



**HPH**

**WCO IT Conference**

**Seattle**

**13 May 2011**

**John Kok**

# Hutchison Whampoa Limited

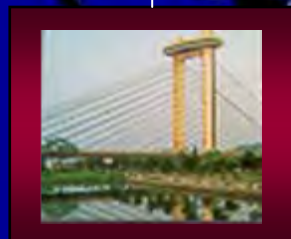


2010

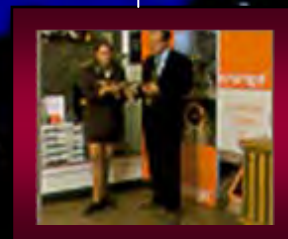
Revenue = HK\$ 325.9 billion  
(approx. US\$ 41.8 billion)



Property &  
Hotels



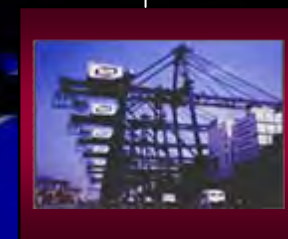
Energy,  
Infrastructure,  
Finance &  
Investments



Telecommunications



Retail



Ports & Related  
Services

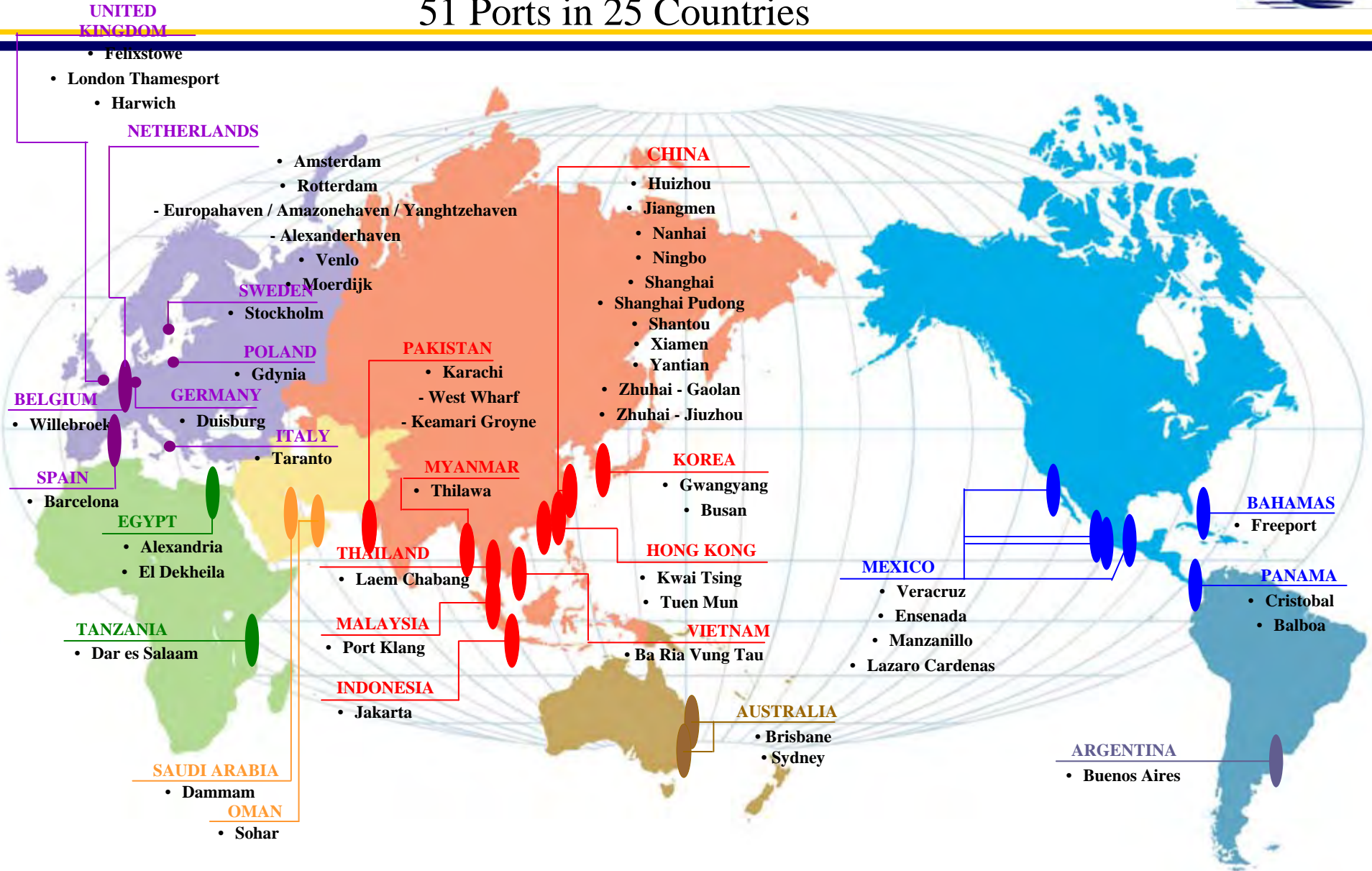
Revenue HK\$37.7b (US\$ 4.8 b)

