



CONSTRUCTION INDUSTRY COUNCIL  
建造業議會

# Seminar on Construction Workers Registration System (CWRS)

July 2020



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# 1. Terminology

## CWRS - Construction Workers Registration System

- New system launched in Dec-2015

## Good List

- The list of workers assigned to work on a specific contract or site
- Controlled by the site admin or master admin of an individual contractor

## Bad List

- The list of workers not allowed to work on construction sites
- Controlled by CIC for all contracts or sites

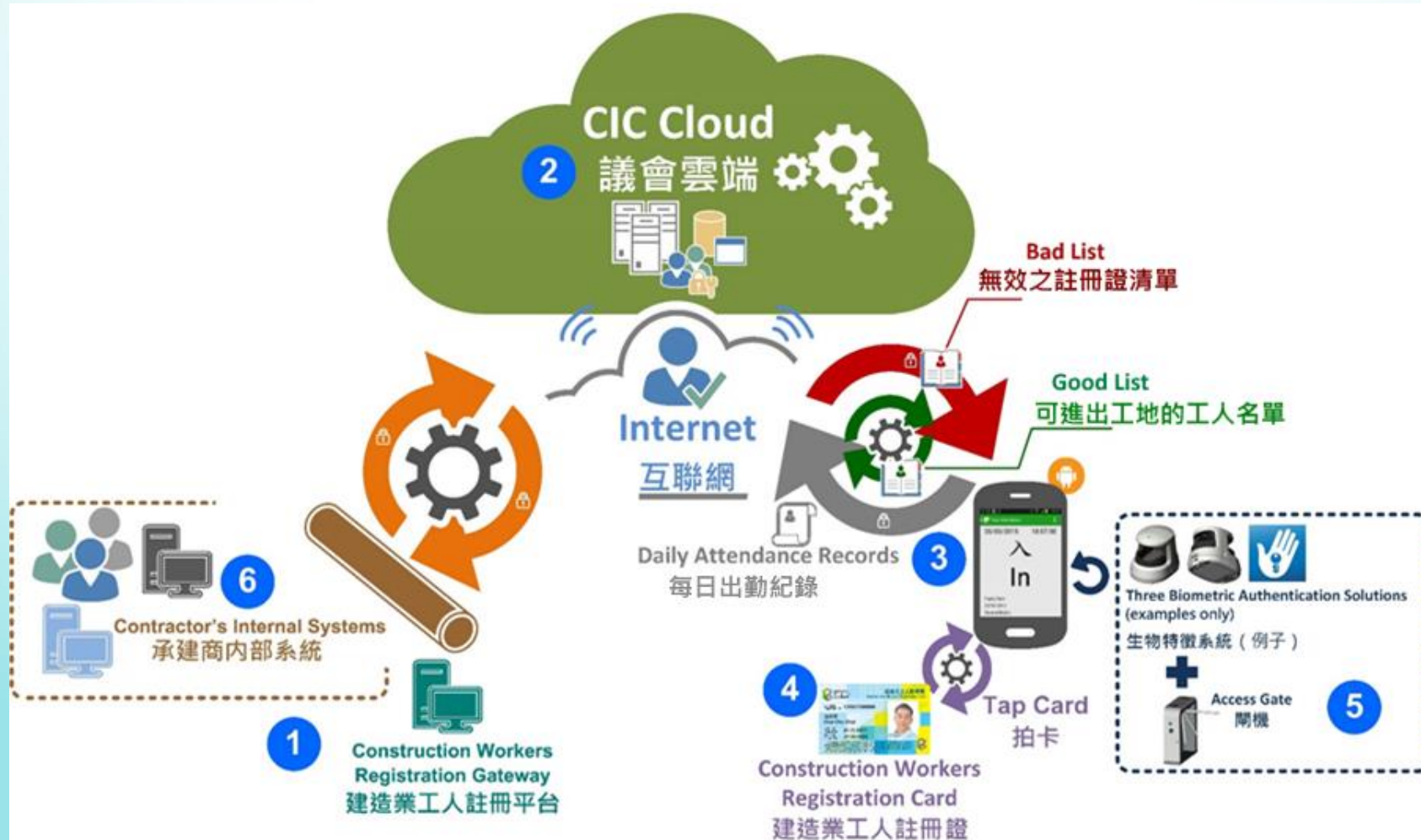
## DAR – Daily Attendance Record

## NFC – Near Field Communication

## CWRG – Construction Workers Registration Gateway (Front-end portal)

## CWR Card – Construction Workers Registration Card

## 2. System Overview



### 3. Benefits

1. Enhanced flow of collection & submission of DAR
2. More options on card readers to record the workers registration card information
3. Web-based platform for managing daily site administration work
4. Increased accuracy of DAR collection
5. Simplified registration process for workers
6. Workers can access their DAR on CWR card
7. Multi-qualifications on one card

