



香港房屋委員會  
**Hong Kong Housing Authority**

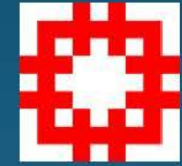
**Site Safety Seminar  
for  
Capital Works New Works Contracts**

*Presented by:  
Mr. Koeman Chan  
Business Development Manager*

*VHSoft Technologies Co. Ltd.*

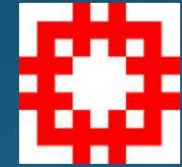


# Agenda

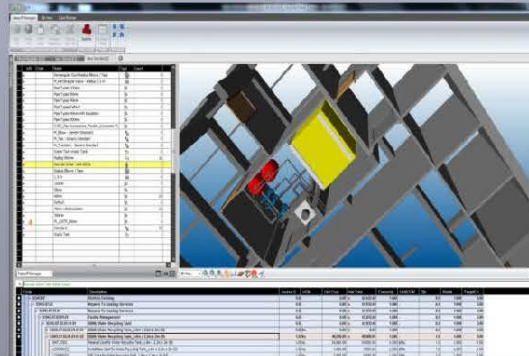
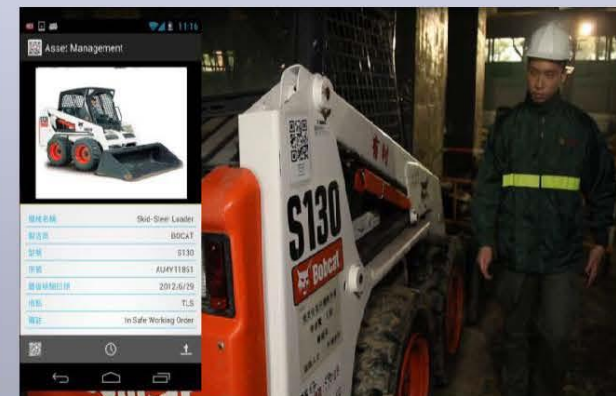
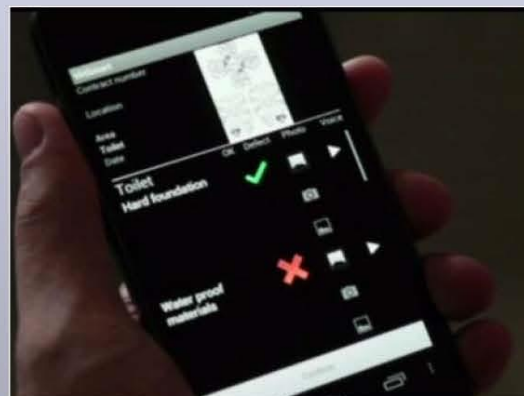


- **Company Introduction**
- **Solution Introduction**
- **Live Demonstration**
- **Implementation Consideration**

# Company Vision

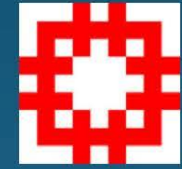


Our **vision** is to create **Construction IT future** and **deliver construction specific IT solutions and services**