EBIT HK\$11.6b (US\$ 1.5 b)

Throughput = 75 m TEU

# The World of HPH

## 51 Ports in 25 Countries





# Maritime Port Systems



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# Supply Chain INTEGRITY

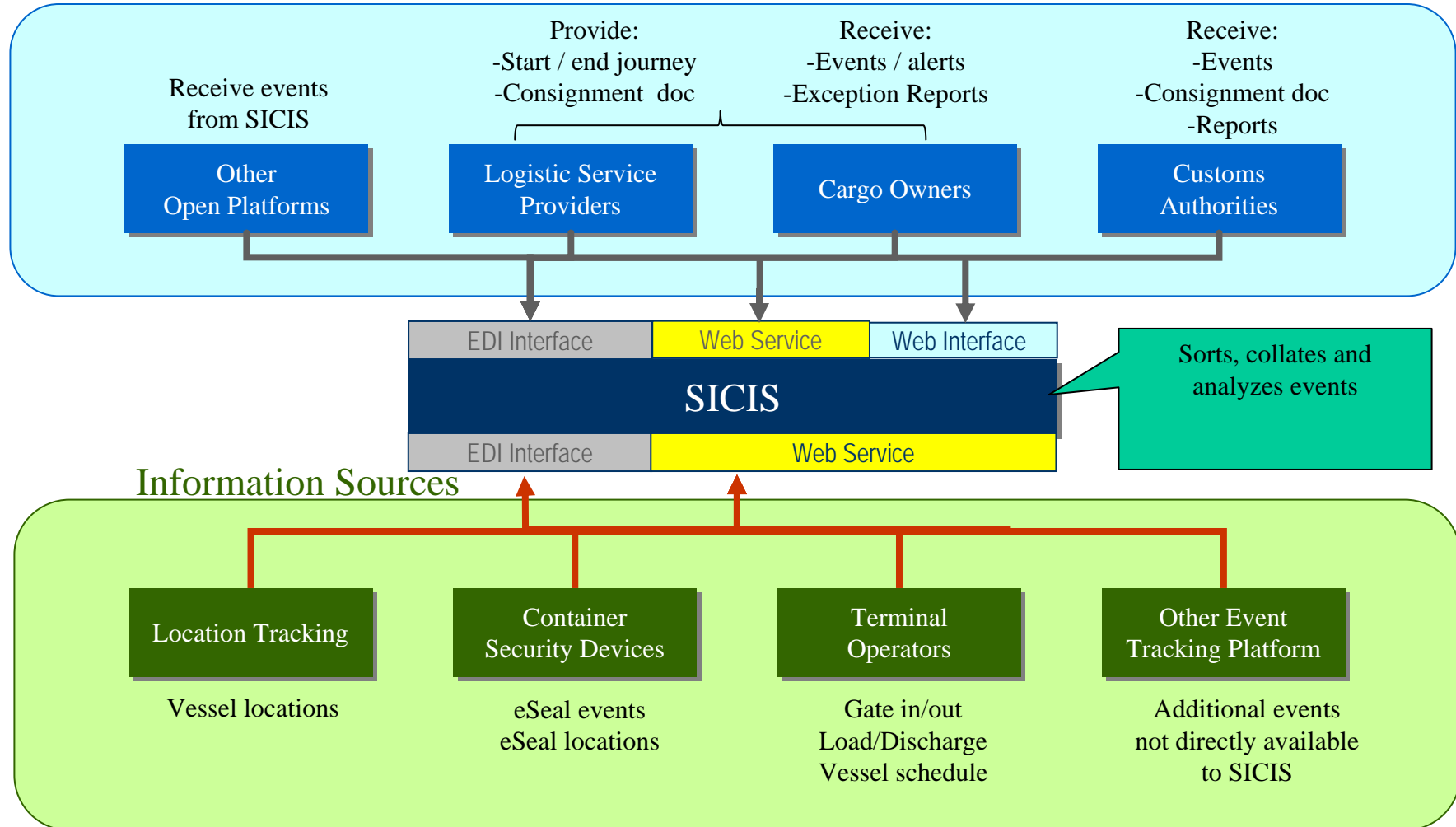
# The INTEGRITY Project Consortium



# SICIS – An Integrated Information Pipeline



## SICIS Users



# E-seal/CSD deployment - CIMC



eSeal Base

eSeal Bolt

eSeal Nut

eSeal

Model: eSeal-RF-I(CSD-I)

Parts: eSeal Base, eSeal Bolt, eSeal Nut



**STEP 1:**

Put the eSeal base along the container handle.



**STEP 2:**

Insert the eSeal bolt into the eSeal base through the container seal hole.