# 3. New Construction Workers Registration Card



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**新**  
NEW

**建造業工人註冊證**  
Construction Workers Registration Card



註冊編號  
Registration No. CWR17099999

齊註冊  
Chai Chu Chat

簽發日期  
Issue Date 01-11-2017

有效日期  
Expiry Date 31-10-2022

此證是根據《建造業工人註冊條例》(第583章)發出。非法使用他人註冊證屬嚴重刑事罪行。 This card is issued under the Construction Workers Registration Ordinance (Cap. 583). Unlawful use of another person's registration card is a serious criminal offence.

記錄其他與建造業相關的資格  
Record other construction-related qualifications

記錄最近的個人拍卡紀錄  
Store latest card tapping records

「一證多用」減少帶證數量  
Reduce the number of cards to be carried



資格列表  
Qualification List

**舊**  
OLD



建造業工人註冊證  
Construction Workers Registration Card

註冊編號  
Registration No. CWR17099999

姓名  
Name 齊註冊  
Chai Chu Chat

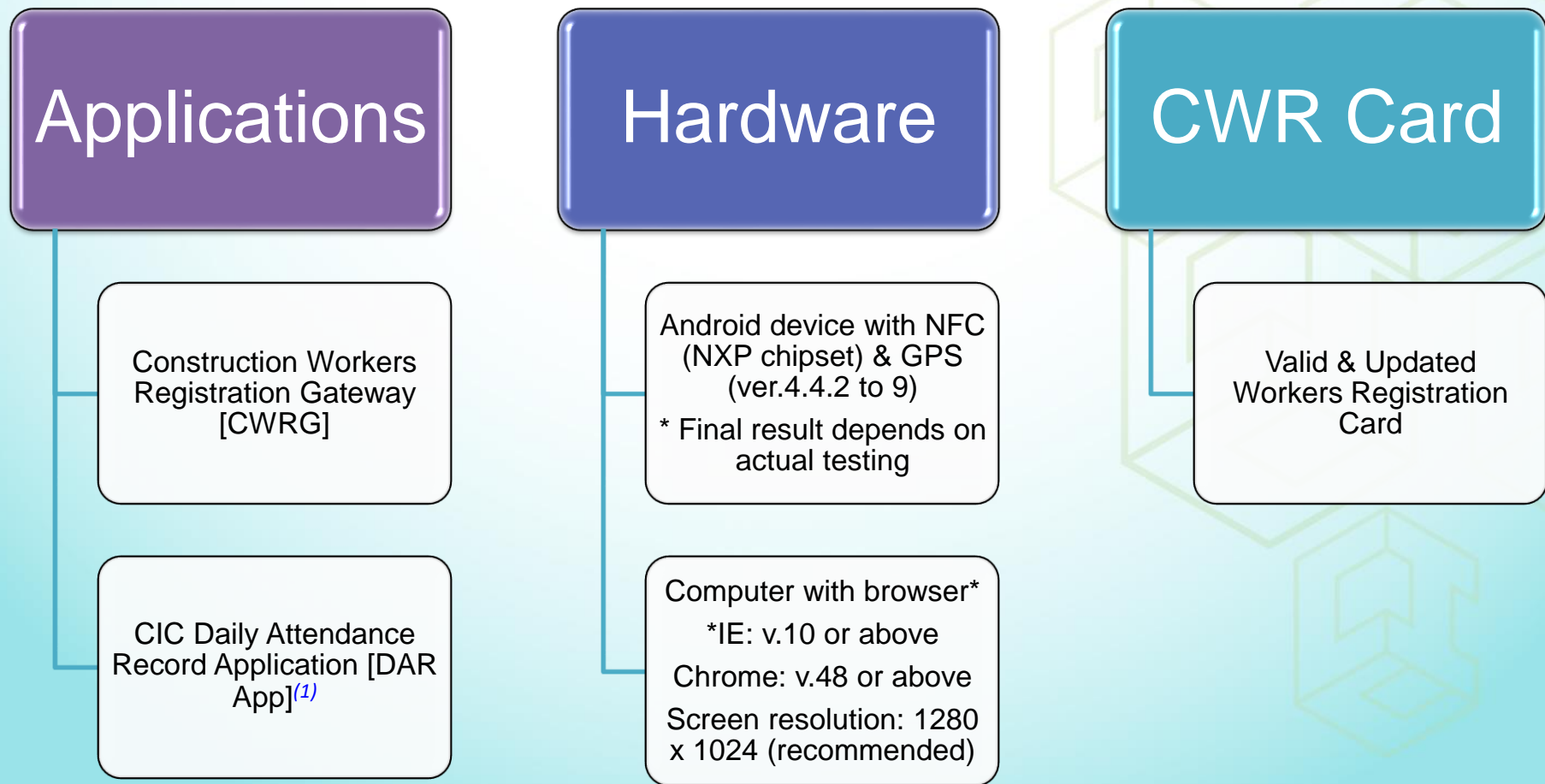
有效期至  
Expiry Date 31-10-2017

此證是根據《建造業工人註冊條例》(第583章)發出。非法使用他人註冊證屬嚴重刑事罪行。 This card is issued under the Construction Workers Registration Ordinance (Cap. 583). Unlawful use of another person's registration card is a serious criminal offence.

## 4. Roles & Duties

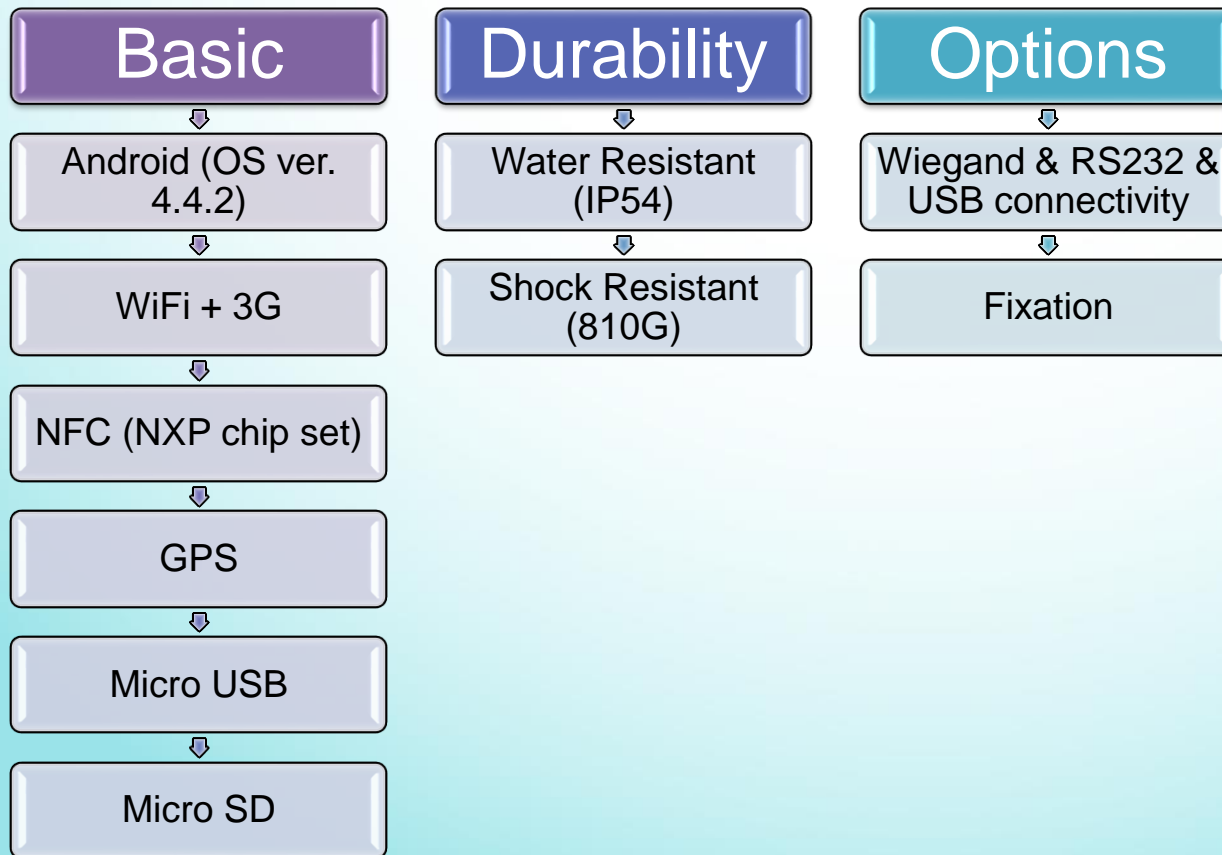
Roles	Duties
Site Admin	<ul style="list-style-type: none"><li>•Manage and edit Good List and DAR</li><li>•Submit DAR via CWRG</li><li>•Perform administrative work in DAR App</li></ul>
Master Admin	<p><u>In addition to the access rights of the Site Admin:</u></p> <ul style="list-style-type: none"><li>•Create / manage / delete site admin accounts</li><li>•Manage Contracts</li></ul>
Workers	<ul style="list-style-type: none"><li>•Tap CWR Card on card readers installed with DAR App to create attendance record</li></ul>

