



Asia-Pacific
Economic Cooperation

2007/CTTF/STAR/013

Intelligent Security Integrated Seal (ISIS)

Submitted by: Security Seals Limited (SSL)



**Secure Trade in the APEC Region (STAR V)
Conference
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**Intelligent Security Integrated
Seal
(ISIS)**



WELCOME

**“A Changed
World”**

September 11 2001

The atrocities committed on this day
changed forever how the US and the rest of
the world viewed security and control of
their borders





US/Global Border Security Champions & Initiatives

- C-TPAT
- SEP
- US CBP
- CSI
- ICSA
- WCO
- And more



What is C-TPAT?

Customs Trade Partnership Against Terrorism

- CT PAT is a joint US government-business initiative to build cooperative relationships that strengthen overall supply chain and border security.

CT-PAT recognizes that Customs can provide the highest level of security only through close cooperation with the ultimate owners of the supply chain, importers, carriers, brokers, warehouse operators and manufacturers.

Through this initiative, US Customs is asking businesses to ensure the integrity of their security practices and communicate their security guidelines to their business partners within the supply chain.

What is SEP?

Secure Export Partnership Agreement

SEP is a joint NZ government to business initiative to build cooperative relationships that strengthen overall supply chain and border security for exports worldwide not just the US. It meets all the standard US security requirements.

SEP recognizes that Customs can provide the highest level of security only through close cooperation with the ultimate owners of the supply chain, importers, carriers, brokers, warehouse operators and manufacturers.

Through this initiative, NZ Customs is asking businesses to ensure the integrity of their security practices and communicate their security guidelines to their business partners within the supply chain.



Secure Trade in 2007

IMAGINE

“A Viable Solution”

Intelligent Security Integrated Seal

The ISIS e Seal

A Tamper Indicative
2 Door Electronic Sealing
Solution
for Secure Shipping



The ISIS e Seal

- Easily installed around the Container's two door locking bars at waist height and finally secured with the Klicker bolt seal into the door lock.





The ISIS e Seal

- Endorsed with UK/US Customs approval
- Combines the proven security features and strengths of the MegaFortris Cable Lock seal (MCL250) and the Klicker bolt seal with leading edge RFID technology.
- Both these seals are certified compliant with ISO/PAS17712 and C-TPAT.






Typical Implementation

- ISISsecure Access Control
 - internet connection to ISISsecure Data Centre

CUSTOMER NAME

SEAL SERIAL No

STATUS

●
SYSTEM UNAVAILABLE

●
PASS

●
CAUTION

●
TAMPER

Typical Implementation

- ISIS Access Control
 - Connection to ISIS Network

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Typical Implementation

- ISIS Access Control
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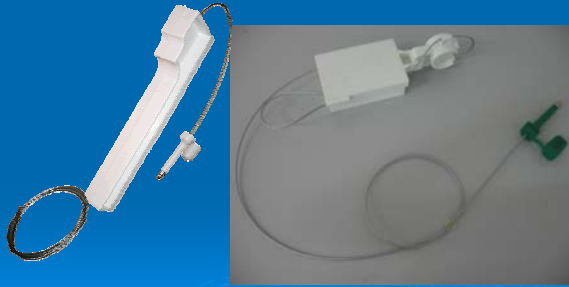
●
CAUTION

●
TAMPER

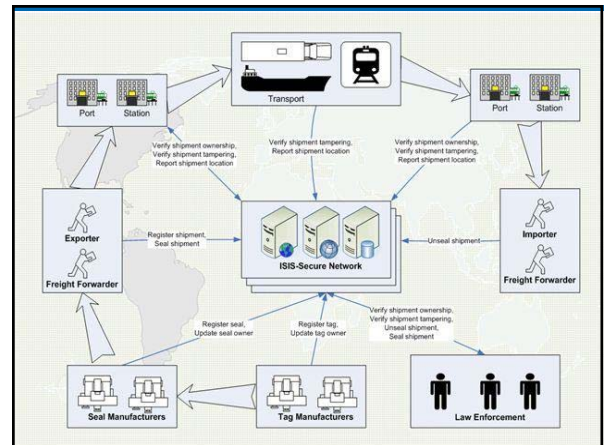
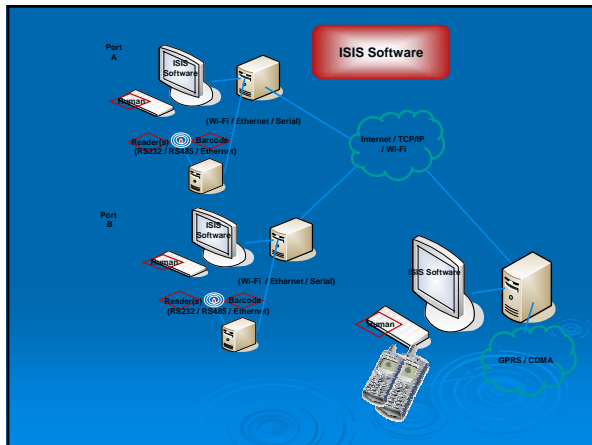
Technologies and Products

- ISIS is technology agnostic (“Future Proofing”)
- ISIS can provide for the client an end to end solution
- ISIS will provide the client with the right solution for their needs
- ISIS's products are commercially available, Tried and Tested and not prototypes

ISIS E Seal



ISIS Readers



ISIS Network

- ISIS's proprietary software enables the client to comply with various government and industry mandates
- ISIS provides for the client the ability to be notified when the container is tampered
- ISIS provides the client track and traceability of their shipments
- ISIS allows the client to reduce risk and costs associated with container transportation.

ISISsecure Software

- "Future Proofed" (not limited to one technology)
- Value added functionality Regulatory Compliant (CTPAT/CSI/WCO/SEP etc...)
 - Consignment (Carter's) Note
 - Alerts
 - Track and Trace Visibility
- Future Developments
 - Customs Lodgment
 - Real Time Track and Trace

Solutions

➤ Seal Management

- Central Repository
- Carter's Note / Manifest / Waybill details
- Seal assignment by container
- X-Ray image and other sensor data associated with container and seal
- Automatic notification of exception (tamper / wrong port)
- Accountable appropriation of blame for non compliance
- Track and Trace Visibility
- Covert operational management

ISIS e Seal Global Strategy

- ISIS is in discussions with a number Global players about its rollout strategy
- ISIS is currently conducting RFID trials or offering tenders/OEM agreements in other countries



System Participants

-  Customs Officers
-  Law Enforcement
-  Freight Forwarders
-  Transport Operators
-  Seaport and Railway Operators
-  Security Seal Manufacturers
-  RFID Tag Manufacturers

Intelligent Security Integrated Seal



“ The results show that the ISIS E Seal works in a “real world” environment by indicating tag ID and electronic tamper at a point of read in a multitude of environments”

Intelligent Security Integrated Seal

The ISIS e Seal is the solution of choice for all Industry and we invite your participation in this initiative.

Intelligent Security Integrated Seal

By leading with a vision you can now make smart choices with smart solutions

Intelligent Security Integrated Seal



Elevating Secure
Solutions Provision
To New Heights

Thank you