**STEP 3:**

Check the eSeal working or not through the LED light sparkling or not.



**STEP 4:**

Lock the eSeal bolt using the nut of eSeal bolt from the bottom.

**STEPS to Lock Container**



# E-seal/CSD deployment - CIMC



**STEPS to Check eSeals  
at every checking point**

**STEP 3: Upload data to background  
system via press 'Upload' button**



**STEP 1: Reader  
Scanning the eSeal.**



**STEP 2: Binding  
Container ID and  
Shipment Number  
via 'Binding' button  
(if any)**

# E-seal/CSD deployment – Long Sun



# Scanner deployment - Nuctech



盐田国际集装箱码头

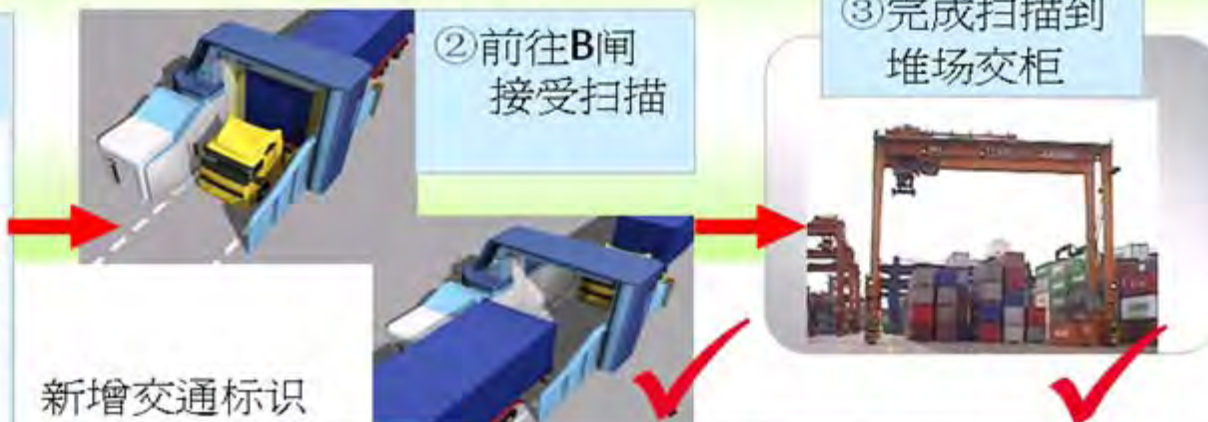
## 快速扫描流程指引

盐田国际为了配合海关实施风险分类管理,于2009年2月开始启用FS3000快速扫描系统。查验流程如下:

①司机接到有如下提示的“飞仔”