# Threat in Industry



Too Much 

Too Less 

**Project**

**People**

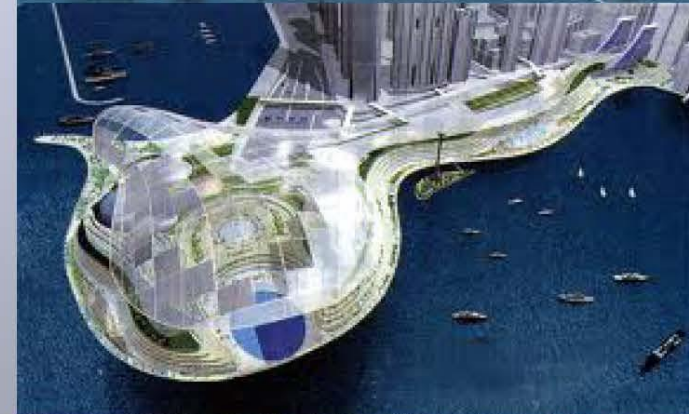
**Administration**

**Site Walk**

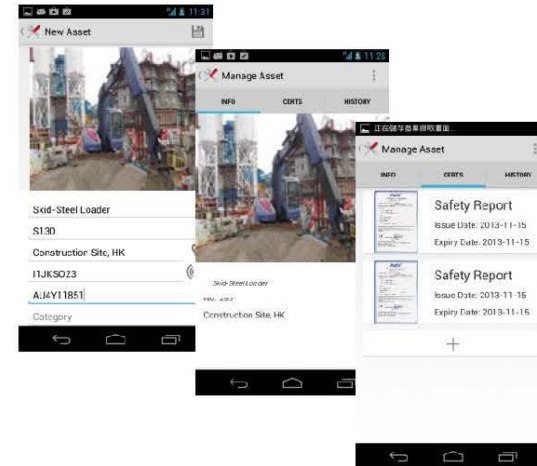
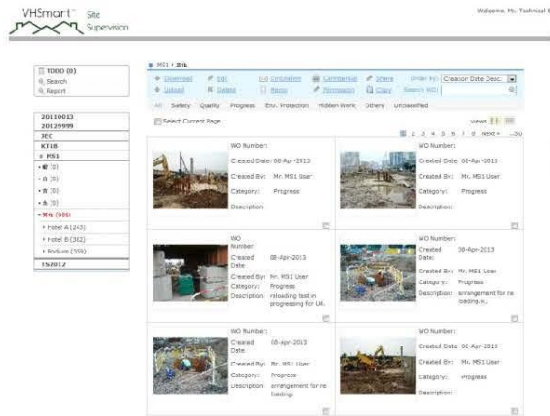
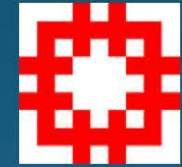
**Issue**

**Follow-up**

Hong Kong-Zhuhai-Macao Bridge  
The World's Longest Sea-Crossing



# VHSmart™ – Mobile Construction



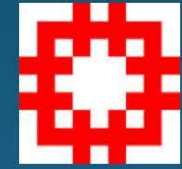
QR Code

## Mobile Site Inspection

## Asset Tracking Management



## Safety Spot Check & Training



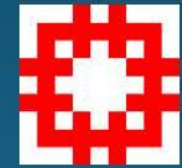
# Mobile Safety Spot Check, Attendance & Training

)))NFC)))





