



Safeguards to Secure the Integrity of Container Movements in the Transport Chain



Concepts of Containerized Cargo Security



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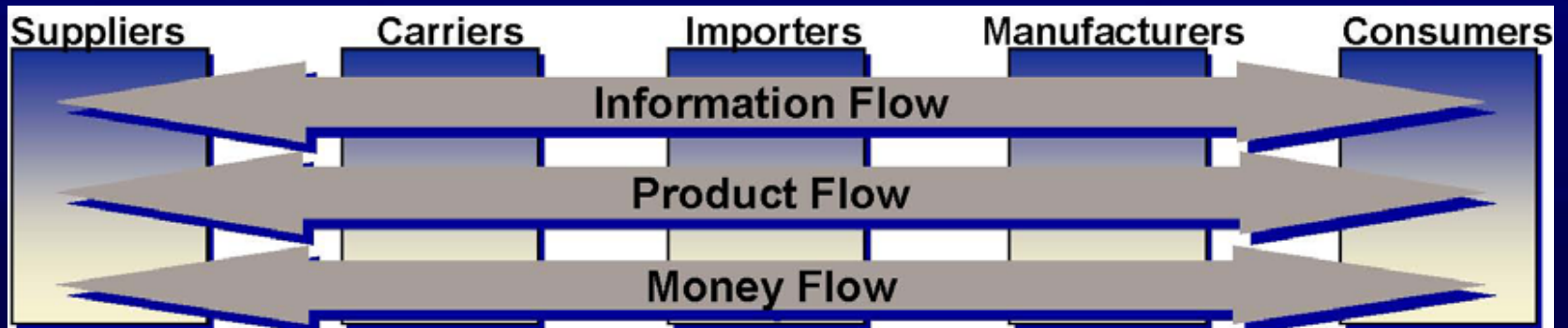
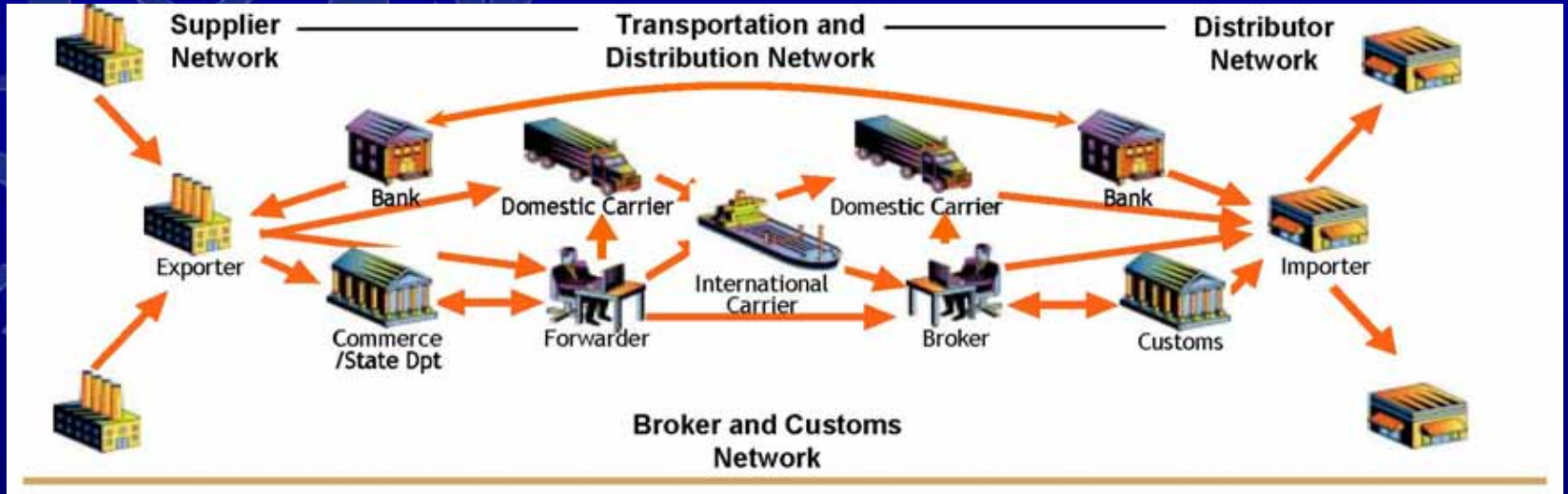


Scope

- **Concepts of Containerized Cargo Security**
- **Threats to Containerized Cargo**
- **Methodology Employed by Perpetrators**
- **Complex Interplay of Agencies in the Supply Chain**