YICT 270605  
11/12/08  
CMA 13:37:19  
ANDU 1234567 XF-G  
45 32 -18.C 18000kg  
8H-04-6 OUT:YICT  
GDB25526  
A.P MOLLER 0902  
USLAX/USLAX  
FA  
fest  
请从西港出闸

请通过快速扫描器后才进入堆场



新增交通标识

扫描车道  
切勿停车



安全驾驶  
车距至少3米



扫描车道  
严禁超速



查询请致电:25180000

# Scanner deployment - Nuctech



## ◆ 辅助性查验工具

- ◆ 按海关要求安排出入口集装箱进行扫描
- ◆ 供应海关单位扫描图象作为通关参考

特点:

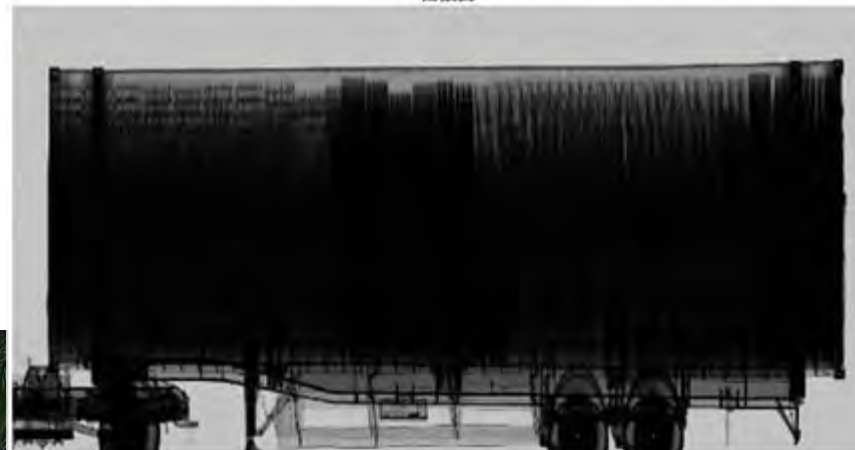
- 北京同方威视技术股份有限公司提供
  - 通过式的大型集装箱扫描系统,
  - 正常情况每小时可过机120个箱