# VHSmart™ – Safety Spot Check



Spot-Check

Review Training Record

Review Incident Record



Record Worker's  
Unsafe Behaviors

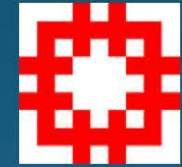


Provide Relevant  
Training Immediately



Increase Safety  
Awareness  
&  
Decrease Accident  
Rate

# VHSmart™ – Safety Spot Check



Training / Incident Logging

Image Capture

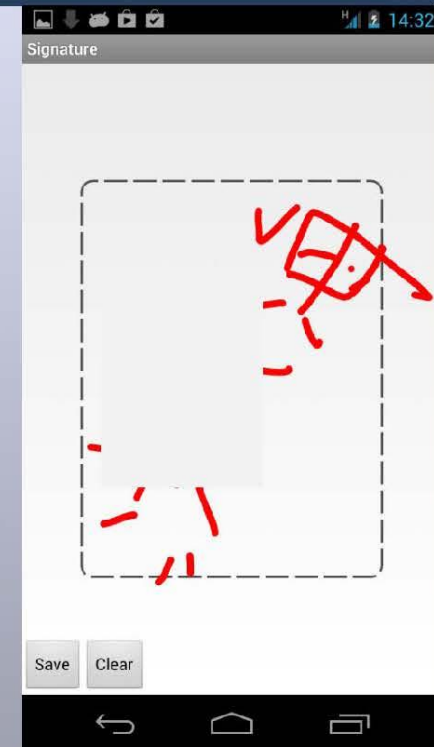
E-Signature



*Needless to bring  
safety manuals and  
training material to  
site*

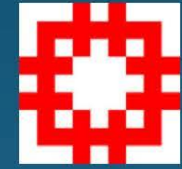


*Provide training to  
workers at anytime,  
anywhere*



*Ensure workers  
being well trained  
before works*



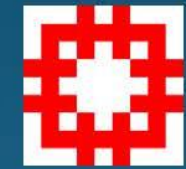


# Mobile Assets Tracking & Management System



QR Code

# VHSmart™ – Asset Tracking & Management System



Create Asset Record

Review Asset Record

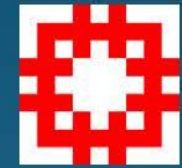


*On-Site Assets  
Registration*

*On-Site Renew  
Certificates*

*Review Logging  
History Instantly*

# VHSmart™ – Asset Tracking & Management System



Active Expiry Certificate Alert

Stop / Permit to Work

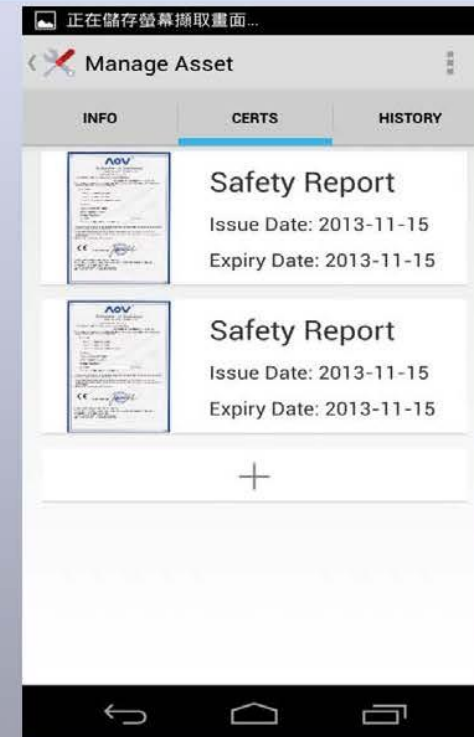
On-site Renew Certificate



*Active Alert for upcoming expiry date in permit or certificate*



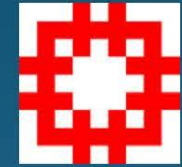
*Active Alert for Stop / Permit to work*



*Online Asset Report and Logging Report*



# VHSmart™ – Asset Tracking & Management System



## Asset Summary Report

Category	Type	Item	Asset ID	Asset Status	Brand	Model	S/N	Next Sched Maint Date	Project Code	Location
棚架	棚架	棚架	A-000016	正常		WC001	WC001			香港, 彩輝邨, 彩華樓, 910
棚架	棚架	棚架	A-000017	正常		SK	SK			香港, 彩輝邨, 彩華樓, 910
棚架	棚架	棚架	A-000018	正常		LY	LY			香港, 彩輝邨, 彩華樓, 910
棚架	棚架	棚架	A-000019	正常		LY	LY			香港, 彩輝邨, 彩華樓, 910
棚架	棚架	棚架	A-000020	正常		LY	LY			香港, 彩輝邨, 彩華樓, 910
棚架	棚架	棚架	A-000024	正常		00001	00001			青衣, 綠悠雅苑, 第一座
棚架	棚架	棚架	A-000025	正常						青衣, 綠悠雅苑, 第一座
棚架	棚架	棚架	A-000032	正常						香港, 彩輝邨, 彩華樓, 913, V391-2037-10004-00-EA
滅火筒	滅火筒	滅火筒	F-000002	正常						香港, 彩輝邨, -- Please Select Block ---, -- Please S
水務工程	Form 4	挖泥及泥土工程每週結果報告	W-000001	正常						香港, 彩輝邨, 彩華樓
滅火筒	滅火筒	滅火筒	F-000004	正常						香港, 彩輝邨, 彩華樓
水務工程	Form 4	挖泥及泥土工程每週結果報告	W-000002	正常						香港, 彩輝邨, 彩華樓
滅火筒	滅火筒	滅火筒	F-000005	正常						香港, 彩輝邨, 彩華樓
棚架	棚架	棚架	A-000033	正常						香港, 彩輝邨, 彩華樓
棚架	棚架	棚架	A-000034	正常						香港, 彩輝邨, 彩華樓
棚架	棚架	棚架	A-000035	正常						香港, 彩輝邨, 彩華樓

## Asset Summary Report

Asset Tracking Management System

Home Asset Maintenance Asset Report

### Asset Maintenance

Asset Category: 棚架  
Asset Type: 滅火筒  
Asset Item: 滅火筒  
Search by type:  Search

Search by location:  Search

Search by remark:  Search

Search by borrow duration:  Search

Search by borrow date:  to  Search

Search by expiration date:  to  Search

Print QR Tags

Photo	Asset Item	Asset ID	Vendor	Brand	Model	Serial	Holder	Location	Borrow Date	Borrow Duration	Status	Remark
	滅火筒	A-000016		WC001	WC001	admin		香港, 彩輝邨, 彩華樓, 910			正常	

