

# FreshCode™

全方位冷鏈系統監測紀錄器



合浦企業有限公司

**VARCODE**  
Your cold chain monitoring solution

# FreshCode™ 冷鏈監控系統的全方位解決方法

## 突破性的冷鏈監測技術

### ✓ 有效

- 立即提供溫度及時間狀態供收貨端即時做出決策
- 整箱監控;提供無爭議的交付模式
- 具體情況反饋和警報
- 資料可用於分析做為後續改進的依據

### ✓ 簡單

- 使用現有條碼讀取系統
- 無需專業訓練即可運用
- 資料可讓物流業者和供應商間同步管理
- 資料可輕易與其他管理系統做整合

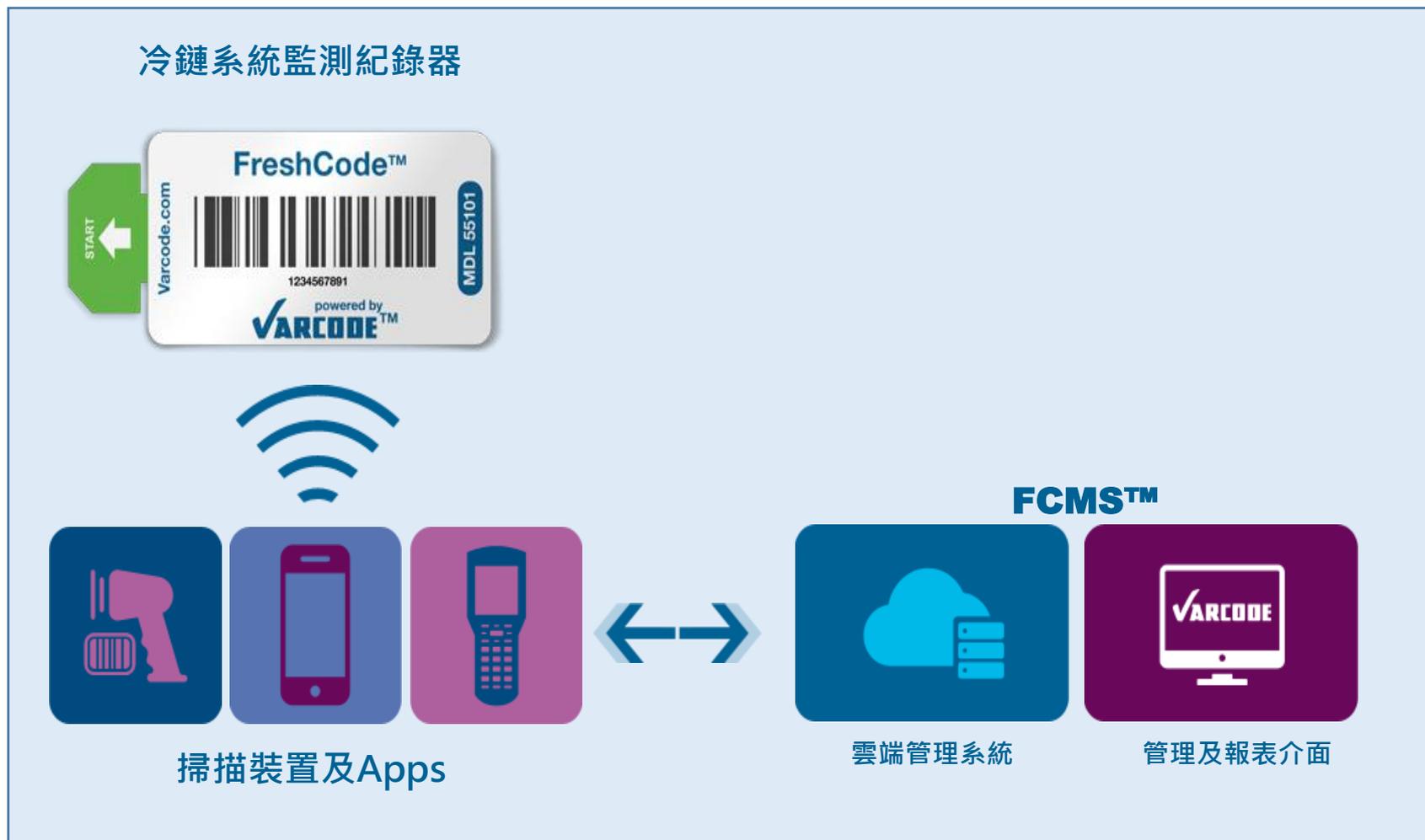
### ✓ 彈性

- 若符合溫度標準,會持續的進行監控
- 配合冷鏈管理可自行設置監控規則
- 可客製化商品標籤

### ✓ 符合

- 符合HACCP計畫
- 可進行控制點的監控
- 永久性的數據記錄
- 可提供追溯源及相關數據

## 全方位冷鏈監控系統



# FreshCode™ 冷鏈系統監測紀錄器



- ✓ 使用現有成熟的技術
  - 條碼及條碼掃描器
  - 智慧行動電話
  - 雲端管理
- ✓ 易於在冷鏈及供應鏈中設置和使用
  - 供應商
  - 第三方物流業/司機
  - 倉儲業
  - 品管部門
- ✓ 經濟實惠, 可確保整箱食品安全
- ✓ 取得 20多項世界專利



- ✓ 無須額外添購讀取裝置
- ✓ 簡單易用
- ✓ 紀錄軌跡和追蹤數據
  - 可追蹤溯源
  - 根本原因分析
  - 可與其他操作系統的連接
- ✓ 可立即做出決定及處理方式
- ✓ 掃描時可連帶記錄GPS及照相
- ✓ Apps 可至Google Play及 App Store下載



# 簡單方便的條碼解讀 App

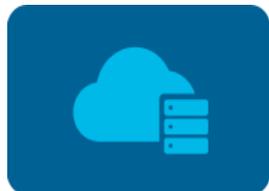
讀取資料及做出決定只需要幾個簡單的步驟



1. 首次下載時需在註冊畫面登錄相關資料。
2. 掃描冷鏈系統監測紀錄器上的條碼
3. 掃描或輸入相關物流相關資料及照相存檔
4. 資料上傳到資料庫後會立刻回應相關訊息(或警告訊息)

# FreshCode FCMS™ 雲端管理系統

## 雲端管理及報告系統



- ✓ 結合記錄運送軌跡及相關訊息(含GPS定位資訊)
- ✓ 用戶可自行設置以符合每個獨特的冷鏈管理系統(配合HACCP管控流程)
- ✓ 可自行設置警報供冷鏈管理系統發簡訊或電郵即時通知

The screenshot shows the Varcode web application interface. The browser address bar displays 'varcodeglobal.mymdfile.com'. The application header includes the Varcode logo, navigation tabs for 'Scans', 'Reports', and 'Setup', and a user profile section for 'Tom Taylor' with a 'Log Out' button. The main content area features a table of scan data with the following columns: Scan Date, Reader Name, FreshCode, Quality Code, Delivery Note, I.D. Barcode, Customer #, Customer, Profile, Quality Read, Commodity, ReaderID, and Reading Location. A filtering sidebar on the left allows users to filter scan data by date range (From Date: 08/25/2016, To Date: 08/27/2016) and various fields like Customer#, Delivery Note, FreshCode, Quality Code, I.D. Barcode, and ReaderID.

