WCO IT Conference
Seattle
13 May 2011
John Kok
Hutchison Whampoa Limited

2010
Revenue = HK$ 325.9 billion
(approx. US$ 41.8 billion)

Throughput = 75 m TEU

http://www.hutchison-whampoa.com/eng/investor/annual/annual.htm
The World of HPH
51 Ports in 25 Countries
Maritime Port Systems
Supply Chain INTEGRITY
The INTEGRITY Project Consortium

ISL
Coordinator

HPH
Port of Felixstowe

DHL

SEACON LOGISTICS

ECT
Europe Container Terminals

XEROX

RSM
ERASMUS UNIVERSITY

Yantian International Container Terminals

A.S. Watson Group

OHB Teledata

Trimodal Container Terminal Venlo

De Ce Te

Ministerie van Financiën

HM Revenue & Customs

B&A LOGISTICS
SICIS – An Integrated Information Pipeline

SICIS Users

Receive events from SICIS

- Other Open Platforms
- Logistic Service Providers
- Cargo Owners
- Customs Authorities

Provide:
- Start / end journey
- Consignment doc

Receive:
- Events / alerts
- Exception Reports

Receive:
- Events
- Consignment doc
- Reports

Information Sources

- Location Tracking
  - Vessel locations
- Container Security Devices
  - eSeal events
  - eSeal locations
- Terminal Operators
  - Gate in/out
  - Load/Discharge
  - Vessel schedule
- Other Event Tracking Platform
  - Additional events
  - not directly available to SICIS

Sorts, collates and analyzes events
**E-seal/CSD deployment - CIMC**

**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.
E-seal/CSD deployment - CIMC

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

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

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

**Steps to Check eSeals at every checking point:**
- Reader Scanning the eSeal.
- Binding Container ID and Shipment Number via 'Binding' button (if any).
- Upload data to background system via 'Upload' button.
E-seal/CSD deployment – Long Sun
Scanner deployment - Nuctech

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
   test
   请从西港出闸
   请通过快速扫描器后才进入堆场

2. 前往B闸接受扫描

3. 完成扫描到堆场交柜

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
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
SICIS – Open Platform Connectivity

SICIS Users

- SmartCM
- Other Open Platforms
- BAP
- DHL
- Seacon
- Logistic Service Providers
- A.S. Watsons
- Xerox
- Cargo Owners
- UK
- Netherland
- Customs Authorities

Information Sources

- Location Tracking
- Container Security Devices
- Terminal Operators
- Other Event Tracking Platform
- OHB
- Vesseltracker
- CIMC
- Long Sun
- HPH
- DP World
- SmartCM
SICIS – External Systems Interfacing

VES
OHB
Dirkzwager

Push vessel location update

Pull watch list

SICIS

https / Web service SOAP 1.0

Push container location update / door open alert from each other

CSD
LongSun
CIMC
SaviTrak

Pull container watch list

Other Information Platform
SmartCM

Pull container location update / door open alert

TDS
HDN
DPW

Push container location update
SICIS have mobile version for Smart Phone access (e.g. iPhone, HTC, Android)
SICIS Mobile Version – Container Enquiry
Consignment Data
### SICIS – Consignment Data – Customs Screen

**Consignment Tracking**

**Parties Involved**

<table>
<thead>
<tr>
<th>Role</th>
<th>Role Category</th>
<th>Company Code</th>
<th>Company Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consolidator (export side)</td>
<td>Origin</td>
<td>CARGO_SERV_HK</td>
<td>Cargo Services Far East Limited (Hong Kong)</td>
</tr>
<tr>
<td>Terminal operator</td>
<td>Origin</td>
<td>HKHIT</td>
<td>Honkong International Terminal</td>
</tr>
<tr>
<td>Terminal operator</td>
<td>Destination</td>
<td>FDRC</td>
<td>Felixstowe Dock and Railway Co.</td>
</tr>
<tr>
<td>Logistics service provider</td>
<td>Destination</td>
<td>BAP</td>
<td>BAP Logistics Ltd</td>
</tr>
<tr>
<td>Forwarder</td>
<td>Destination</td>
<td>ALLPORT_UK</td>
<td>Allport Ltd</td>
</tr>
</tbody>
</table>