Complex Interplay of Agencies in the International Supply Chain



Regulatory Guidance concerning Container Security



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Scope

- ❖ **Regulatory Guidance concerning Container Security**
- ❖ **WCO Framework of Standards**
- ❖ **Kyoto Convention**
- ❖ **WCO-IMO MOU**



Scope

- ❖ **ICAO work on Security and Facilitation (FAL) of the International Supply Chain (Apr 2004)**
- ❖ **Custom–Trade Partnership Against Terrorism (C-TPAT)**
- ❖ **Container Security Initiative (CSI)**





CUSTOMS - TRADE
PARTNERSHIP AGAINST TERRORISM



*In recognition of your commitment to partnership,
and in appreciation for joining with us to secure
the international supply chain and protect our country's security,*

U.S. Customs and Border Protection

is pleased to certify your membership in the

CTPAT
***Customs - Trade
Partnership Against Terrorism***

and to present this certificate to

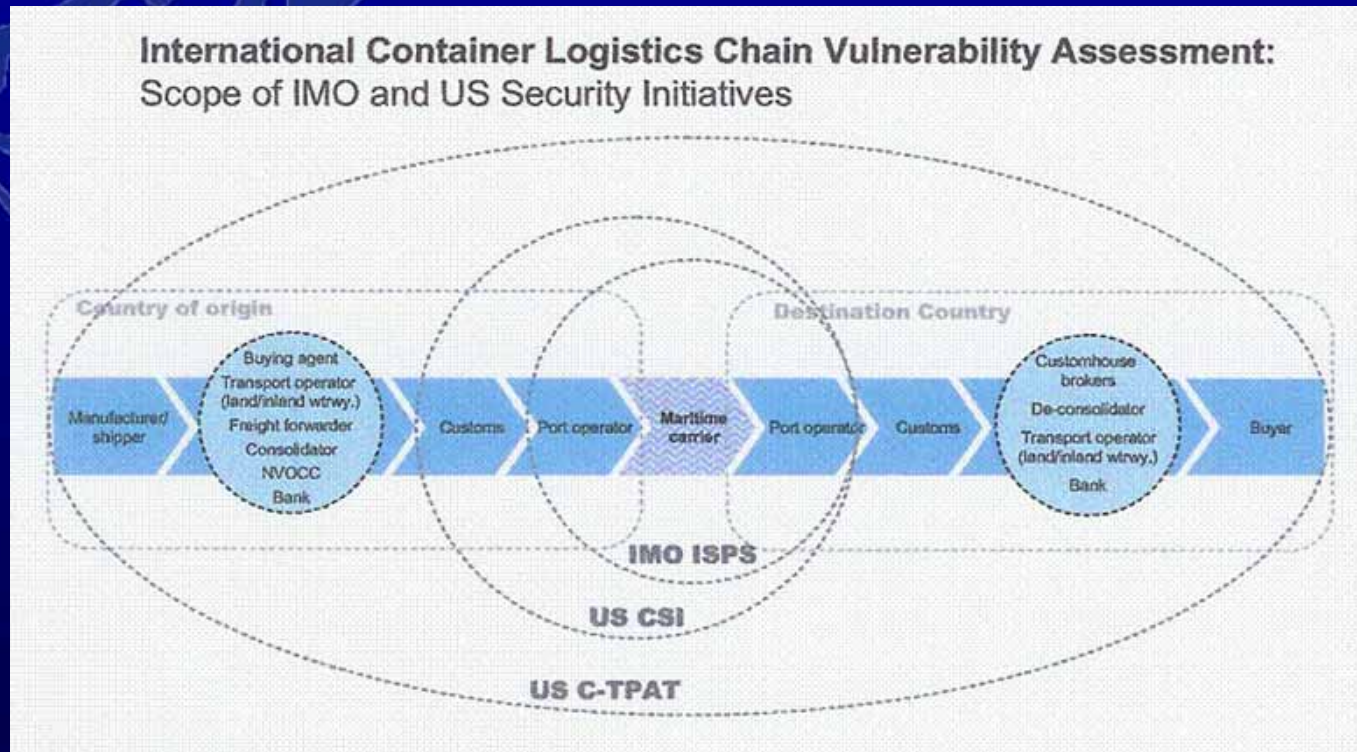
BOC International, Inc.

During the month of May, 2003
at Washington, D.C.