Scan Date	Reader Name	FreshCode	Quality Code	Delivery Note	I.D. Barcode	Customer #	Customer	Profile	Quality Read	Commodity	ReaderID	Reading Location
08/26/2016 14:11	julio chavez	0000027789	3	prueba	prueba	524626	AIILSA	0c Mexico Felipe	Minor temperature abuse	Refrigerated food	4621695883	20 de Noviembre 37, Sopeña, 36119 Silao, Gto., Mexico
08/26/2016 14:11	LILIANA	0000027789	3			524626	AIILSA	0c Mexico Felipe	Minor temperature abuse	Refrigerated food	4646509295	Juárez, Guanajuato, Mexico
08/26/2016 14:06	LILIANA	0000027789	3			524626	AIILSA	0c Mexico Felipe	Minor temperature abuse	Refrigerated food	4646509295	Juárez, Guanajuato, Mexico
08/26/2016 14:04	julio chavez	0000027789	3			524626	AIILSA	0c Mexico Felipe	Minor temperature abuse	Refrigerated food	4621695883	20 de Noviembre 37, Sopeña, 36119 Silao, Gto., Mexico
08/26/2016 13:58	LILIANA	0000027789	2			524626	AIILSA	0c Mexico Felipe	No temperature abuse	Refrigerated food	4646509295	Juárez, Guanajuato, Mexico
08/26/2016 13:57	LILIANA	0000027789	1			524626	AIILSA	0c Mexico Felipe	Label not activated	Refrigerated food	4646509295	Juárez, Guanajuato, Mexico
08/26/2016 13:47	LILIANA	0000027788	2			524626	AIILSA	0c Mexico Felipe	No temperature abuse	Refrigerated food	4646509295	Juárez, Guanajuato, Mexico
08/26/2016 13:44	LILIANA	0000027788	2			524626	AIILSA	0c Mexico Felipe	No temperature abuse	Refrigerated food	4646509295	Juárez, Guanajuato, Mexico
08/26/2016 13:43	LILIANA	0000027788	1			524626	AIILSA	0c Mexico Felipe	Label not activated	Refrigerated food	4646509295	Juárez, Guanajuato, Mexico
08/26/2016 13:35	LILIANA	0000027788	1			524626	AIILSA	0c Mexico Felipe	Label not activated	Refrigerated food	4646509295	Juárez, Guanajuato, Mexico
08/25/2016 18:17	Rolf Goldschmidt	0200003895	4	vacuna 5565	65976197	36470662	Colombia Abbvie Test	8c sample labels	Temperature Excursion Level 2	vaccines	3203847086	Cl. 117 #14-2 a 14-92, Bogotá, Colombia



## VarcodE Product Specification Summary

### 1.0 Product Information

1.1	VarcodE Product ID	<b>FC13180</b>
1.2	Product Description	<b>FreshCode FROZEN recorder</b>
1.3	Product Quality Codes	Code 1: Recorder not activated Code 2: Recorder activated; no temp abuse above -18°C Code 3: First level of temperature abuse above -18°C Code 4: Second level of temperature abuse above -18°C

### 2.0 Recorder Time-Temperature Performance Specs

2.1	Threshold Temperature	0°F / -18°C
2.2	Calibration Temperature(s)	-15°C (Threshold Temp + 3°C)
2.3	Time/Temperature Curve at Calibration Temperature	Code 2: Immediate upon activation / pulling the tab Code 3: 2 hours (+/- 15%) Code 4: 4 hours (+/- 15%)

### 3.0 Recorder and Packaging Specs

3.1	Recorder Dimensions	47mm x 78mm (plus tab)
3.2	Barcode Dimensions	46mm x 13mm (2" x 0.5") for printed 1-D barcode region
3.3	Barcode Data Format	12 numeric digits in UPC-A format: <ul style="list-style-type: none"><li>• 10 digit sequential tracking number</li><li>• 2 digits for status code</li></ul>

### 4.0 Packaging Specifications

4.1	Recorders per box	100 recorders per box
4.2	Box Dimensions	17cm x 10cm x 5cm

# 總結

- 業者對品質和安全的重視,有助於提昇企業的形象並可增加消費者對該企業產品的信賴感
- 業者需要新的解決方案來幫助他們建立更完整的冷鏈管理系統,避免付出巨額賠款及損壞商譽.
- FreshCode™ 是一個有效, 低成本的解決方案, 以確保食品安全和品質