流水号	集装箱号	扫描时间
86755FS01200906100218	CBHU8480145	2009/6/10 20:02:17

日志信息				
图检	检验员	结束时间	结论	结论信息
图像检查(港口)	20644	2009/6/10 20:04:41	图像质量合格	

扫描图



照片

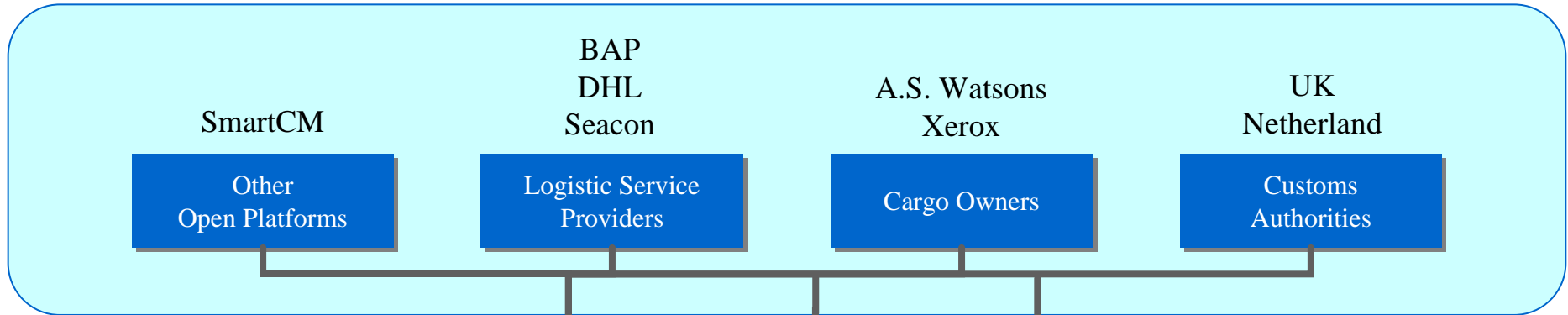


返回

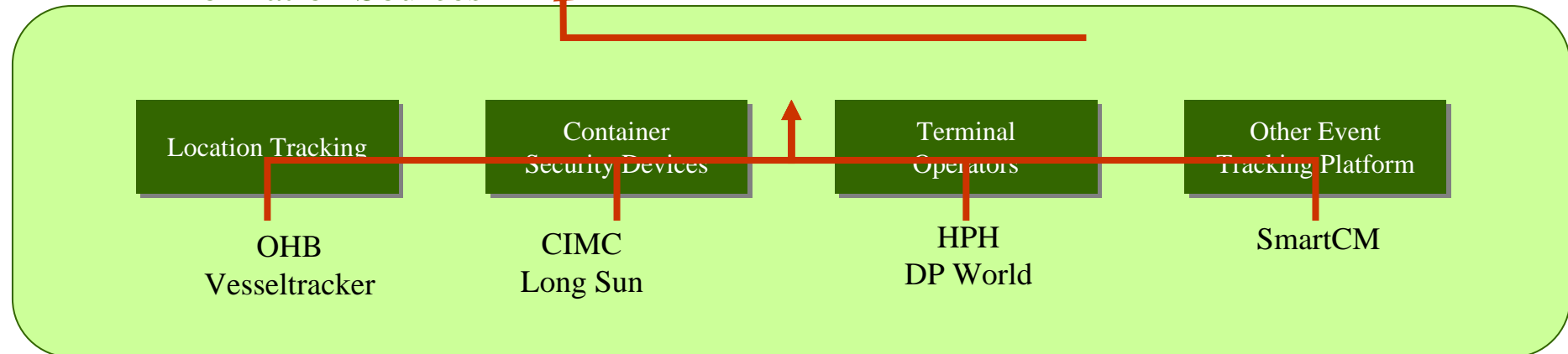
# SICIS – Open Platform Connectivity



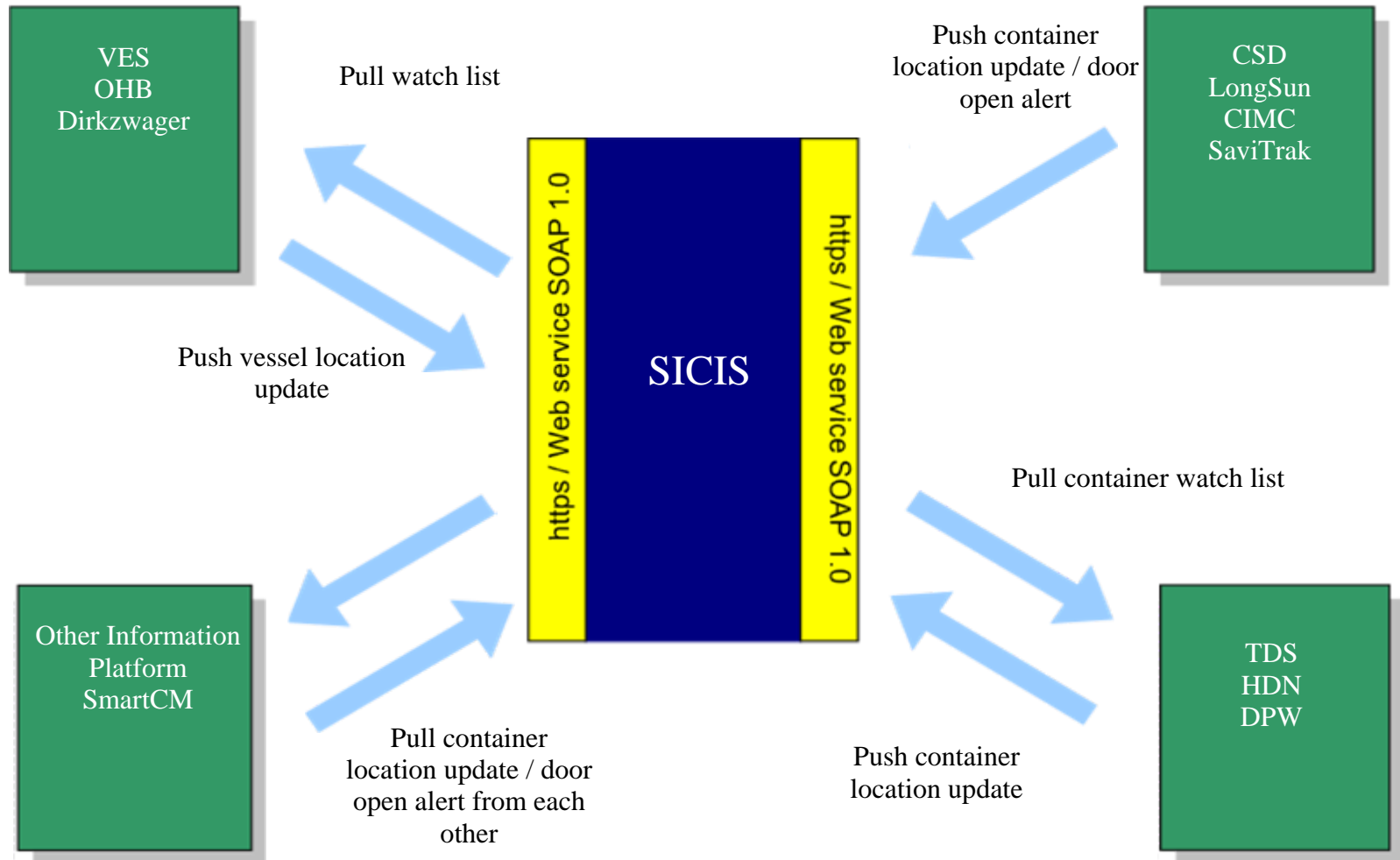
## SICIS Users



## Information Sources



# SICIS – External Systems Interfacing



# SICIS Mobile Version



- SICIS have mobile version for Smart Phone access (e.g. iPhone, HTC, Android)



# SICIS Mobile Version – Start Container Movement



The screenshot shows the SICIS Mobile application interface on a mobile device. The status bar at the top displays signal strength (3 bars), Wi-Fi, the time 19:21, and battery level. The app title is "SICIS Mobile". Below the title is a search bar with the URL "www.uat.integrity-sup..." and a "Google" button. A navigation bar contains links: "Begin Journey | End Journey | Logout" and "Start Container Movement | Events | Edit".

The main form is titled "\*Required Information" and contains the following fields:

- \*Container No. (empty)
- \*Event Code (Dropdown menu: "Choosing Container / Update Tracking")
- Event Location (Text field: "ST. LOC. 34")
- External Customer Code (Text field: "DHL-SCM")
- \*TradeLine Template (Dropdown menu: "SMARTCMDHL-ZZZ")
- \*SJ Date Time (Text field: "20-10-2010 10:30")