**Cargo Detail**

<table>
<thead>
<tr>
<th>Consignment Reference No.</th>
<th>Company Name</th>
<th>Document Type</th>
<th>File</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>BAP Logistics Ltd</td>
<td>PL</td>
<td>MEDU2159437.pdf</td>
</tr>
</tbody>
</table>

**Tracking Summary**

<table>
<thead>
<tr>
<th>Role</th>
<th>Role Category</th>
<th>Date</th>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terminal operator</td>
<td>Origin</td>
<td>09-09-2010</td>
<td>15:33</td>
<td>Depart</td>
<td>HIT Terminal 9</td>
</tr>
<tr>
<td>Terminal operator</td>
<td>Origin</td>
<td>09-09-2010</td>
<td>15:03</td>
<td>Container or Vessel Event Location</td>
<td>HIT Terminal 9</td>
</tr>
<tr>
<td>Terminal operator</td>
<td>Origin</td>
<td>09-09-2010</td>
<td>14:45</td>
<td>Actual Time Departure</td>
<td>HIT Terminal 9</td>
</tr>
<tr>
<td>Terminal operator</td>
<td>Origin</td>
<td>09-09-2010</td>
<td>10:38</td>
<td>Loading</td>
<td>HIT Terminal 9</td>
</tr>
<tr>
<td>Terminal operator</td>
<td>Origin</td>
<td>07-09-2010</td>
<td>09:03</td>
<td>Arrival</td>
<td>HIT Terminal 9</td>
</tr>
<tr>
<td>Terminal operator</td>
<td>Origin</td>
<td>07-09-2010</td>
<td>09:03</td>
<td>Container or Vessel Event Location</td>
<td>HIT Terminal 9</td>
</tr>
<tr>
<td>Terminal operator</td>
<td>Origin</td>
<td>07-09-2010</td>
<td>08:59</td>
<td>Gate In</td>
<td>HIT Terminal 9</td>
</tr>
<tr>
<td>Consolidator (export side)</td>
<td>Origin</td>
<td>07-09-2010</td>
<td>08:33</td>
<td>Depart</td>
<td>CARGO SERVICE HKG WAREHOUSE</td>
</tr>
<tr>
<td>Consolidator (export side)</td>
<td>Origin</td>
<td>07-09-2010</td>
<td>08:33</td>
<td>Container or Vessel Event Location</td>
<td>CARGO SERVICE HKG WAREHOUSE</td>
</tr>
<tr>
<td>Consolidator (export side)</td>
<td>Origin</td>
<td>07-09-2010</td>
<td>08:18</td>
<td>Container or Vessel Event Location</td>
<td>CARGO SERVICE HKG WAREHOUSE</td>
</tr>
<tr>
<td>Consolidator (export side)</td>
<td>Origin</td>
<td>07-09-2010</td>
<td>08:10</td>
<td>Close Container, Initiate Tracking</td>
<td>CARGO SERVICE HKG WAREHOUSE</td>
</tr>
</tbody>
</table>
A service example – Alternative Cargo Declaration

Consignee
FF (Exporter)

File Export Declaration

Origin
PCS

Send required consignment data to SICIS

SICIS

Route consignment data to PCS

Consignee/
Shippers
Regional
Office

Notified, Verify, Check & Confirm consignment information prior filing declaration

Consolidated overview of cargo info and status for multiple tradelanes

No Re-keying, Faster and Higher Data Consistency

Destination
PCS

Consignee
FF (Importer)
INTEGRITY – the movie

http://www.youtube.com/watch?v=veZeivbO6N0
Our Mission

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