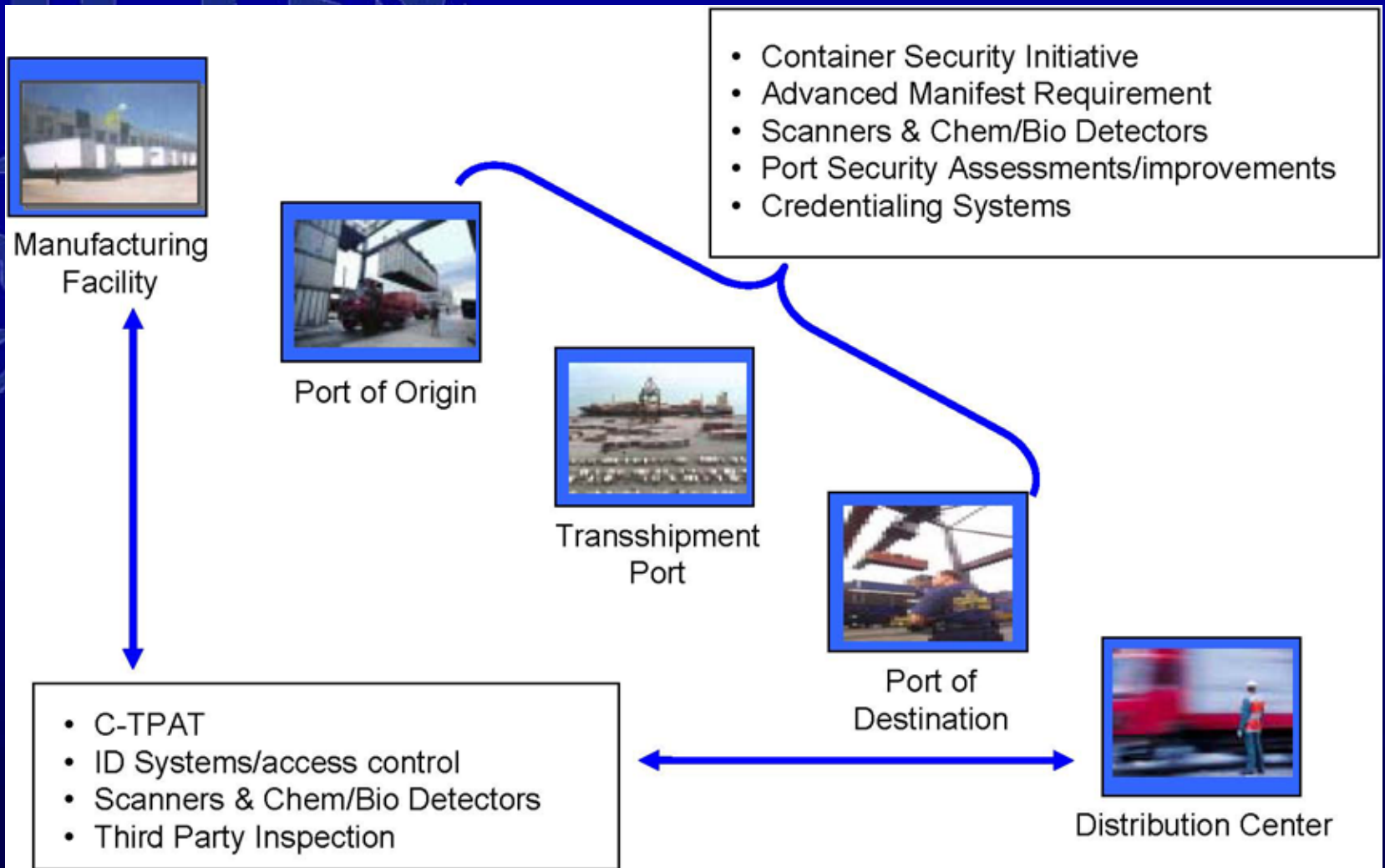

Commissioner



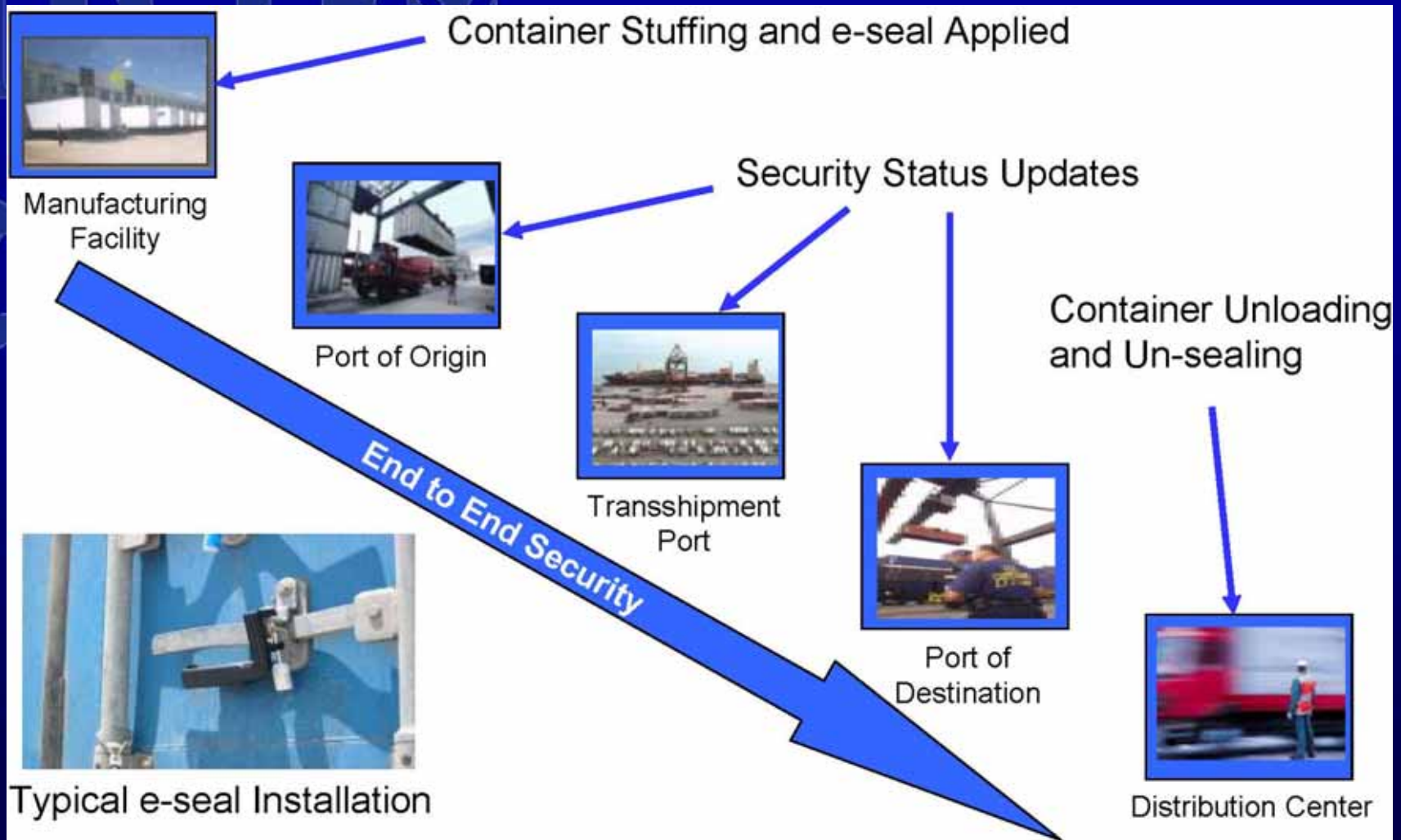
In the aftermath of the 911 tragedy, and with the introduction of the ISPS Code and other non-mandatory national security programmes to-date, the entire container supply chain concept from the maritime perspective can best be summed in the diagram below.



Overview of Impact on Security of Cargo Movements



Securing the Transportation Chain of Containerised Cargo



Roles and Responsibilities of Tripartite Partnership



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Scope

- ❖ **Roles and Responsibilities among the Tripartite Partnership**
 - ❖ **Government**
 - ❖ **Employer**
 - ❖ **Employees**





Operational & Technological Measures



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Scope

- ❖ **Operational Measures**
 - ❖ **Policy, Procedures, and Guidelines**
 - ❖ **Collection and Dissemination of Data**
 - ❖ **Coordination and Cooperation**
 - ❖ **Personnel Issues**
 - ❖ **Security Staff**
 - ❖ **Identification System**



Scope

- ❖ **Operational Measures**
 - ❖ **Facility Access Control Measures**
 - ❖ **Fencing**
 - ❖ **Gates**
 - ❖ **Doors and Windows**
 - ❖ **Locks and Key Control**
 - ❖ **Automated Gate House Facilities**
 - ❖ **Parking Areas**
 - ❖ **Lightings**



Scope

- ❖ **Technological Measures**
 - ❖ **Electronic Seals**
 - ❖ **Smart Containers**
 - ❖ **C-CATS**
 - ❖ **RFID**