- Device No. (Text field: "90000000001065")
- Latitude (Text field: "42.34")
- Longitude (Text field: "-71.00")
- Security Status (Dropdown menu: "Secure")
- Seal No. (Text field)
- eSeal No. (Text field)
- Container Size (Text field)
- Terminal Inventory Reference (Text field)
- Container Comments (Text field)
- Consignment Reference Number (Dropdown menu: "-- Please Select --")
- Document Type (Text field)
- Reference Number (Text field)

At the bottom of the form are "OK" and "Cancel" buttons. The device's home indicator bar is visible at the very bottom, showing navigation icons and a page number "8".



# SICIS Mobile Version – Complete Container Movement



3 19:22

**\* Container No.** SAVI2910102

**\* Event Code** Container Opening / end Journey

**Event Location** Test location 1 ...

**Internal Customer Code** DHL-SCM

**\* EJ Date Time** 23-10-2010 12:01

**Device No.** DEVS292

**Latitude**

**Longitude**

**Security Status** -- Please Select --

**Seal No.**

**eSeal No.**

**Container Size**

**Internal Inventory Reference** SAVI2910102\_SEQ007

OK Cancel

◀ ▶ + 📖 8

# SICIS Mobile Version – Container Enquiry



Container Enquiry

On Behalf of Company: -- Please Select --

Container No.:

Display Date Time Type: GMT Time

Sub Template: -- Please Select --

Template Type: -- Please Select --

Trip Startup:

Last Event:

Container Size:

Country Code:

**Container Movement List**

Active Container | Completed Container | All Container

	TLO	Master Template	Sub Template	Template Type	Container No.	Trip Startup	Last Report	Port Disc
1	BA TLO	900 Factory	YCIT to ECT	Standard	<a href="#">BAFU1001</a>	17-10-2010 13:27	17-10-2010 13:27	
2	multi tlo	BA Template 1	1	Standard	<a href="#">TICK21</a>	05-07-2010 02:21	05-07-2010 02:21	
3	BOOTS	BOOTS M1	ROUTE 11	Standard	<a href="#">YICTR4MT025</a>	28-06-2010 07:38	28-06-2010 07:38	
4	BOOTS	BOOTS M1	ROUTE 11	Standard	<a href="#">YICTR4MT021</a>	28-06-2010 07:38	08-07-2010 03:19	
5	BOOTS	BOOTS M1	ROUTE 11	Standard	<a href="#">YICTR4MT024</a>	28-06-2010 07:38	28-06-2010 07:38	

www.sicis.integrity-su... Google

End Journey | Container Enquiry | Logout

enquiry - Container Detail

**Container Location**

Map showing container location with red markers in Europe and China. The map includes labels for various countries and regions such as Suomi Finland, Sverige Sweden, Norge Norway, Polen Poland, Deutschland Germany, Italia Italy, Yrkpaia Ukraine, Kazakistan, Mongolia, Россия Russia, S. Korea, Japan, China, India, Thailand, Indonesia, and Australia.

Previous Container | Next Container Detail | Back



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# Consignment Data

# SICIS – Consignment Data – Customs Screen



**Container Enquiry - Container Detail** AQ002

[Container Detail](#)
[Vessel Events](#)
[Container Location](#)
[Consignment Tracking](#)
[Exception Reporting](#)

Container No.

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**Consignment Tracking**

▼ **Parties Involved**

Role	Role Category	Company Code	Company Name
1 Consolidator (export side)	Origin	CARGO_SERV_HK	<a href="#">Cargo Services Far East Limited (Hong Kong)</a>
2 Terminal operator	Origin	HKHIT	<a href="#">Hongkong International Terminal</a>
3 Terminal operator	Destination	FDRC	<a href="#">Felixstowe Dock and Railway Co.</a>
4 Logistics service provider (import side)	Destination	BAP	<a href="#">BAP Logistics Ltd</a>
5 Forwarder	Destination	ALLPORT_UK	<a href="#">Allport Ltd</a>

