Construction Workers Registration System

Objectives

- To collect a main register and related data (e.g., identity and employment history) on site workers;
- To ensure the functions of the workers registration system and on-site inspection system are integrated and work in harmony;
- To improve the workers registration service such as reducing the number of cards and cards issued to workers while allowing the storage of card logging records in the new Construction Workers Registration Card.

System

1. Construction Workers Registration Gateway (CWRG)
   - A cloud-based system for registration of workers by owners of construction projects and appointment of site inspectors.
2. CIC Cloud
   - A cloud service to ensure the collected data on workers can be securely stored and can be updated over the Internet.
3. Android Card Reading Device and DAR App
   - An Android device with a specified NFC reader and an app developed by CIC.
4. System Integrator
   - An interface which allows integration of other systems, e.g., access control systems, using communication protocols on their site.
5. Contractors’ Internal Systems
   - A database-driven application to help contractors maintain their own worker records and allow workers to check and update their personal information.

This initiative is supported by the Construction Industry Council, the Construction Industry Training Board, and the Construction Industry Development Corporation.
CIC Device

As part of the CIC development, the CIC has been designed to be used with the CIC Device. The CIC Device is available only for use on an official basis.

CIC Cloud

The CIC Cloud is a secure platform that integrates cloud computing technologies to enable remote operation and management of CIC devices. The CIC Cloud allows authorized users to perform tasks such as device configuration, monitoring, and maintenance from anywhere.

CICMOS Operating Procedures

These operating procedures are designed to provide guidance on the use of CIC devices and their integration with the CIC Cloud. The procedures cover aspects such as data encryption, access control, and device management.

Features of the CICMOS

- The CICMOS simplifies the procedure of registering collection workers into the good list. The registration can be done by simply tapping the CICMOS card on card reading devices.
- SWF can be uploaded to the CICMOS manually and by synchronized automatically via the CICMOS card.
- The CICMOS supports offline operation which accommodates construction sites with no network connections.

How to get started

To learn how to use the CICMOS to register collection workers, please refer to the following instructions in the CICMOS user manual.

Get started with the CICMOS

1. Insert the CICMOS card into the card reader.
2. Enter your username and password.
3. Click on the 'Register' button.
4. Select the collection worker you wish to register.
5. Follow the on-screen instructions to complete the registration process.

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