and an "IN" record at the start of the following day (00:00:00) to his/her attendance record. 註解3: 如建造業工友需通宵工作，需要在當日的終結時加入“出”記錄(23:59:59)和在緊接之日的開始時加入“進”記錄(00:00:00)。</p>							
Construction Workers Registration No. 建造業工人註冊編號	Card Serial No. / Card Sequence No. (See Note 1) 卡序號 / 序列號 (註解1)	Construction Workers Registration No. 建造業工人註冊編號	Card Serial No. / Card Sequence No. (See Note 1) 卡序號 / 序列號 (註解1)	IN/OUT (I / O) 進/出 (I / O)	IN/OUT Date (yyyy/mm/dd) 進/出日期 (年/月/日) For example: 1 January 2007 should record as "2007/01/01" 例子: 2007年1月1日應輸入 "2007/01/01"	IN/OUT Time (hh:mm:ss) 進/出時間 (時:分:秒) For example: 3:03pm should record as "15:03:00" 例子: 下午3時3分0秒應輸入 "15:03:00"	Practising Trade Code (See Note 2) 從事工作的工種代號 (註解2)

SATM – Function Walkthrough (13)

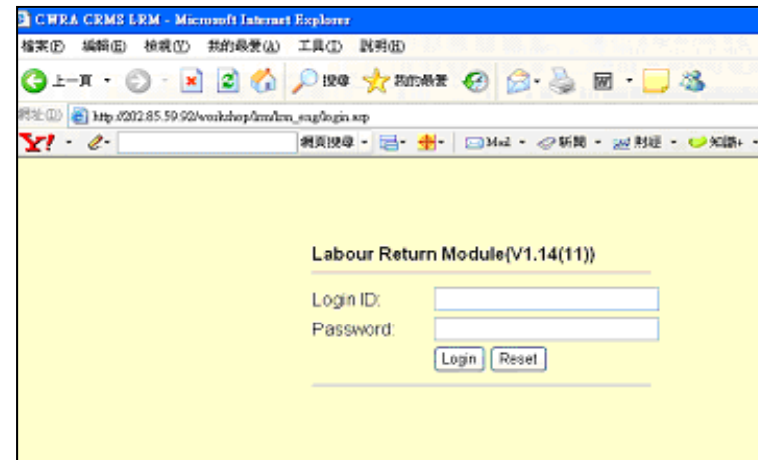
- Other Labour Return Functions (GF527, GF527A, Qualified Tradesman Report)



CWRA Web Portal for Web Submission (1)

- Web Submission Administrator Account

- Login



CWRA CRMS LRM - Microsoft Internet Explorer

檔案(F) 編輯(E) 檢視(V) 我的最愛(A) 工具(T) 說明(H)

地址(1) http://202.85.59.92/workshop/lrm/lrm_eng/login.asp

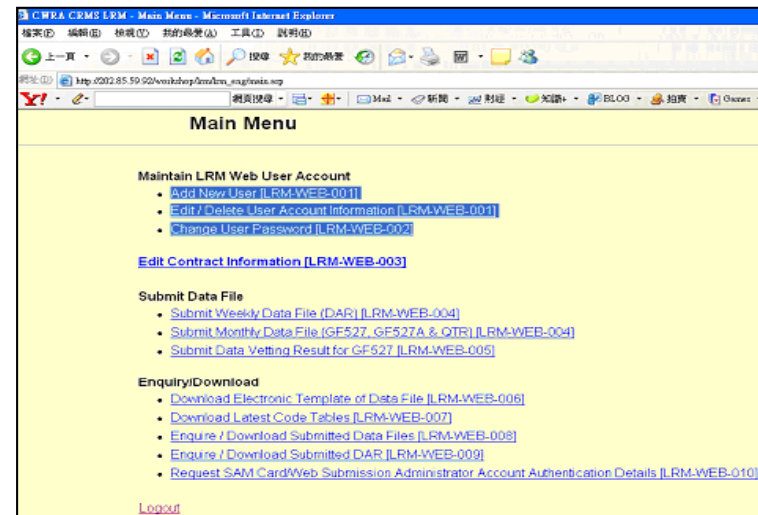
Labour Return Module(V1.14(11))

Login ID:

Password:

Login Reset

- Manage additional submission accounts



CWRA CRMS LRM - Main Menu - Microsoft Internet Explorer

檔案(F) 編輯(E) 檢視(V) 我的最愛(A) 工具(T) 說明(H)

地址(1) http://202.85.59.92/workshop/lrm/lrm_eng/main.asp

Main Menu

Maintain LRM Web User Account

- [Add New User \[LRM-WEB-001\]](#)
- [Edit / Delete User Account Information \[LRM-WEB-001\]](#)
- [Change User Password \[LRM-WEB-002\]](#)

[Edit Contract Information \[LRM-WEB-003\]](#)

Submit Data File

- [Submit Weekly Data File \(DAR\) \[LRM-WEB-004\]](#)
- [Submit Monthly Data File \(GF527, GF527A & QTR\) \[LRM-WEB-004\]](#)
- [Submit Data Vetting Result for GF527 \[LRM-WEB-005\]](#)

Enquiry/Download

- [Download Electronic Template of Data File \[LRM-WEB-006\]](#)
- [Download Latest Code Tables \[LRM-WEB-007\]](#)
- [Enquire / Download Submitted Data Files \[LRM-WEB-008\]](#)
- [Enquire / Download Submitted DAR \[LRM-WEB-009\]](#)
- [Request SAM Card Web Submission Administrator Account Authentication Details \[LRM-WEB-010\]](#)

