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Organization for Security and Co-operation in Europe
Secretariat

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Conference Services

The 16th Meeting of the OSCE Economic and Environmental Forum

"Maritime and inland waterways co-operation in the OSCE area: Increasing security and protecting the environment"

Part 2 / Prague, 19 – 21 May 2008

Plenary Session III
Acting together in addressing multifaceted aspects of maritime and inland waterways security

Please find attached the presentation by Mr. Hans-Michael Dietmar, Corporate Product Manager Sea Freight, Schenker AG, Germany.

Maritime Security

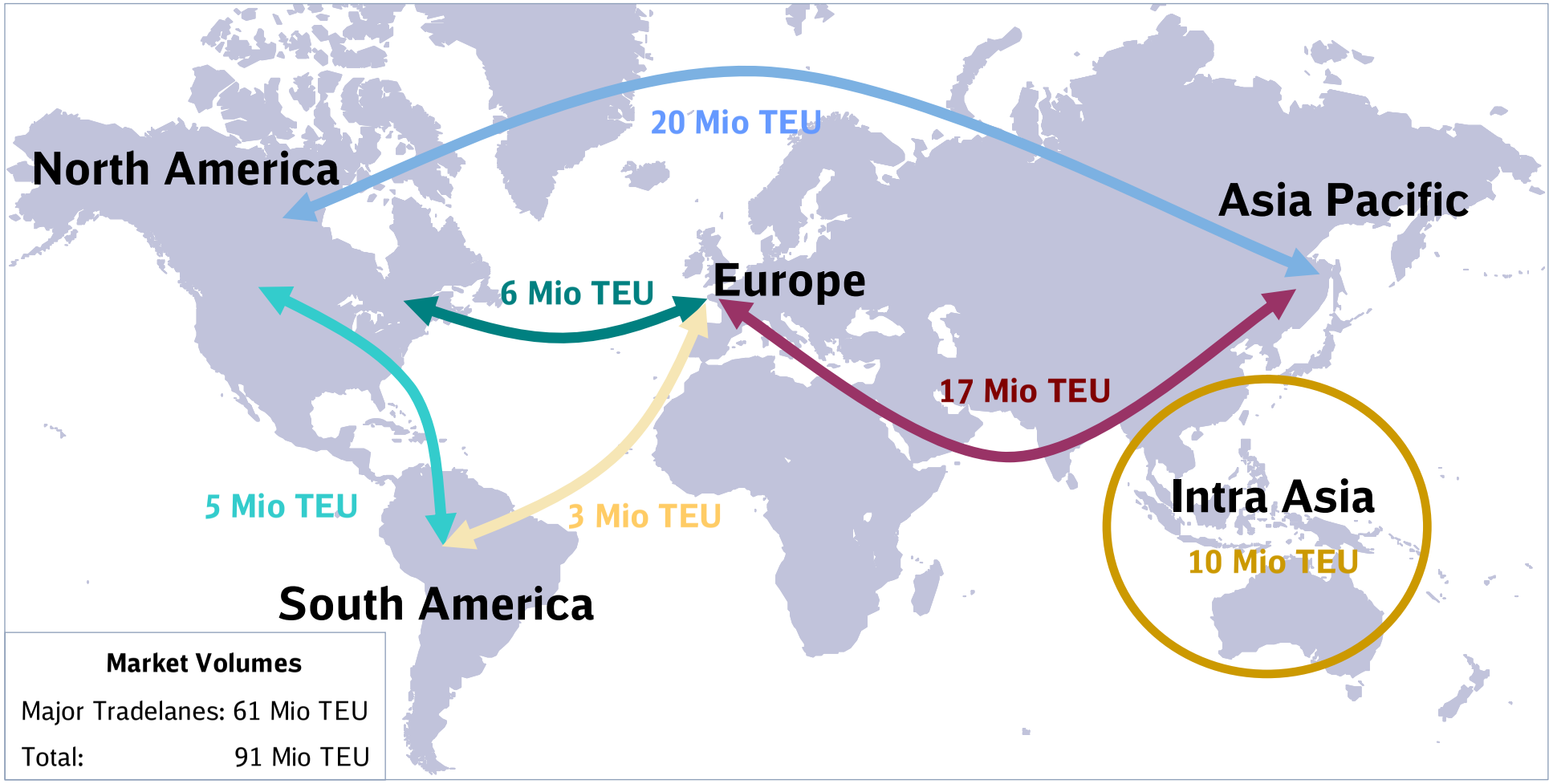
OSCE

Economic and Environmental Forum

Hans-Michael Dietmar – Schenker AG

Prague, 20 May 2008

Globalization



Source: CI 2006/2007

Schenker*Ocean* Security

Equipment

- Vessel Security pursued though the ISPS Code, applicable to 50.000 vessels and 1.500 port facilities globally

Facilities

- Commitments in initiatives like C-TPAT, TAPA-FSR and ISPS

Security-Procedures

People

- Personal vetting within the industry and identification cards (e.g. TWIC, Transport Worker Identification Cards), access requirements based on TAPA, ISPS and C-TPAT