# 5. System Components



(1) You are advised to visit the [CIC website](#) regularly for latest release notes on DAR App and update your card reading device to the latest version of the DAR app.

# 6. CIC Android Device



# 7. Other tested Android Devices

1. Asus Zenfone 5
2. CAT S41
3. HTC One E8
4. HTC One ME
5. HTC Desire 530
6. HTC U Play
7. Huawei Honor 6 Plus
8. Huawei Honor 10
9. Huawei Nova 5T\*
10. Huawei Y7 Prime 2018
11. InFocus M810t
12. Lenovo Vibe P1
13. LG G3
14. LG G3 Beat
15. LG GPro2
16. LG G4 Stylus
17. LG G5
18. LG Stylus 2
19. LG Stylus 3
20. LG X Power
21. LG K10 Power
22. LG K10 2017
23. LG Q Stylus +
24. Meizu Pro 5
25. Motorola Moto G5 Plus
26. Nilamtec A1
27. Nilamtec B1\*
28. Nokia 4.2\*
29. Nokia 5.3\*\*
30. Nokia 8

(\* Android ver. 9.0)

(\*\* Android ver. 10)

1. The CIC does not hold any bias towards any brands or models of mobile device for DAR operations.
2. The list above is only a record of testing devices. Contractor users are free to choose any mobile device as long as they fulfill the basic requirements for the CIC Attendance apps operations