[Logout](#)

CWRA Web Portal for Web Submission (2)

- DAR web submission (1)
 - Submission of DAR file

Main Menu

Maintain LRM Web User Account

- [Add New User \[LRM-WEB-001\]](#)
- [Edit / Delete User Account Information \[LRM-WEB-001\]](#)
- [Change User Password \[LRM-WEB-002\]](#)

Edit Contract Information [LRM-WEB-003]

Submit Data File

- [Submit Weekly Data File \(DAR\) \[LRM-WEB-004\]](#)
- [Submit Monthly Data File \(GF527, GF527A & QTR\) \[LRM-WEB-004\]](#)
- [Submit Data Vetting Result for GF527 \[LRM-WEB-005\]](#)

CWRA CRMS LRM [LRM-WEB-004] - Microsoft Internet Explorer

檔案(E) 編輯(E) 檢視(V) 我的最愛(A) 工具(T) 說明(H)

← 上一頁 → 下一頁 ↻ 刷新 地址(D) http://202.85.59.92/Workshop/LRM/LRM%5FEng/filesubmission_weekly.asp

Submit Weekly Data File (DAR) [LRM-WEB-004]

Contract ASD004(ASD004) ▾

Contractor Name A.R. CONSTRUCTION (HK) LTD.

Submission Type DAR ▾

Daily Attendance File (raw) 瀏覽...

Daily Attendance File (consolidated) 瀏覽...

Select a day for weekly submission to Select

Select non working day(s) for the selected week

20/5/2007 (Sunday) 21/5/2007 (Monday) 22/5/2007 (Tuesday)

23/5/2007 (Wednesday) 24/5/2007 (Thursday) 25/5/2007 (Friday)

26/5/2007 (Saturday)

Submit Reset

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CWRA Web Portal for Web Submission (3)

- DAR web submission (2)
 - Review of DAR Submission History

Enquiry/Download

- [Download Electronic Template of Data File \[LRM-WEB-006\]](#)
- [Download Latest Code Tables \[LRM-WEB-007\]](#)
- [Enquire / Download Submitted Data Files \[LRM-WEB-008\]](#)
- [Enquire / Download Submitted DAR \[LRM-WEB-009\]](#)

Enquire / Download Submitted DAR [LRM-WEB-009]

Contract: All
Contract Name:
Reporting Year / Month: 2007/04
Status: All

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Go To 1 / Total Page : 1

Contract	Contract Name	Contractor Name	Submission Type	Submitted File	Reporting Week (DD/MM/YYYY)	Email Feedback Date (DD/MM/YYYY HH:MM:SS)	Email Validation Report Date (DD/MM/YYYY HH:MM:SS)	Submission Timestamp (DD/MM/YYYY HH:MM:SS)	Status
WShop001	Workshop001	Workshop001		WShop001_R_20070402_01.xls	02/04/2007			18/05/2007 15:13:09	Read: forma check
WShop001	Workshop001	Workshop001		WShop001_C_20070430_02.bat	30/04/2007			22/05/2007 17:07:06	Read: forma check
WShop001	Workshop001	Workshop001		WShop001_R_20070430_02.log	30/04/2007			22/05/2007 17:07:06	Read: forma check

CWRA Web Portal for Web Submission (4)

- Submission Validation Email & Report



Microsoft Excel - WShop002_DAR_VR_2007_04_02_1.xls

Validation Report For Daily Attendance Record

每日出勤核實報表

Contract No. / BOO Ref. No.									
合約編號 / 屋宇署參照編號:	WShop002								
Contract Name	Workshop002								
合約名稱:	Workshop002								
Contractor Name	Workshop002								
承建商名稱:	Workshop002								
Submitted File	[WShop002_R_20070402_01.xls]								
呈交報表:	[WShop002_R_20070402_01.xls]								
Reporting Week	2007/04/02 - 2007/04/08								
每星期報表:	2007/04/02 - 2007/04/08								
Submission Timestamp	2007/04/08 22:37:49								
呈交日期時間:	2007/04/08 22:37:49								
Validation Timestamp	2007/04/09 01:39:44								
核實日期時間:	2007/04/09 01:39:44								
Validation Details									
核實資料									
File Name 報表名稱	Row 行 #	Construction Workers Registration No. 建造業工人註冊編號 #	Card Serial No / Card Sequence No. 卡序號 / 序列號 #	IN/OUT (I/O) 進/出 (I/O)	IN/OUT Date 進/出日期	IN/OUT Time 進/出時間	Practising Trade Code 從事工作的 工種代號	Error Description 錯誤描述	
WShop002_R_20070402_01.xls	8	CWR06006828	15231D10	I	20070408	N/A	E405a	Attendance record is not in pair for 出單一對 [CWR06006828] @ 2007/04/08 Worker attendance record overlap the I# of contract 工人出勤記錄於另一合# 時間重疊 [Demo002] : CWR0600000 2007/04/02	
WShop002_R_20070402_01.xls	8	CWR06000005	6594F72F	I	20070402	N/A	C330a	Worker attendance record overlap the I# of contract 工人出勤記錄於另一合# 時間重疊 [Demo002] : CWR0600000	

Report / NUM



Q & A



建造業工人註冊管理局
Construction Workers Registration Authority