## Dashboard



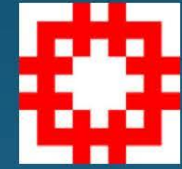
### Logs

Search by date:  to  Search

Export

Asset ID	Asset	Message	By	Location	Created At
A-000016	棚架	新增 "棚架"	王家發	香港, 彩輝邨, 彩華樓, 910	2/7/2014 10:23:03 AM
A-000016	棚架	檢查 "棚架"	王家發	香港, 彩輝邨, 彩華樓, 910	2/8/2014 9:29:30 AM
A-000016	棚架	新增文件 "檔紙"	王家發	香港, 彩輝邨, 彩華樓, 910	2/8/2014 9:36:14 AM
A-000017	棚架	新增 "棚架"	王家發	香港, 彩輝邨, 彩華樓, 910	2/8/2014 11:30:03 AM
A-000018	棚架	新增 "棚架"	王家發	香港, 彩輝邨, 彩華樓, 910	2/17/2014 10:51:38 AM
A-000019	棚架	新增 "棚架"	王家發	香港, 彩輝邨, 彩華樓, 910	2/17/2014 10:59:33 AM
A-000020	棚架	新增 "棚架"	王家發	香港, 彩輝邨, 彩華樓, 910	2/17/2014 11:36:07 AM
A-000019	棚架	檢查 "棚架"	王家發	香港, 彩輝邨, 彩華樓, 910	2/19/2014 11:17:47 AM
A-000019	棚架	新增文件 "檔紙"	王家發	香港, 彩輝邨, 彩華樓, 910	2/19/2014 11:20:11 AM
A-000019	棚架	檢查 "棚架"	劉成利	香港, 彩輝邨, 彩華樓, 910	2/19/2014 11:20:40 AM
A-000019	棚架	新增文件 "Inspection"	劉成利	香港, 彩輝邨, 彩華樓, 910	2/19/2014 11:25:17 AM
A-000019	棚架	檢查 "棚架"	李樹	香港, 彩輝邨, 彩華樓, 910	2/19/2014 11:24:20 AM
A-000016	棚架	檢查 "棚架"	Foreman A	香港, 彩輝邨, 彩華樓, 910	3/12/2014 8:11:46 PM
A-000016	棚架	檢查 "棚架"	Foreman A	香港, 彩輝邨, 彩華樓, 910	3/12/2014 8:15:57 PM