# 7. Other tested Android Devices

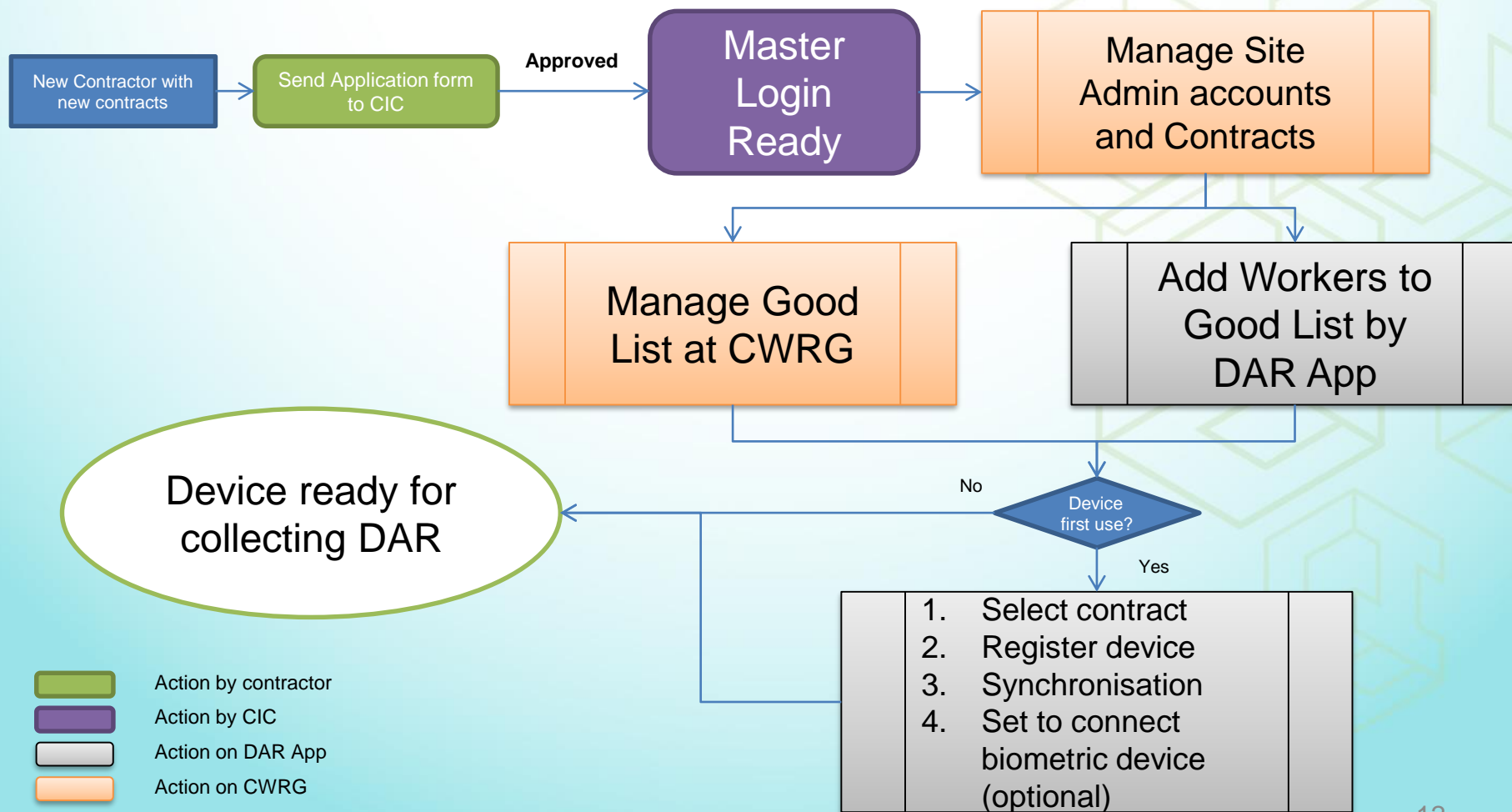
- 31. Nokia 8.1\*
- 32. Oppo A9 2020\*
- 33. Oppo Find X2 Pro\*\*
- 34. Samsung Galaxy A8
- 35. Samsung Galaxy C5
- 36. Samsung Galaxy Grand Prime
- 37. Samsung Galaxy J5 2016
- 38. Samsung Galaxy Note 5
- 39. Solution Expert C530
- 40. Sony Xperia 10\*
- 41. Sony Xperia 10 II\*\*
- 42. Sony Xperia 10 Plus\*
- 43. Sony Xperia C3
- 44. Sony Xperia SP
- 45. Sony Xperia Z5 Premium
- 46. Sony Xperia M4 Aqua
- 47. Sony Xperia XA
- 48. Sony Xperia XA1
- 49. Sony Xperia XA2
- 50. Star On SP-3
- 51. Synergos CIC-M729
- 52. UniStrong E7738A1 (HK ver.)
- 53. UniStrong E7759-B2
- 54. Vivo Y19\*
- 55. Vivo Y50\*\*
- 56. Vivo Y95
- 57. Xiaomi Mi5

(\* Android ver. 9.0)

(\*\* Android ver. 10)

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# 8. Setup Procedure



## 9. Good List

- A list of workers who are assigned to work on a specific contract/site and is managed by the Site Admin or Master Admin
- Site Admin/Master Admin should regularly review and manage Good List via CWRG portal or DAR App, including:
  - Register CWR cards for new workers
  - Update new CWR cards due to renewal / loss / update qualification for current workers
  - Update the site entrance period for workers
  - Update the practising trade for workers
- Site Admin/Master Admin should remind the workers to activate the new CWR cards upon receipt.

# 10. Daily Operation after Setup

Raw data will synchronize with CWRS automatically at

- Around 04:00, 10:00, 16:00, 22:00 (4 times daily)
- Duties during the 7-day cycle:
  1. Check raw DAR
  2. Edit DAR if necessary
  3. Rectify problematic records (if any)

# 11. DAR Submission

Contractors must carry out the following steps and ensure all DAR are true and complete in each submission.