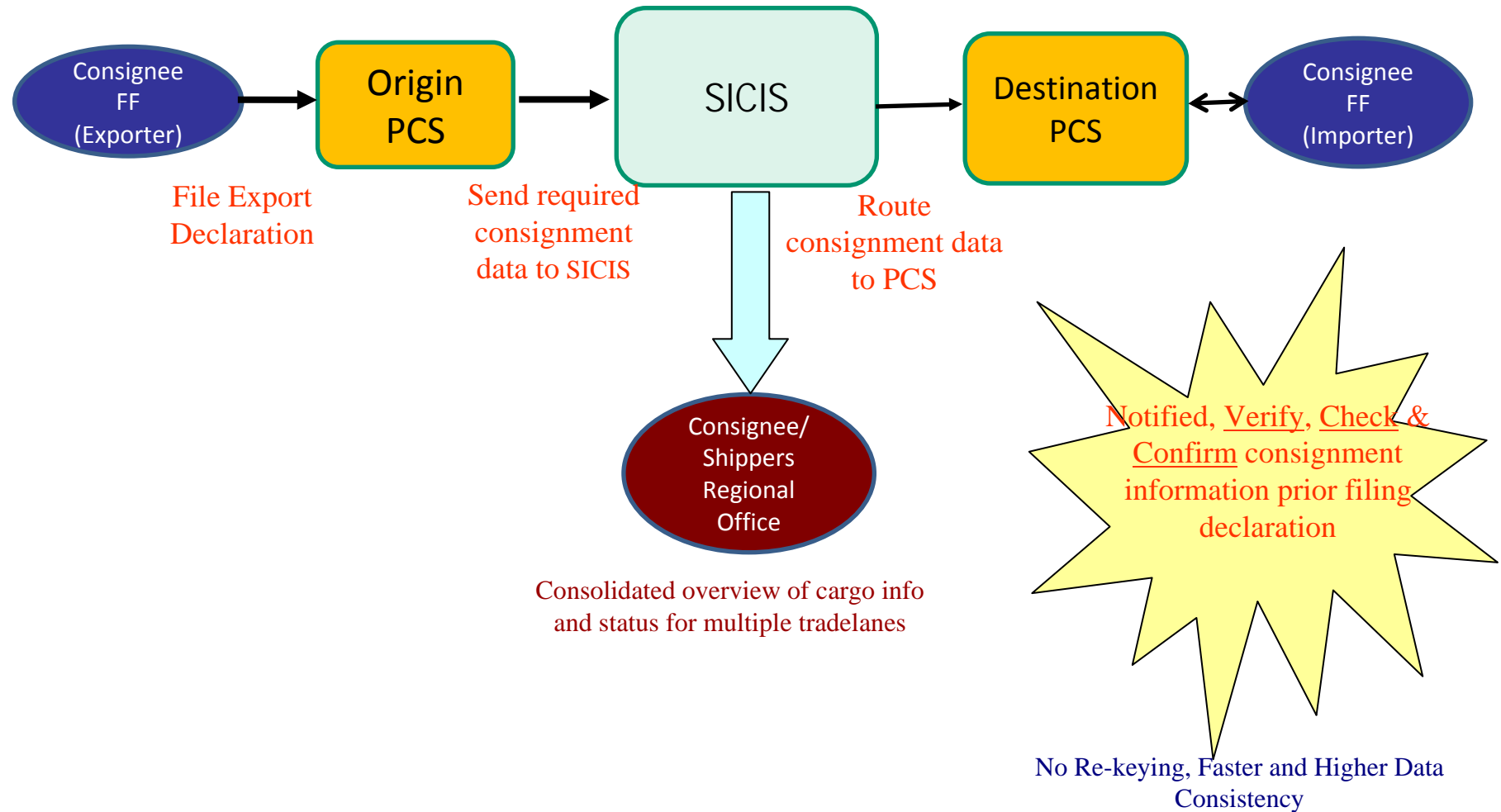
▼ **Cargo Detail**

Consignment Reference No.	Company Name	Document Type	File
	BAP Logistics Ltd	PL	<a href="#">MEDU2159437.pdf</a>

▼ **Tracking Summary**

Role	Role Category	Date	Time	Event	Location
		06-10-2010	14:00	Estimated Time Arrival	Felixstowe - Trinity
Terminal operator	Origin	09-09-2010	15:33	Depart	HIT Terminal 9
Terminal operator	Origin	09-09-2010	15:03	Container or Vessel Event Location	HIT Terminal 9
		09-09-2010	14:45	Actual Time Departure	HIT Terminal 9
Terminal operator	Origin	09-09-2010	10:38	Loading	HIT Terminal 9
Terminal operator	Origin	07-09-2010	09:03	Arrival	HIT Terminal 9
Terminal operator	Origin	07-09-2010	09:03	Container or Vessel Event Location	HIT Terminal 9
Terminal operator	Origin	07-09-2010	08:59	Gate In	HIT Terminal 9
Consolidator (export side)	Origin	07-09-2010	08:33	Depart	CARGO SERVICE HKG WAREHOUSE
Consolidator (export side)	Origin	07-09-2010	08:33	Container or Vessel Event Location	CARGO SERVICE HKG WAREHOUSE
Consolidator (export side)	Origin	07-09-2010	08:18	Container or Vessel Event Location	CARGO SERVICE HKG WAREHOUSE
Consolidator (export side)	Origin	07-09-2010	08:10	Close Container, Initiate Tracking	CARGO SERVICE HKG WAREHOUSE

# A service example – Alternative Cargo Declaration





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## INTEGRITY – the movie

<http://www.youtube.com/watch?v=veZeivbO6N0>



**HPH**

## **Our Mission**

To be the global market leader in port development,  
operations, and logistics services