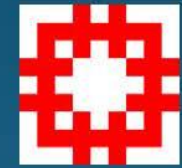
## Logs and Report



# Mobile Inspection



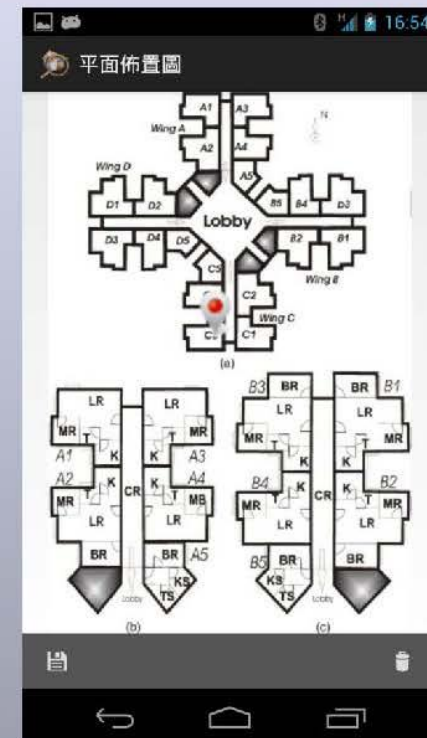
# VHSmart™ – Mobile Inspection



Create Inspection Task

Select Task

Select Location

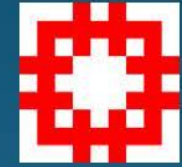


*Pre-define or self-define inspection form*

*Upload classified photos to Cloud Platform*



# VHSmart™ – Mobile Inspection



Input Inspection Detail

Create Annotation

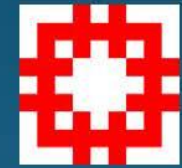
Create Voice Picture



*Take photo  
and  
annotate  
defects*

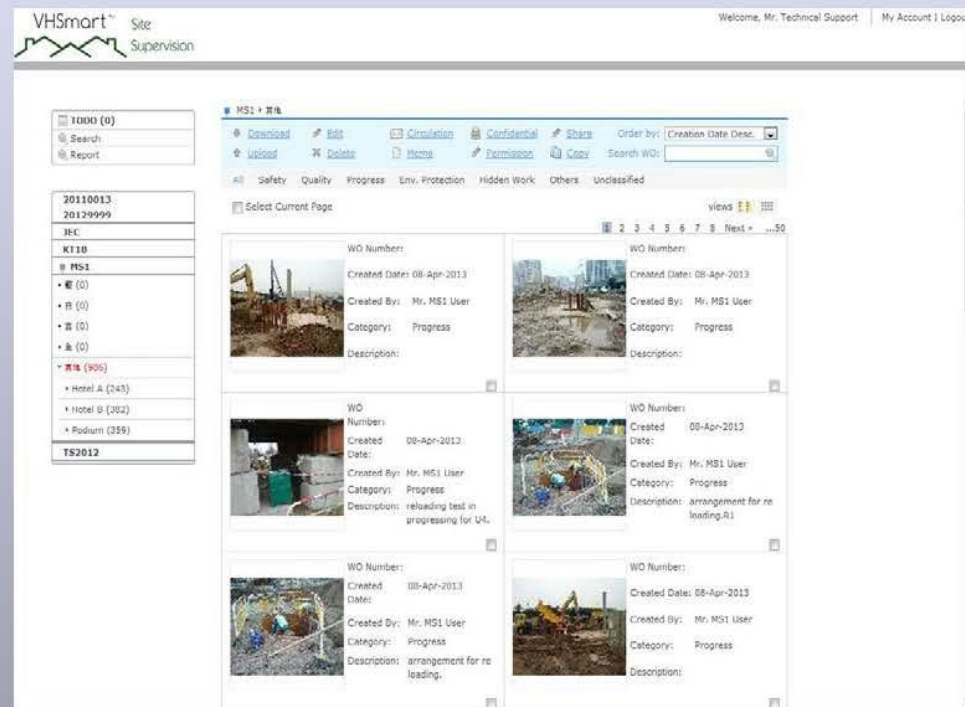
*Record  
Detail  
During  
Inspection*

# VHSmart™ – Mobile Inspection



Task Dispatch

Review Inspection Records and Summary

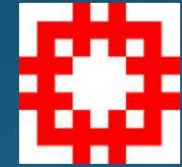


*Dispatch work order(s) to sub-contractor or worker*

*All inspection process mapping cloud platform seamlessly*

*Improve communication & efficiency.*

# VHSmart™ – Mobile Inspection



## Message Centre

Contract: Goodall Road Contract (20140228)	Job Name	Status	Item Count (Follow Up)	Create Date	Last Update Date
Location: 千禧匯5樓 0樓 Flat B	Defect Report FORM (執漏報告 表格)	In Progress	5 (4)	2014-02-11 00:48	-
Location: 千禧匯5樓 0樓 Flat C	Defect Report FORM (執漏報告 表格)	In Progress	2 (2)	2014-02-11 00:48	-
Location: 千禧匯5樓 0樓 Flat A	Defect Report FORM (執漏報告 表格)	In Progress	2 (1)	2014-02-11 00:48	-
Location: 千禧匯5樓 0樓 Lobby AND Stair	Defect Report FORM (執漏報告 表格)	Outstanding	4 (4)	2014-02-11 00:48	-

## Form Creator

Form Category: Defect Report (執漏報告) | Form Type: Progress Report (進度報告)

Form Item Category: Defect (執漏)

Form Item Value 基本資料

英文編碼	中文編碼	代表碼	顏色代表
Good	良好	G	Orange
Satisfactory	滿意	S	Green
Poor	欠佳	P	Purple
N.A.	N.A.	N.A.	Grey

## Inspection Records

VHSmart™ Site Supervision

Job Item 概況: Poor (欠佳) | 分類: 質量

檢查日期: 2014-02-14 03:49:08

備註: 房內有裂印

Dashboard

發送日期: 2014-02-14 03:59:41 發信人: Site Agent ONE 收信人: Site Agent TWO

發送日期: 2014-02-14 04:04:28 發信人: Site Agent TWO 收信人: Site Agent ONE

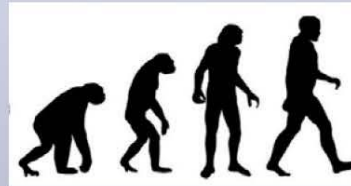
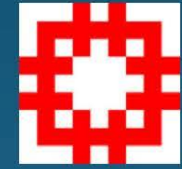
發送日期: 2014-02-14 04:10:25 發信人: Site Agent TWO 收信人: Site Agent ONE

發送日期: 2014-02-14 04:13:43 發信人: Site Agent ONE 收信人: Site Agent TWO

發送日期: 2014-02-14 04:13:43 發信人: Site Agent ONE 收信人: Site Agent TWO

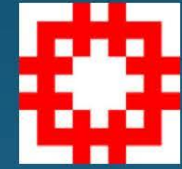


# Implementation Consideration



## *People v.s Technologies*

- *User Operation Change*
- *User Behavior Change*
- *Instant Communication is not enough*



**Thank You**  
**Q & A**