Cargo

- In the US, CSI and 24 hour rule are the back bone of cargo security. Similar rules are in place in other countries like Australia, Mexico, India. Plan for roll out in Europe

Most significant Maritime Security Initiatives

C-TPAT (Customs Trade Partnership against Terrorism)

- Voluntary Government-Business initiative
- Strengthen and improve international supply chain
- Limited to US entities , extension to overseas planned

CSI (Container Security Initiative)

- Identification of high risk containers
- Pre-screening before containers are loaded
- Use of smart and secure containers

24-hour Rule (Advance Manifest Rule) and "10+2"

- Manifest information to be provided prior to loading
- Close cooperation with CSI initiative
- Similar requirements established world wide

ATSA (Aviation and Transportation Security Act)

- General provisions for cargo screening, inspection
- security measures
- Security plans for all-cargo operations

CSP (Customs Security Programme of the EU)

- Pre arrival / pre departure information
- Trade facilitation measures based on AEO
- Uniform risk selection criteria for controls through secure data portals

Selection of current initiatives

ACE	Automated Commercial Environment		
ICSO	Intl. Container Security Organisation	**MTSA**	Maritime Transportation Security Act of 2002 (US)
AEO	Authorized Economic Operator (WCO, EU)	**ISPS**	International Ships and Port Facility Security Code
UCR	Unique Consignment Reference	**TSA**	Transport Security Administration
Title III	Bioterrorism Act	**ISO TC 104**	Technical Committee for Container Standards
BASC	Business Anti-Smuggling Coalition	**FAST**	Free and Secure Trade lade (bilateral US/Canada)
SST	Smart and Secure Trade lane	**ISA**	Importer Self Assessment
TAPA	Technology Asset Protection Association	**EU 2320**	Supply Chain Security Air

Project SCHENKER*smartbox* : Key Functionalities

		Tracking	Visibility	Monitoring and Detection	
Passive RFID and reader		✓	☒	☒	Checkpoint based
E-Seal		(✓)	☒	✓	Checkpoint based
Active RFID + Door sensor		✓	(✓)	(✓)	Checkpoint based
GPS/GPRS + sensor suite		✓	✓	✓	* Worldwide

✓ possible

(✓) limited functionality

☒ not possible

* Depending on coverage of mobile and/or satellite network

SchenkerSmartbox

Drivers

- Customers require further real time events
- Productivity gains
- Electronic and real time security tracking
- Anti-terror security
- Intrusion detection
- Early stage of development, limited market

Project SCHENKER*smartbox* : Global Trak (GPS)

SCHENKER*smartbox* @ CIS

Customer **I**nformation **S**ystem

CIS

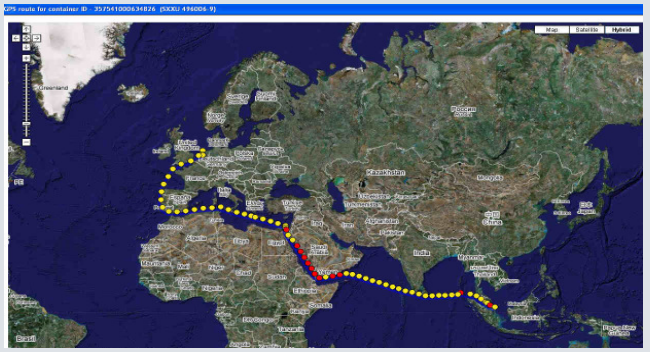
Business **A**ctivity **M**onitoring (BAM)

SCHENKER Event Platform

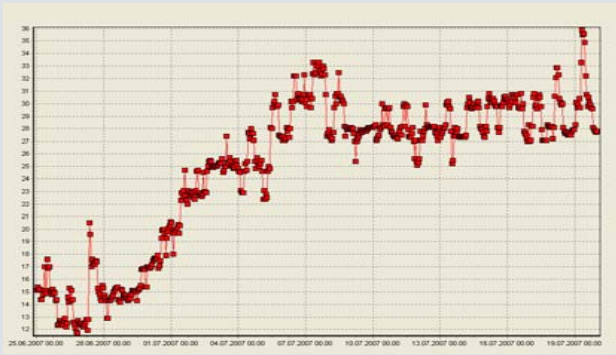
RFID Reader

GPS Telematic Devices

Real Time Alerting ✓



Temperature ✓



Outlook

- Increasing complexity supply chains (velocity, bottlenecks)
- Increased security and visibility responsibilities for manufacturers and exporters
- Effect on small to medium business exponentially high
- Local presence in new (remote) market regions
- Service providers managing assets and vendors via integrated IT platforms
- Further outsourcing of supply chain functions to logistic providers
- It's the right relationship that counts!
- Security becoming more and more part of corporate culture

Checklist for a Secure trade lane environment

- Cost recovery/commercial viability!
- Ubiquity and Standards!
- mobilize stakeholders know how to exchange best practice between regions and modes and agencies;
- Organizations like OSCE to stimulate synergies between stakeholders;
- use data from existing sources (linking electronic declaration and clearance systems)
- Solutions to potentially facilitate the free flow of trade, to be flexible, effective, scalable and rapidly instituted
- Tiered systems of self-imposed security
- Stuffing integrity at origin warehouses