1. Ensure all DAR are completely uploaded from card devices to CWRG Cloud

- In “DAR Submission Summary” section of CWRG

2. Rectify problematic records and verify all DAR are true

- In “Attendance Records for Verification” section of CWRG

3. Submit verified DAR

- In “DAR Submission Summary” section of CWRG

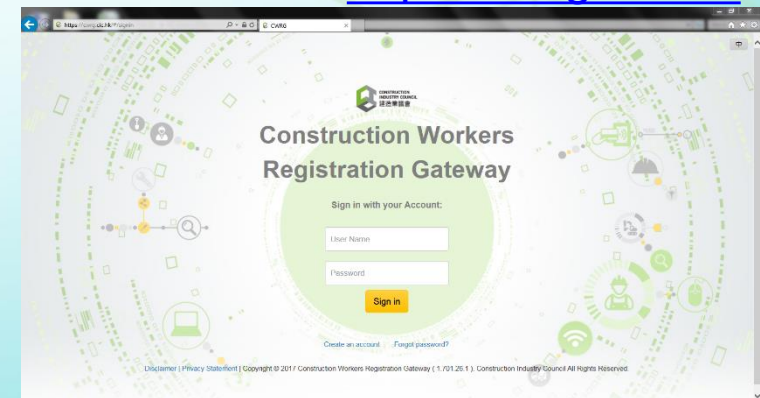
## 12. Law Requirement

- Pursuant to the Construction Workers Registration Ordinance (Cap. 583) (CWRO), the controller of a construction site is required to submit DAR for each period of 7 days, within 2 business days after each period.
- All DAR shall contain true and complete records.
- Failure to submit DAR in accordance with the CWRO is an offence and may be subject to prosecution.

# 13. Manual Highlight - CWRG

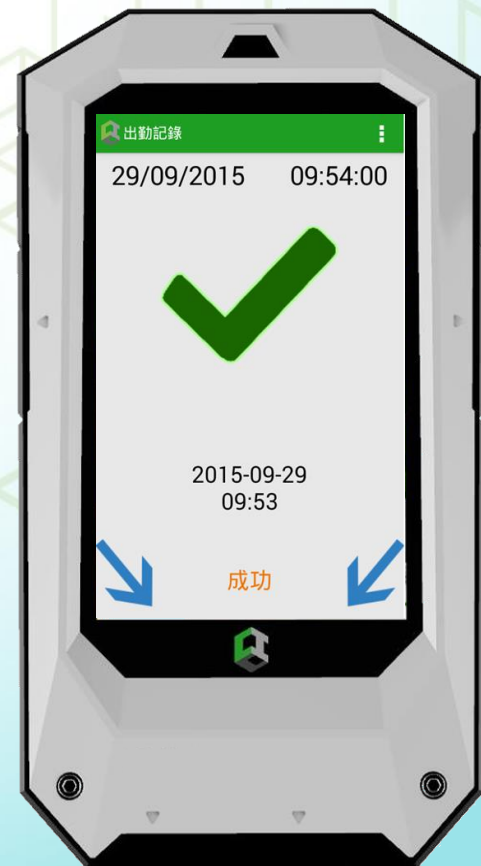
- Contractor/ Contract Profile [[chapter 2.2](#)]
  - Apply new contract/ Update request
- DAR – Editing & Submission [[chapter 2.3](#)]
- Good list Conflicts [[chapter 2.4.1](#)]
- Export and Download [[chapter 2.4.2 & 2.4.4](#)]
- Email notifications [[chapter 2.4.8](#)]
- DAR for verification [[chapter 2.4.9](#)]
- Heartbeat [[chapter 2.4.11](#)]

<https://cwrq.cic.hk/>



# 14. Manual Highlight – DAR App

- Reminder on Stable Network [[chapter 1.1.2](#)]
- Device De-/Registration [[chapter 1.1.3-4](#)]
- Setup (Tap Indicator, Biometric, Auto-start, Heartbeat, Auto Download, Return Signal Response time) [[chapter 1.1.6](#)]
- Good List Management (Add/ Edit/ Delete) [[chapter 1.2](#)]
- Data Synchronization [[chapter 1.4](#)]
- Update (CIC DAR App upgrade) [[chapter 1.6](#)]





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# Thank you

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The comments expressed in this seminar will not in any way affect or prejudice the CIC in performing any of its function or exercising any of its power under the CWRO.

